# ANNUAL REPORT 2015-16





# TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Pin-799022, Tripura

# ANNUAL REPORT 2015-16



# Tripura University (A Central University)

(A Central University)
Suryamaninagar-799022
Tripura, India

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#### From the Desk of Vice-Chancellor

Tripura University (a Central University) has continued its pursuit of excellence in the year 2015-2016. Some of our important achievements during the year are highlighted below:

1. The NAAC team visited Tripura University in September 2015. The team assigned a grade of B with a grade point average of 2.63 out of 4.0. This is a major improvement from the grade C+ obtained in the previous NAAC accreditation done in 2002. The B grade is a clear indication of our focus on quality and modernization of all the academic and administrative units of Tripura University over the years.



- 2. The pursuit of excellence by Tripura University is also clearly reflected in the NIRF ranking conducted by MHRD in March 2016. Tripura University achieved an overall rank of 88 amongst all of the Universities and other Institutions of Higher Education taking part in this National Ranking exercise conducted in our country for the first time in 2016. Amongst all of the Central Universities, Tripura University is number 21. Amongst the Universities of the North East, Tripura University is in the position 5.
- 3. In 2015-16, Tripura University has emphasized on filling vacant regular faculty and non-teaching staff positions. In 2015-16, 36 new faculty members (4 professors, 7 associate professors and 25 assistant professors) joined various departments. Four contractual teaching positions in the Women's Study Centre and the B. Voc. Skill Development Programmes have been filled through Walk-in interviews. Nearly 60 Guest faculties have been hired against vacant faculty positions across the various Departments as per UGC norms. In 2015-16, as many as 92 non-teaching staff members have joined the University in various groups such as A, B and C in positions lying vacant since Tripura University's conversion into a Central University in 2007.
- 4. There are still about 100 faculty positions and about 45 nonteaching positions vacant in the University. Rolling advertisement has been placed to fill the vacant faculty positions in the University.
- 5. In Tripura University, a new football field and two synthetic volleyball courts of international standard have been created in 2015-16. Inter university Men's Volleyball tournament for the East Zone Universities and All India Universities were organized successfully in these new volleyball courts in February 2016. Nearly forty-five University teams participated in the competition from all over the Country.
- 6. During 2015-16, Tripura University has actively pursued collaborations with Industry, PSU and various Sector Skill Councils to promote industry-academia relations and to enhance quality of teaching and research. Memorandums of understanding (MoUs) have been signed with the following five agencies:

- (a) Rubber Board, Kottayam, Kerala (on 12/11/2015)
- (b) BIOSTADT India Limited, Mumbai (on 04/05/2016)
- (c) Rubber Skill Development Council (RSDC), New Delhi (on 30.09.2015)
- (d) Media and Entertainment Skill Council (MESC), New Delhi (on 25/11/2015)
- (e) National Skill Development Council (NSDC), New Delhi (on 06/06/2015)
- 7 Tripura University has established an online admission process for all of the academic programmes offered in its main Campus during 2015-16. Prospective candidates for all the Certificates, PG Diploma and Degree programmes as well as Integrated Master Degree programmes have been admitted through this online application process. After filling the online application forms and payment of fees, the candidates have appeared in the written tests. Then the qualified candidates have been admitted according to the merit and reservation criteria. Centres for conducting written admission tests have been opened in Kolkata, Silchar, and Guwahati for the first time in 2015-16. This has helped in enhancing the flow of students from outside the State and maintaining cultural diversity needed in a Central University. This online admission process has been implemented even forth Distance Education MA programmes.
- 8. In 2015-16, Tripura University actively sought for students from Bangladesh adjacent to Tripura. About 10 students from Bangladesh have applied through the online application portal and have been admitted to various programmes of Tripura University.
- 9. For the first time in the 29-year history of our University, two patent applications have been filed during the year based on the research performed in Tripura University. One is (a) rapid detection of in-vivo sensitivity of a micro-organism to an antimicrobial agent (Department of Microbiology) and the other is (b) anti cancer healing and anti bacterial activity of a local plant Parkia Javanica (Department of Human Physiology).
- 10. In February 2016, Tripura University has acquired a plot of land with an area of 17.91 acres, adjacent to the present campus. This will enable the University to go for construction of more hostels, faculty and staff residential complexes and academic buildings in coming days.
- 11. In 2015-16, Tripura University has been favoured with an additional fund amounting to 27 crores from UGC, augmenting the total allocation for the Plan fund under the 12<sup>th</sup> Plan to about Rs. 133 crores. The extra allocation is being utilized for enrichment of the Central Library, the Central Instrumentation Centre, and for taking up a few new construction projects in the existing campus as well as the new plot of land.
- 12. A FIST grant of about Rs. 2 crores has also been obtained by the Department of Chemistry for the establishment of an NMR facility in Tripura University. An NMR facility is going to boost the research in several departments in future.
- The Equal Opportunity Cell, Women's Study Centre, and the Centre for Study of Social Exclusion and Inclusive Policy have been strengthened in 2015-16 through fresh funding by the

UGC. The Equal Opportunity Cell has started new remedial classes and coaching classes for competitive examinations. The Women's Study Centre has planned for a PG Diploma course and the Centre for Study of Social Exclusion and Inclusive Policy has started an intake of Ph.D. Students.

- 14. The cultural festival UDBHAAS 2016 was a major attraction in Tripura University in April 2016. Intercollegiate and interdepartmental competitions in music, drama, and quiz were conducted as they have been in previous years. Several famous music and drama groups from Tripura, Assam, Manipur and West Bengal visited the campus and enthralled the University Community.
- 15. In 2015-16, Tripura University has obtained recognition of NCTE for B.Ed., B.A./B.Sc-B.Ed. and M.P.Ed. programmes.
- 16. In September 2015, during a visit to Tripura University, Hon'ble Dr. Harsh Vardhan, the Minister of Science and Technology and Earth Sciences has formally inaugurated the State Biotech Hub and the Centre for Bioinformatics, both sponsored by the Department of Bio-Technology (DBT). In this year, former Minister of State for Human Resource Development, Hon'ble Dr. Ram Shankar Katheria has visited Tripura University interacting with the student and faculty members and inaugurating the Academic Building XI, the newest academic building housing 11 Departments.
- 17. Health and various awareness camps have been organized in the University and in the adopted villages by students, faculty and staff members associated with NSS and the community.
- 18. Mohona, Tripura University Women's Association in collaboration with the department of Computer Science & Engineering has organized a breast-cancer awareness camp in January, 2016 in a village adjacent to Tripura University campus. More than 300 women from nearby villages have participated in this camp. Among them, more than 100 women went through free breast-cancer screening. Mohona also organized a one day state level symposium on suicide prevention, a women's yoga camp, a seminar on combating crime against women and a support camp for aged women in an old age home amongst various other activities.
- 19. In the next page, a few bar graphs that depict (a) the basic data on the number of books and journal papers published by Tripura University authors, (b) the number of various symposia, conferences and workshops organized in the campus of Tripura University, and (c) the number of sponsored projects running in Tripura University, are provided. The graphs clearly indicate the healthy growth of the academic output and outreach activities in this University.

The list given above provides a glimpse of the efforts that the University has undertaken in 2015-16. The University is looking forward with great enthusiasm for further developments in Skill Programmes, Industrial and International Collaborations, Digitization and Modernization, Innovation and IPR, Upgrading Adopted Villages, and on improving its national and international rankings. It is committed to the goals of automation, faculty and staff recruitment, infrastructure development and

social outreach in 2016-17.

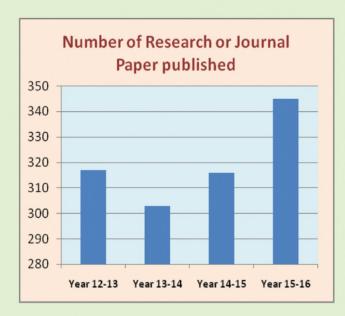
In the following pages, the details of the various scholarly activities undertaken by each of the Departments and Centres are discussed with significant data presented in tabular forms. Additionally, the details of work done by the Central Library, the Sports Board and various other bodies are also presented. Main financial details have also been presented in this treatise. An album of various activities/seminars/functions organised by Tripura University during the year 2015-16 is attached.

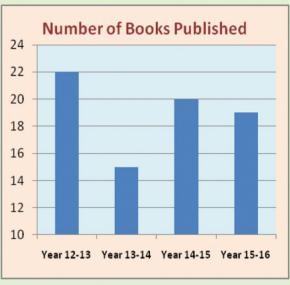
It is our hope that this compendium, will give a fair idea on the diversity, vibrancy and quality of the multitude of activities undertaken by Tripura University in the year under reference. This document and many more tables and detailed data on all the Departments and Centres are provided in an attached compact disc. The compact disc also contains the Hindi versions of documents mentioned along with the English and Hindi versions of the Annual Financial Report of Tripura University.

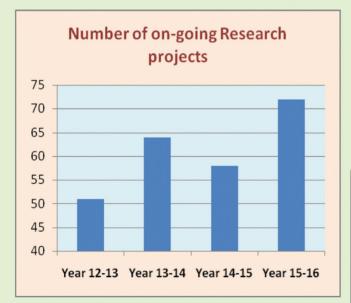
I thank the Committee on Annual Report and its team for producing the English and the Hindi versions of the Annual Report 2015-16 in a timely manner.

Best wishes to all

Prof. Anjan Kumar Ghosh Vice-Chancellor, Tripura University









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# **About Tripura University**

Tripura University took off as a State University on 2<sup>nd</sup> October, 1987 and was converted into a Central University on 2<sup>nd</sup>July, 2007 under an Act of Parliament to establish a teaching and affiliating university in the state of Tripura and to provide for matters connected therewith or incidental thereto. The kings of Tripura, since 1947 onwards, guided by a zeal for education and inspired by a vision to excel, established many colleges in this green hilly state affiliating them to Calcutta University. But the geographic distance from the University of Calcutta being a formidable deterrent, it was virtually impossible on the part of a large number of poor students of Tripura to continue further studies after graduation since Postgraduate education within Tripura was not yet initiated. The political history of Tripura since 1960s, replete with student movements had consistently harped on the demand for expansion of opportunities for higher education and setting up of Tripura's own university. As a consequence, the Calcutta University authority agreed to offer post-graduate classes in history, mathematics, and economics at the MBB College campus and the University Grants Commission (UGC) formally recognized the Calcutta University Post Graduate Centre (CUPGC) in 1976. But the dream for a full-fledged University within the state was yet to be fulfilled and student movements gradually gathered momentum for a separate university for the higher education of its students. For a decade, the CUPGC with all its limitations functioned as the highest centre of learning in the state, operating from various scattered old government buildings at College Tilla, Agartala. In spite of severe financial constraints, land for a new campus was selected by the state government for the CUPGC in a green 75-acre, semi-urban setting on the National Highway at Suryamaninagar, about 9 kms south of the capital city Agartala. With the aim of setting up a full-fledged University at that location in near future, the foundationstone was laid at Suryamaninagar campus on 18<sup>th</sup>December, 1985 by Dasaratha Deb, the legendary leader of the historic Janasiksha (People's Education) movement and the-then Deputy Chief Minister - cum - Education Minister of Tripura. Taking into consideration the long cherished demands of the student-community and the growing aspirations of the people at large and also acknowledging the present and future needs of education in the state, the State Government took the initiative to pass the Tripura University Act in the Assembly in 1987 and finally the first University in the state came into being. This was indeed a dream come true. After its up-gradation to a Central University, the overall development of Tripura University has been conspicuous by all round efforts undertaken to strengthen the infrastructural facilities and academic acumen.

In NIRF, its rank is 88<sup>th</sup> and it is accredited by NAAC in Grade B with CGPA of 2.63 on four point scale. It has obtained recognition from AICTE, NCTE and similar other apex bodies for running the related courses.

At present the number of Colleges affiliated to the university is 51, consisting 27 General Degree Colleges, 2 Technical Colleges, 4 Polytechnic Colleges, 2 Medical Colleges, 3 Nursing Colleges, 5 B.Ed. Colleges and 8 Professional Colleges.

The University is running 48 different courses under its Science, Arts & Commerce Faculty, including Certificate Courses as well as courses in Under Graduate, Post Graduate Diploma and Post Graduate Studies. In addition to these, Ph.D. programmes are also offered in 34 subjects.

#### Location, Climate & Connectivity

Located in the green picturesque state of Tripura, whose undulating topography comprises of low lying hills shrouded with dense vegetation cover and interspersed with meandering rivers, rivulets and streams, the sprawling green campus of the university is an eye-catcher. Situated in West Tripura District about 9 km away from the City of Agartala and 24 km from Agartala Airport (Singerbill Airport), Tripura University is easily accessible by road.

The state is well connected with Guwahati, Silchar and Shillong by road. A daily bus service from Kolkata to Agartala through Bangladesh has also taken off, for which a transit visa is needed. Agartala is also directly connected to Guwahati, Kolkata and other North-eastern cities and with other metros via Guwahati or Kolkata by air route. The existing metre gauge railway line connecting Agartala to Lumding and Guwahati has been upgraded to broad gauge. The average temperature of Agartala in summer is about 30°C and in winter, about 15°C.

#### **Facilities and Services**

#### University Library:

The central library of Tripura University was established in the year 1976, when it was functioning as a Post Graduate Centre of Calcutta University. The University library offer facilities such as separate Reference Section, Journal Section (old and new), Women's Study Corner, Daily News Paper and Magazines Reading Corner, Thesis Corner, Tripura Corner, Text Book Corner etc. Besides, reading corners for NET, SET and other competitive examinations, special collection reading corners are also provided in a spacious room. The library building is also furnished with two conference halls. Moreover, the library has two separate reading halls, one on the ground floor and the other on the first floor. The working hours of the Central Library is from 9:30 AM to 8 PM on all week days and 11:00 AM to 4:00 PM on all Saturdays & Sunday except National and other University holidays.

The library has a rich collection of books, monographs, reference works, serials, maps, thesis, dissertations and back volumes of periodicals. It caters to the needs of students, research scholars, faculty members, project fellows and project assistants and all non-teaching staff. Further, short time permission to outsiders and research scholars of other Universities is also considered at the discretion of the Librarian.

The Central Library is full of resources, both in terms of books, journals and e-resources. At present Central Library possesses a number of 124571 books to catch the needs of the 40 subjects and disciplines out of which4684 books were added during the year 2015-16. The Library has also subscribed to Forty Five print journals of different publishers during the period and has access to 30907 online e-books, available through Tripura University IP address to meet the needs of all the existing subjects and disciplines of the University. Besides, Tripura University is a member institution in the UGC-INFONET e-Journals Consortium which has recently been subsumed as e-ShodhSindhu (INFLIBNET). Through e-ShodhSindhu, users of our University have access to more than 7195 online journals and 39 databases which cover 22 publishers in the field of science, arts, commerce, Social sciences etc. These e-journals and databases can be accessed by all departments over a campus wide network as well as through Wi-Fi network. Apart from that, Tripura University has also subscribed to numerous online e-journals and databases namely J-Gate, Sage Online, ACM

Online Digital Library, IEL Growth Plan, Hein Online, Brills Social Science, Indian Citation Index, Capitaline Plus Database, EPWRF Indian Time Series Database, and Elsevier Scopus for the year 2016.

#### Computing Facilities:

Tripura University takes proper measures to provide all possible computing facilities to the students, scholars and faculty. There are 5 computers centres with approximately 200 desktop computers. The computer centres are made accessible to the students, research scholars and faculty during the University working hours for maximum utilization. For better access internet facility is available in all departments, centres, offices, hostels and staff quarters 24x7. Wi-Fi facility has also been made available in the central library, Guest house and other departments. To work at times of power-cut, high capacity central UPS are installed in most of the departments and offices for providing back-up during power failures.

#### Central Instrumentation Centre:

Tripura University has a Central Instrumentation Centre to facilitate University researchers as well as Researchers from North-east Universities. While using this centre the North-east Research Workers may be provided with accommodation in the Tripura University Guest House. Instruments available in the central instrumentation centre of Tripura University are GCMS (Gas Chromatography-Mass spectrum) instruments: model: Varian 220-MS / 450-GC, 230V (Agilent service), HPLC (High performance liquid chromatography)-Dionex U3000, Atomic Force Microscope (AFM), Model: INOVA, BRUKER, and GSV4004B GPS Ionospheric Scintillation & TEC Monitor (GISTM). Prof. Swapan Majumder, Dr. Utpal Ch. De, Assistant Professor, Department of Chemistry is entrusted with GCMS and HPLC instruments, Dr. Syed Arshad Hussain, Assistant Professor, Department of Physics with AFM instrument and Dr. Anirban Guha, Assistant Professor, Department of Physics is in charge of the GISTM instrument. Prof. Samir Kumar Sil, Department of Human Physiology is convener of the Centre. Tripura University has also planned to procure and install NMR, XRD and SEM facility under the Central Instrumentation Centre and initiative in this direction has already been taken.

#### Hostel Accommodation:

Fully computerized internet enabled hostel facilities are provided generally to students from outside the state, remote parts of the region and economically backward classes. Presently, there are two hostels for women and gents with 90 & 80 seat capacities respectively. Two more hostel buildings with about 50 seats capacity are available for research scholars within the campus. Common Rooms with various recreational facilities and reading rooms equipped with reading materials and magazines, news papers, T.V. etc. are also available in both the hostels. The hostel messes serve food to the boarders according to a prefixed menu determined by the boarders themselves.

#### Health Services:

Tripura University has its own Health Centre with two full time doctors (Male & Female), two nurses and a medical laboratory attendant to serve students, teachers, employees, officers, guests and their family members. A separate building has been allotted for this

purpose where few beds with saline and oxygen facilities are available. Further the University possesses an Ambulance in case of emergency to transfer patients to nearby hospitals.

#### Bank and Post Offices:

The university caters adequately to the requirements of the students, scholars and faculty with in-campus SBI branch and Post office during university hours. There are also two ATMs in the university campus.

#### Games & Sports:

The Sports Board of Tripura University came into existence in 2007. Every year various sports & games are conducted by Tripura University Sports Board. Every Year Annual Sports Day is organized for which various outdoor sports like football, volleyball, Kabaddi and cricket competitions etc and Indoor games are also organized by the board, such as Table Tennis, Carom and chess etc. Every year the board organizes Inter College Tournaments in various events like football, cricket, volleyball, Judo, Table Tennis and athletics among the affiliated colleges under Tripura University and participates in East Zone/ All India Inter University competitions with university contingent and also this year University Sports Board organized East Zone and All India Inter Zonal Volleyball Men Championship.

#### Placement Cell:

The Tripura University Placement Cell was established on 27.10.2005. The Placement Cell of Tripura University plays a vital role and is gradually becoming a key cell of the Tripura University. The competition for employment is increasing every day and the task of placement is becoming a challenging one. The placement Cell ensures and takes care to provide the best arrangements and hospitality for the visiting company officials and facilitates campus recruitment drives. It is relevant to mention here that the alumni of Tripura University occupy top positions in business, industry, R&D and academics in India and abroad and serve as the brand ambassadors of the alma mater.

The Placement Cell performs the following activities round the year:-

- 1. Organizing various development activities that help in personality grooming of the students and provides them platforms to express themselves and enhance their soft skills.
- 2. Arranging winter/summer training for students.
- 3. Coaching Classes for entry into services (for TPSC, Banks, Railway and other competitive examinations) for SC/ST/PH/OBC (Non-Creamy Layer) and minority students in collaboration with equal opportunity cell, TU.
- 4. Inviting various organizations for campus recruitment.
- 5. Organizing different job oriented training programmes by the reputed organizations.

#### Activities performed by the Placement Cell (July, 2015 to June, 2016).

- 1. EMPLOYABILITY TRAINING AND CAMPUSRECRUITMENT BY TCS from 28<sup>th</sup> July, 2015 to 3<sup>rd</sup> August, 2015.
- 2. Three MBA 2016 batch students were recruited by HDFC bank, Mumbai.
- 3. One MCA 2015 batch student was recruited by TCS iON, TCS, India.

#### Scholarships and Financial Assistance:

Various scholarships and financial assistances are provided to the students. It is based on the provision under rules & regulation of the particular scheme. The different scholarships are as follows:

Merit-cum-means Scholarship, Post Matric Scholarship to Lower Income Group, Post Matric scholarship for Girls Student, Maulana Azad National Fellowship for Minority Students, Minority (State Wakf Board), Beedi Workers Scholarship, Rajiv Gandhi National Fellowship for Students with Disabilities, Nihar Kana and Dr. Surendranath Scholarship, ONGC Scholarship, Central Government Teaching Employees' Children's Educational Scholarship, Post Matric scholarship for SC, On-line DBT scheme, Post Matric scholarship for ST, Online DBT scheme, Post Matric scholarship for OBC on line DBT scheme, Merit-cum-means scholarship, Post Matric scholarship for Girls Stipend, North East Council Scholarship, Post Graduate Indira Gandhi Scholarship for Single Girl Child, Post Graduate Merit Scholarship for University Rank Holder, Post Graduate Scholarship for Professional Courses for SC/ ST candidates, Junior Research Fellowship for Engineering & Technology, Non-Net Scholarship for Ph.D. Research scholars.

#### Canteen:

Tripura University has a central canteen that offers various food items at a moderate rate, ranging from heavy lunch to light snacks and beverages. The Canteen is located at the ground floor of the sports building situated at the middle of the University campus and has a seating capacity of around 100 students at a time. The Canteen also has a separate seating arrangement for the academic staff with an approximate capacity of 30. The University canteen is open from 10.00 am to 5.00 pm on all days except University holidays. There are also canteens in Academic XI and in the main administrative building.

#### **NET Coaching Centre**:

Ever since it was established in 2006, the NET Coaching Centre of Tripura University has played an important role in providing services viz. coaching classes particularly to the disadvantaged group members hailing from the ST, SC, OBC (Non Creamy Layer) and Muslim Minority communities in order to face and clear the National Eligibility Test (NET) which is a must for applying college and university teaching posts. Over these years the success rate has been tremendous as the records show. Some of the candidates made it to JRF as well. The Centre is equipped with very competent teachers from the Tripura University and also from the Government Degree Colleges in Tripura on various subjects, especially the humanities.

#### **NSS UNIT**:

The overall objective of NSS is to offer an extension of the academic activity of students and orient the student youth to community service. Generally, students have a tendency to get alienated from the village/slums masses which constitute the majority of the population of the country. The educated youth who are expected to take the reins of administration in future are found to be unaware of the problems of the village / slum community and in certain cases are indifferent towards their needs and problems. Therefore, it is necessary to arouse the social conscience of the students, and to provide them an opportunity to work with the people in the villages and slums.

#### Equal Opportunity Cell (EOC):

Tripura University established an Equal Opportunity Cell on 3<sup>rd</sup> March, 2010 to address issues related to SC/ST, the OBC (non-creamy layer), minorities and the physically challenged on a regular basis. The broad objective of the Cell has been to provide the students belonging to any of the categories sufficient support so that they can successfully lead their lives. Specifically the Cell provides support through various coaching schemes to enhance employability, language skills, social capability skills and various other skills to empower students from the disadvantaged groups. Further, the Cell also takes ample interest in effective implementation of policy and programmes for the disadvantaged groups. The Equal Opportunity Cell has introduced many programmes keeping in mind the objective of helping out the students from disadvantaged groups such as English Language Proficiency Class, Coaching Classes for Entry into Services, free Computer Course and Soft Skills Course for a period of three months in collaboration with NIELIT, Tripura. The Cell also takes the opportunity to guide students in availing of various scholarships.

#### Reservation Cell:

The Cell is responsible for ensuring effective implementation of the reservation in admission of the students and the recruitment of teaching and non-teaching staff at various levels, allotment of staff quarters, hostels etc. The main objective of providing reservation for Scheduled Castes, Scheduled Tribes and Other Backward Communities (Non-Creamy layer category) in Government services and admission of students is to improve their social and educational status so that they can take their rightful place in the mainstream of the society.

Annual Statement Showing the Representation of SCs, STs and OBCs As on 1<sup>st</sup> January, 2016 and Number of Appointments Made During the Year 2015 Tripura University

2010 and Ivaniber of Appointments made During the Icar 2013 Impura Chiversity														
	Representation of			Number of appointments made during the year 2015										
	SCs/STs/OBCs (As on 1 <sup>st</sup> January, 2016)			By direct Recruitment			By Promotion		By Deputation/ Absorption					
Groups	Total number of employees	SCs	STs	OBCs	Total	SCs	STs	OBCs	Total	SCs	STS	Total	SCs	STs
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Group A	171	21	24	28	15	1	1	5	0	0	0	0	0	0
Group B	34	6	6	3	18	3	2	3	4	0	1	0	0	0
Group C	104	19	23	2	8	1	1	0	0	0	0	0	0	0
Group D (Excluding Sweepers)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Group D (Sweepers)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total	309	46	53	33	41	5	4	8	4	0	1	0	0	0

#### Anti-Ragging Committee & Squad:

As per the UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009, Tripura University formed an Anti-Ragging Committee and an Anti-Ragging Squad under the Chairmanship of the Vice-Chancellor. This Committee functions

actively throughout the year to eliminate all possibilities of occurrence of ragging in any form.

Tripura University has a zero-tolerance policy towards ragging. Ragging in all its forms is totally banned in the entire Tripura University complex including its departments, and all its premises (academic, residential, sports, canteen, etc.). The University authority shall take strict action against those found guilty of ragging and/or of abetting ragging.

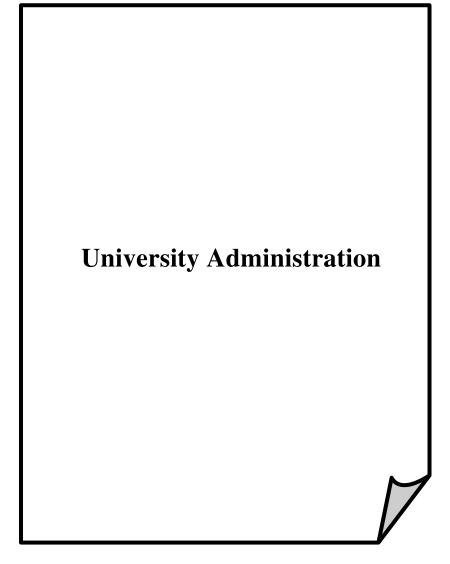
Any complaint of ragging can be made to the nodal officer whose name, e-mail address, mobile number has been given below:

Name : Dr. Nishikant Kolge

E-mail id : kolge270477@gmail.com

Mobile Number : +91-9862132692

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The University Administration is run by the Hon'ble Visitor, the Hon'ble Chief Rector, the Chancellor, the Vice-Chancellor, the Pro-Vice-Chancellor, Deans and the Registrar. The University Administration is also guided by the Statutory Bodies such as Court, Executive Council, Academic Council, Finance Committee etc. The list of members of these committees is also given in the following pages:

## **Statutory Bodies**

#### THE COURT

#### **Prof. Malinee Goswami**

Department of Assamese, Gauhati University, Gopinath Bordolai Nagar, Guwahati, Assam

#### **Prof. Gautam Biswas**

Director, Indian Institute of Technology, Guwahati, Assam

#### Major Gen. (Dr.) Ranjit Singh

Vice-Chancellor, Central University of Haryana, Mahendergarh, Haryana

#### Sri Bikram Badshah

Chief (Corporate Relations), RP Sanjiv Goenka Group, 605-606, Bhikaji Cama Bhawan, 6<sup>th</sup> Floor, 11, Bhikaji Cama Place, New Delhi

#### Smt. Kakoli Mitra

107, Golf Club Road, Kolkata, West Bengal

#### Prof. Amarjyoti Choudhury

Pro-Vice-Chancellor, Tezpur University, Napaam, Sonitpur, Assam

#### **Smt. Geeta Chandran**

B-45, Gulmohar Park, New Delhi

#### Prof. Alak K. Buragohain

Vice-Chancellor, Dibrugarh University, Dibrugarh, Assam

#### Lt. Gen. Prakash Chaudhary

93 P, Sector-41, HUDA, Gurgaon, Haryana

#### Prof. H. Nandakumar Sarma

Vice-Chancellor, Manipur University, Imphal

#### Sri Harshvardhan Neotia

Managing Director, Ambuja Cement Eastern Limited, Vishwakarma 86 C, Topsia Road (South Calcutta), Kolkata, West Bengal

#### Prof. V. Luther Das

5-60-2-38/1, 4/5, Ashok Nagar, Guntur, A.P.

#### Dr. Amitabha De

Director, Rajiv Gandhi Indian Institute Management, Shillong, Meghalaya

#### Prof. (Dr.) Jyoti Prakash Tamang

Department of Microbiology, School of Life Sciences, Sikkim University, 6<sup>th</sup> Mile Samdur, P.O.: Tadong, Gangtok, Sikkim

#### Prof. Dilip Kumar Saikia

Director, National Institute of Technology, Shillong, Meghalaya

#### Dr. K. Jayakumar

Amrita Institute of Management Studies, Amritham College Road, Walajabad, Kanchipuram District, Tamil Nadu

#### Prof. Ranjit Tamuli

Dean, Faculty of Commerce & Management, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh

#### Dr. V. Narsimha Murty

49-26-63, Ram's Residence, Madura Nagar, Visakhapatnam, A.P.

#### Dr. Joseph Bara

Editor, Educational Research Unit, Jawharlal Nehru University, New Delhi

#### Prof. Manjula Rana

Member, Uttarakhand Public Service Commission, Aayog Bhawan, Gurukul Kangri, Haridwar, Uttarakhand

#### **Prof. Abhijit Chakraborty**

Vice-Chancellor, Jadavpur University, 188, Raja S.C. Mullick Road, Kolkata, West Bengal

#### Prof. C. N. Krishna Naik

Head, Department of Management, Sri Krishnadevaraya University, Anantpur, Andhra Praesh

#### Prof. M.S. Khan

Department of Psychology, Aligarh Muslim University, Aligarh, Uttar Pradesh

#### Prof. Tarkeshwar Kumar

Director, National Institute of Technology, Durgapur, West Bengal

#### Dr. Arun Kumar Singh

Professor & HoD, Department of Political Science, Nagaland University, Lumami, Dist.: Zunheboto, Nagaland

#### Dr. Dinkur Salunke

Director, Regional Centre of Biotechnology, 180, Udyog Vihar, Phase-I, Gurgaon, Haryana

#### Ms. Poornima Shenoy

CEO, Latitude Edutech, UNI Building, 1st Floor, Millers Tank Road, Vasantnagar, Bangalore

#### Prof. J.P. Sharma

Department of Commerce, Delhi School of Economics, University of Delhi, New Delhi

#### **Prof. P. Ramaswamy**

Dean, Department of Biotechnology, University of Madras, Chennai, Tamil Nadu

#### Prof. Sanjoy Hazarika

Prof. & Director, Centre for North East Studies, Jamia Millia Islamia, New Delhi

#### Prof. Dipankar Pal

Director, North East Regional Institute of Science and Technology, Itanagar, Arunachal Pradesh

#### **EXECUTIVE COUNCIL**

#### Prof. Anjan Kumar Ghosh

Vice-Chancellor, Tripura University, Ex-officio Chairman

#### Prof. Anjan Mukherjee

Pro-Vice-Chancellor, Tripura University, Ex-officio Member

#### **Prof. Satvadeo Poddar**

Dean, Faculty of Arts & Commerce, Tripura University, Member

#### **Prof. Mahesh Kumar Singh**

Dean Faculty of Science, Tripura University, Member

#### **Prof. Durgadas Ghosh**

Most Senior Professor, Department of Zoology, Tripura University, Member

#### Sri Jagdish Singh

Secretary of Higher Education, Government of Tripura, Member

#### Visitor's nominees from the Court members of Tripura University

#### i) Prof. Malinee Goswami

Department of Assamese, Gauhati University, Member

#### ii) Dr. Amitabha De

Director, RGIIM, Shillong, Member

#### Three persons nominated by the Visitor

#### i) Dr. Vijay Kumar Karan

Reader, HoD (Sanskrit), Vidyant Hindu P. G. College, University of Lucknow, Member

#### ii) Prof. Bimal K. Roy

Former Director, Indian Statistical Institute, Kolkata, West Bengal, Member

#### iii) Sri Saibal Chattopadhyay

Director, IIM, Kolkata, West Bengal, Member

#### Sri O.S. Adhikari

Registrar, Tripura University, Ex-officio Member Secretary

#### **ACADEMIC COUNCIL**

#### Prof. Anjan Kumar Ghosh

Vice-Chancellor, Tripura University, Ex-officio Chairman

#### Prof. Anjan Mukherjee

Pro-Vice-Chancellor, Tripura University, *Ex-officio Member* 

#### **Prof. Satyadeo Poddar**

Dean, Faculty of Arts & Commerce, Tripura University, Member

#### **Prof. Mahesh Kumar Singh**

Dean, Faculty of Science, Tripura University, Member

#### Dr. V. K. Mishra

Head, Department of Hindi, Tripura University, Member

#### Prof. K. N. Jena

Department of Political Science, Tripura University, Member

#### Prof. R. K. Sinha

Department of Botany, Tripura University, Member

#### **Prof. Samir Kumar Sil**

Department of Human Physiology, Tripura University, Member

#### Prof. R. K. Nath

Department of Chemistry, Tripura University, Member

#### Principal, B.B.M. College, Agartala, Member

Principal, TIT, Agartala, Member

#### Dr. Paramita Saha

Associate Professor, Department of Economics, Tripura University, Member

#### **Dr. Syed Arshad Hussain**

Assistant Professor, Department of Physics, Tripura University, Member

#### Four persons nominated by the Visitor

#### i) **Prof. Pushpak Bhattacharjee**

Director, IIT Patna, Bihar, Member

#### ii) Prof. Jayanta Kumar Ray

National Professor, Kolkata, West Bengal, Member

#### iii) Prof. G. D. Sharma

Vice Chancellor, Bilaspur University, Bilaspur, Chhattisgarh, Member

#### iv) Sri Ajit Balakrishnan

Chairman, IIM, Calcutta, West Bengal, Member

#### **Two Teachers of the Affiliated Colleges**

Member (Vacant)

#### One Research Scholar and Two Post-Graduate Students of the University

Member (Vacant)

#### Sri O.S. Adhikari

Registrar, Tripura University, Ex-officio Member Secretary

#### FINANCE COMMITTEE

#### Prof. Anjan Kumar Ghosh

Vice-Chancellor, Tripura University, Ex-officio Chairman

#### Prof. Anjan Mukherjee

Pro-Vice-Chancellor, Tripura University, Member

#### Ms. Poornima Shenoy

CEO, Latitude Edutech, Bangalore, Karnataka, *Member* (Nominee of the Court)

#### **Prof. Durgadas Ghosh**

Professor, Department of Zoology, Tripura University, *Member* (Nominee of the Executive Council)

#### Dr. Bhupal Chandra Sinha

Controller, Tripura University, *Member* (till June 30, 2016)

**Secretary, Department of Finance, Govt. of Tripura,** *Member* (Nominee of the Executive Council)

Joint secretary & Finance Advisor, MHRD, Member (Visitor's Nominee)

Joint secretary (CU&L), MHRD, Member (Visitor's Nominee)

Joint secretary (CU), UGC, Member (Visitor's Nominee)

#### **Uttam Kumar Das**

Finance Officer (I/C), Tripura University, Ex-officio Secretary

There are also several committees to run the administration, academic and research activities in the University. The details of a few these committees are given in the followings:

# **Important Committees**

#### 1. ANTI RAGGING COMMITTEE

#### Prof. Anjan Kumar Ghosh

Vice-Chancellor, Tripura University *Chairman* 

#### District Magistrate, West Tripura, Govt. of Tripura

Representative of Civil Administration

#### S.P. Traffic, Tripura Police, Govt of Tripura

Representative of Police Administration

#### **Smt. Paramita Livingstone**

Dainik Sambad, Agartala Representative of Local Media

#### Sri Kamal Barman

Representative of NGOs involved in youth affairs

#### **Prof. Ashes Gupta**

Department of English, Tripura University Representative of Faculty Members

#### Dr. Krishna Bhattacharjee

Department of Philosophy, Tripura University Representative of Faculty Members

#### Mrs. Manju Datta & Mr. Sourav Chakraborty

Representative of Parents

#### Ms. Debalina Chakraborty

Dept. of Human Physiology Representative of Students

#### Ms. Saslang Jamatia

Dept. of Journalism & Mass Communication Representative of Students

#### Sri M.M. Reang

Jt. Registrar (Admin - II)
Representative of Non-teaching staff

#### Sri M. Mishra

Hindi Officer, Tripura University Representative of Non-teaching staff

#### Sri Nishikant Kolge

Assistant Professor, Dept of History & Nodal Officer, Anti-Ragging Committee, Tripura University

Convener

#### 2. ANTI RAGGING SQUAD

#### Prof. P. K. Haldar

Department of Commerce *Chairman* 

#### Prof. Mahesh Kumar Singh

Dean, Faculty of Science *Member* 

#### Dr. Anjana Bhattacharya

Department of Psychology *Member* 

#### Sri Narendu Bhattacharya

Deputy Registrar *Member* 

#### Dr. Chinmoy Roy

Department of Commerce *Member* 

# 3. GRIEVANCE REDRESSAL COMMITTEE FOR TEACHING AND NON-TEACHING EMPLOYEES OF THE UNIVERSITY

#### Prof. Anjan Kumar Ghosh

Vice-Chancellor, Tripura University (*Ex-officio Chairman*)

#### **Prof. Durgadas Ghosh**

Most senior Professor Member

#### Dr. B. C. Sinha

Controller of Examination *Member* 

#### **Prof. Ashes Gupta**

Dean, Student's Welfare *Member* 

#### Sri Nishikant Kolge

Coordinator of Equal Opportunity Cell *Member* 

#### Smt. Supriya Sengupta

Sr. Technical Assistant *Member* 

#### Sri Manas Pal

LDC Member

#### Dr. B. K. Kilikdar

Retd. Judge, Agartala *Member* 

#### Law Secretary, Govt. of Tripura

Member

#### Sri O.S. Adhikari

Registrar, Tripura University (Ex-officio Member Secretary)

#### 4. GRIEVANCE REDRESSAL COMMITTEE FOR STUDENTS

#### Prof. Anjan Mukherjee

Pro-Vice-Chancellor, Tripura University *Chairman* 

#### Prof. Satyadeo Poddar

Dean, Faculty of Arts & Commerce *Member* 

#### Prof. R. K. Nath

Dept. of Chemistry *Member* 

#### Smt. Sobha Debbarma

Director, CDC *Member* 

#### Sri Narendu Bhattacharya

Deputy Registrar *Member* 

#### Warden, P.G. Gents Hall

Member

#### **Superintendent, Women's Hostel**

Member

#### Sri Nishikant Kolge

Assistant Professor, Dept. of History & Nodal Officer (Anti Ragging) *Member* 

#### **Prof. Ashes Gupta**

Dean, Student's Welfare Member – Secretary

#### **5. GRIEVANCES REDRESSAL SQUAD (STUDENTS)**

#### Prof. P. K. Halder

Dept. of Commerce *Chairman* 

#### Er. Krishna Das

Executive Engineer *Member* 

#### Dr. (Ms) Sudipta Pal

Department of Human Physiology Member

#### Dr. P. K. Das

Department of Physical Education *Member* 

#### Dr. Utpal Biswas

Department of Music *Member* 

#### 6. (A) INTERNAL COMPLAINT COMMITTEE

#### Mrs. Sobha Debbarma

Director, College Development Council *Chairperson* 

#### Dr. Ajay Krishna Saha

Associate Professor, Department of Botany *Member* 

#### Dr. Nishikant Kolge

Assistant Professor, Department of History *Member* 

#### Smt. Aditi Sharma Lodh

Advocate *Member* 

#### Smt. Aparna De

Member Secretary, Tripura Commission for Women *Member* 

#### Smt. Supriya Sengupta

Sr. Technical Assistant *Member* 

#### Sri Manas Paul

LDC

Member

#### Dr. Surochita Basu

Assistant Professor, Department of Botany *Member Secretary* 

#### (B) INTERNAL COMPLAINT COMMITTEE (w.e.f. 28.07.2016)

#### Prof. Chandrika Basu Majumder

Department of Political Science *Chairman* 

#### Smt. Sobha Debbarma

Director, College Development Council *Member* 

#### Dr. Utpal Chandra De

Assistant Professor, Department of Chemistry *Member* 

#### Dr. Krishna Bhattacharya

Associate Professor, Department of Philosophy *Member* 

#### Smt. Aparna De

Member Secretary, Tripura Commission for Women, *Member* 

#### Smt. Supriya Sengupta

Sr. Technical Assistant *Member* 

#### 7. BUILDING COMMITTEE

#### Prof. A. K. Ghosh

Vice-Chancellor *Chairman* 

#### Sri O. S. Adhikari

Registrar Member Secretary

#### Er. Sankar Banik

Superintending Engineer, 4<sup>th</sup> Circle, PWD, Agartala *Member* 

#### Prof. S. Datta

Principal, T.I.T.

Member

#### Ar. Sanjiban Datta

Architect, PWD, Agartala *Member* 

#### Prof. Barin Kr. De

Professor, Department of Physics *Member* 

#### **Prof Maitreyi Datta**

Professor, Department of Bengali *Member* 

#### Sri U. K. Das

Finance Officer (i/c) *Member* 

#### Sri S. Debroy

Jt. Registrar (D&P)

Member

#### 8. PURCHASE COMMITTEES

#### (A) Academic Purchase Committee (Science)

#### Prof. M.K. Singh

Dean, Faculty of Science

Chairman

#### Prof. B.K. De

Department of Physics

Member

#### Prof. R.K. Nath

Department of Chemistry

Member

#### Prof. Samir Kr. Sil

Department of Human Physiology

Member

#### Dr. Sharmistha Bhattacharya (Halder)

Department of Mathematics

Member

#### Dr. Mrinal Kanti Bhowmik

Department of Computer Science & Engineering

Member

#### Sri U.K. Das

Finance Officer (I/C)

Member Secretary

#### (B) Academic Purchase Committee (Arts & Commerce)

#### Prof. S. Poddar

Dean of Arts & Commerce

Chairman

#### Prof. Maitreyi Datta

Department of Bengali

Member

#### Prof. Sukhendu Debbarma

Department of History *Member* 

#### **Dr. Chinmoy Roy**

Department of Commerce *Member* 

#### Dr. Ashish Nath

Department of Economics *Member* 

#### Sri Samrat Goswami

Department of MRMD *Member* 

#### Sri U.K. Das

Finance Officer (I/C)

Member Secretary

#### (C) Central Purchase Committee

#### Prof. A. Mukherjee

Pro-Vice Chancellor *Chairman* 

#### Sri O.S. Adhikari

Registrar *Member* 

#### Smt. Sobha Debbarma

Director, CDC *Member* 

### Prof. S. Poddar

Department of History *Member* 

#### **Controller of Examinations (i/c)**

Tripura University *Member* 

#### Prof. P. K. Halder

Department of Commerce *Member* 

#### Dr. S. Basak

Department of Molecular Biology & Bioinformatics *Member* 

#### (D) Local Purchase Committee

#### Prof. M.K. Singh

Department of Chemistry *Chairman* 

#### **Dr. Shyamal Debnath**

Department of Mathematics *Member* 

#### Sri J.C. Rupini

Section Officer, Finance Branch *Member* 

#### Sri Prabir Kr. Debbarma

Assistant Registrar & DDO *Convener* 

#### (E) Purchase Committee of Directorate of Distance Education

#### Sri U.K. Das

Finance Officer (I/C) *Chairman* 

#### Dr. Ashish Nath

Department of Economics *Member* 

#### Dr. Krishna Bhattacharya

Department of Philosophy *Member* 

#### Dr. K.B. Jamatia

Director, DDE *Convener* 

#### 9. PLANNING COMMITTEE (XII PLAN)

#### Prof. A. K. Ghosh

Vice-Chancellor Chairperson

#### Prof. Anjan Mukherjee

Pro-Vice-Chancellor *Member* 

## **Dean, Faculty of Science**

Member

#### **Dean, Faculty of Arts & Commerce**

Member

#### Sri O.S. Adhikari

Registrar *Member* 

#### Prof. B.K. De

Department of Physics *Member* 

#### Dr. B.C. Sinha

Controller of Examinations *Member* 

#### Smt. Sobha Debbarma

Director, CDC *Member* 

#### Sri S. Debroy

Joint Registrar (Development & Planning) Member

#### Dr. Ashes Gupta

Dean, Student Welfare *Member* 

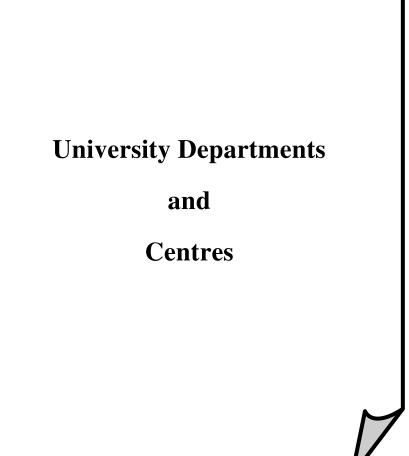
#### Sri N. Reang

Assistant Registrar *Member* 

#### Sri U. K. Das

Finance Officer (i/c) *Convener* 

Annual Report 2015-16		



Annual Report 2015-16	

Tripura University has 35 departments. These can be grouped in: Departments of Biological Sciences, Departments of Natural Sciences, Departments of Engineering and Technology, Departments of Social Sciences, Departments of Languages and Creative Arts, Departments of Economics, Management and Law, and Departments of Education.

Teaching and research are also carried out in several centres. These are: Bamboo Cultivation and Resource Utilization Centre, Centre for Studies of Social Exclusion and Inclusive Policies, and Women's Studies Centre.

University also runs Under-graduate programmes in skill development through (1) B.Voc.in Rubber Technology and (2) B.Voc. in Film and Video Production. These B.Voc. programmes were started in 2015-16.

For several years, University is running BBA programme in the Department of Business Management and BCA in the Department of Information Technology respectively.

Five year Integrated Master's Degree Programme is also offered in a few subjects in Humanities (Bengali, English, and Hindi), Social Sciences (History, Political Science, Philosophy, and Economics), Mathematics and Statistics. The first batch from this programme will come out in 2016.

Along with the regular mode of courses, the University also runs Masters, Bachelors and Certificate courses in the open and distance learning mode through its Directorate of Distance Education. The Directorate of Distance Education offers MA in Political Science, Education and Bengali, BA programme (Pass course) and a six months Certificate Course in Human Rights.

The University has a cell on NET Coaching Centre and National Service Scheme (NSS). The NET coaching cell operates under Equal Opportunity Cell.

The details of teaching, research and various achievements of all these academic units are given in the following pages. A compact Disk (CD) is attached with this printed Annual Report 2015-16 with many more details on these Departments.

## **Departments of Biological Sciences**

Name of Department	Head of the Department	Year of Establishment	Course Offered	Intake
Botany	Prof. Ajay Krishna Saha	2007	M.Sc. and Ph.D.	M.Sc26
Forestry & Biodiversity	Dr Thiru Selvan, Head (i/c)	2011	M.Sc. and Ph.D.	M.Sc20
Human Physiology	Prof. Samir Kumar Sil	2007	M.Sc. and Ph.D.	M.Sc25
Microbiology	Dr Shaon Ray Chaudhuri	2011	M.Sc. and Ph.D.	M.Sc26
Molecular Biology & Bio Informatics	Dr. Surajit Basak, Head (i/c)	2011	M.Sc. and Ph.D.	M.Sc18
Pharmacy	Prof. M. K. Singh (Dean), Rajat Ghosh, Coordinator	2011	Master of Pharmacy in Pharmaceutical Chemistry and Ph.D.	M.Pharma-10
Zoology	Prof. B.K. Agarwala	2007	M.Sc. and Ph.D.	M.Sc25

A few facts about the various Departments of Biological Sciences are given below:

The Department of Botany received both SAP from UGC and FIST grant from DST. Thus they have well-equipped laboratories. This department runs a one-year PG Diploma course in Bamboo Cultivation and Resources Utilization. There is a research relation between this Department and IISER, Pune. The young Department of Forestry and Biodiversity has so far graduated 31 M.Sc. students, most of who are absorbed in the local academic and research institutions. A faculty of the Department of Human Physiology has filed an application for an Indian patent on discoveries made in Cancer research. The DBT sponsored State Biotech Hub also runs under the aegis of the Department of Human Physiology. This hub was formally inaugurated by Hon'ble Dr. Harsh Vardhan, the Minister of Science and Technology and Earth Sciences, in September 2015.

The Department of Microbiology has increased its activities manifold in 2015. An Indian patent application has been filed. Several collaborations with both academia and industrial research centres have been started. With the help of the faculty of the Department of Microbiology, an MoU was signed between Tripura University and a private industry (Biostadt India Ltd., Mumbai) in May 2015 for the first time.

The DBT sponsored Centre of Bioinformatics is run by the Department of Molecular Biology and Bioinformatics. This centre was also formally inaugurated by Hon'ble Dr. Harsh Vardhan, the Minister of Science and Technology and Earth Sciences in September 2015.

The faculty of the Department of Pharmacy are active in the Innovation Club that was inaugurated by Hon'ble President of India in 2013 during his visit to Tripura University. Dr. K. Manna of the Department of Pharmacy attended the Innovation Workshop organized in the Rashtrapati Bhavan, New Delhi frequently on behalf of the Innovation Club. The Department of Zoology has achieved several milestones in research and development during 2015-2016. The researchers of this department has completed inventories of Tripura State for (a) Butterflies – 222 species, (b) Mammals – 36 species, and (c) Earthworms – 39 species by working on these issues for over four years. A novel population of Ladybird beetle (*Micraspis*) species was found from Tripura based on DNA bar coding of mitochondrial gene (COI). Distinguishing characters of male and female genitalia were described for the first time of the Giant Ladybird beetle (*Anisolemnia dialatata*), an endemic species of south and south-east Asia. Spectroscopic analysis of chorionic proteins of egg shell of two grasshopper

species was reported. Successful induced breeding of *Pabda* and *Chital* fish was established. The faculty also developed a Standardization of vermi-composting technology in the conditions of North-East.

Consolidated Statistical Data for Biological Sciences group		Information on Departments of Biological Sciences											
1	ļ .												
1	SI. No.	Consolidated Statistical Data for Biological Sciences group	Department of Botany	of Forestry	Department of Human Physiology	Department of Microbiology	Department of Molecular Biology & Bioinformatics	Department of Pharmacy	Department of Zoology				
3   No. of Nisthing Teacher/ Visiting Fellow	1	No. of Regular Faculty Members	6	3	4	2	2	3	5				
3   No. of Visiting Teacher/ Visiting Fellow	2	No. of Guest Teachers/Contract Teachers	2	0	1	2	3	3	1				
Source   No. of Book Chapters published by the Faculty Members   1	3	No. of Visiting Teacher/ Visiting Fellow	4	1	0	2	0	0	1				
5         No. of Book Chapters published by the Faculty Members         1         0         1         7         0         0         1           6         No. of Papers published by the Faculty Members in Indexed Journals         16         12         19         6         10         9         15           7         No. of Full Papers published in the proceedings of Conference/ Seminar/ Symposium etc         0	4		0	0	0	1	0	0	1				
No. of Full Papers published in the proceedings of Conference/ Seminar/ Symposium etc   0	5	No. of Book Chapters published by the Faculty Members	1	0	1	7	0	0	1				
No. of Interactions with Industry/ NGO /Covt. Organization	6	No. of Papers published by the Faculty Members in Indexed	16	12	19	6	10	9	15				
Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.   O	7		0	0	0	0	0	2	0				
9	8		6	3	2	6	4	0	7				
No. of Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department	9	·	0	0	1	1	0	0	0				
No. of Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper (maximum 4 per person)   12		No. of Seminar/ Conference/Workshops/Symposia Lecture/											
12	11	No. of Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University	10	4	9	1	2	0	4				
13	12	No of Interactions with Industry/ NGO /Govt Organization	0	1	0	3	0	0	2				
No. of Orientation/ Refresher/ Faculty Development Courses attended by Faculty Members   0   2   0   2   0   0   0													
15		No. of Orientation/ Refresher/ Faculty Development Courses											
16         No. of Research Laboratory         8         4         1         0         2         1         5           17         No. of Major Instruments available in the Department         13         18         13         29         6         4         10           18         Total No. of On-going Research Projects in 2015-16         7         3         6         2         7         2         3           19         Total Grant received for On-going Research Projects (Rs. in lakhs)         271         69         614         16         148         32         191           20         Grant received for On-going Research Projects during the year (Rs. in lakhs)         32         19         58         5         53         0         9           21         No. of Awards/Medals/Honours received by the Teachers during the academic year 2015-16         0         0         0         0         1         0         2           22         No. of students qualified in various public examinations in the Academic year 2015-16 from the Department         5         3         3         0         0         0         0         3           23         Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16         8         4         10         0	15		2	1	2	4	2	2	2				
17       No. of Major Instruments available in the Department       13       18       13       29       6       4       10         18       Total No. of On-going Research Projects in 2015-16       7       3       6       2       7       2       3         19       Total Grant received for On-going Research Projects (Rs. in lakhs)       271       69       614       16       148       32       191         20       Grant received for On-going Research Projects during the year (Rs. in lakhs)       32       19       58       5       53       0       9         21       No. of Awards/Medals/Honours received by the Teachers during the academic year 2015-16       0       0       0       0       0       1       0       2         22       No. of students qualified in various public examinations in the Academic year 2015-16 from the Department       5       3       3       0       0       0       3       0       0       3       3       0       0       0       3       0       5       5       5       0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>													
18         Total No. of On-going Research Projects in 2015-16         7         3         6         2         7         2         3           19         Total Grant received for On-going Research Projects (Rs. in lakhs)         271         69         614         16         148         32         191           20         Grant received for On-going Research Projects during the year (Rs. in lakhs)         32         19         58         5         53         0         9           21         No. of Awards/Medals/Honours received by the Teachers during the academic year 2015-16         0         0         0         0         1         0         2           22         No. of students qualified in various public examinations in the Academic year 2015-16 from the Department         5         3         3         0         0         0         3           23         Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16         8         4         10         0         3         0         5           24         No. of Awards/Medals/Honours received by the students during the academic year 2015-16         2         1         0         0         0         0         1           25         No. of Students Enrolled (Semester-I)         26         16         26									-				
19         Total Grant received for On-going Research Projects (Rs. in lakhs)         271         69         614         16         148         32         191           20         Grant received for On-going Research Projects during the year (Rs. in lakhs)         32         19         58         5         53         0         9           21         No. of Awards/Medals/Honours received by the Teachers during the academic year 2015-16         0         0         0         0         1         0         2           22         No. of students qualified in various public examinations in the Academic year 2015-16 from the Department         5         3         3         0         0         0         3           23         Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16         8         4         10         0         3         0         5           24         No. of Awards/Medals/Honours received by the students during the academic year 2015-16         2         1         0         0         0         1           25         No. of Students Enrolled (Semester-I)         26         16         26         13         17         8         26									_				
20   Grant received for On-going Research Projects during the year (Rs. in lakhs)   32   19   58   5   53   0   9		Total Grant received for On-going Research Projects (Rs. in					-						
No. of Awards/Medals/Honours received by the Teachers during the academic year 2015-16  No. of students qualified in various public examinations in the Academic year 2015-16 from the Department  Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16 the academic year 2015-16  No. of Awards/Medals/Honours received by the students during the academic year 2015-16  No. of Students Enrolled (Semester-I)  No. of Students Enrolled (Semester-I)	20	Grant received for On-going Research Projects during the year	32	19	58	5	53	0	9				
No. of students qualified in various public examinations in the Academic year 2015-16 from the Department   5   3   3   0   0   0   3	21	No. of Awards/Medals/Honours received by the Teachers	0	0	0	0	1	0	2				
23       Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16       8       4       10       0       3       0       5         24       No. of Awards/Medals/Honours received by the students during the academic year 2015-16       2       1       0       0       0       0       1         25       No. of Students Enrolled (Semester-I)       26       16       26       13       17       8       26	22	No. of students qualified in various public examinations in the Academic year 2015-16 from the Department	5	3	3	0	0	0	3				
24       No. of Awards/Medals/Honours received by the students during the academic year 2015-16       2       1       0       0       0       0       1         25       No. of Students Enrolled (Semester-I)       26       16       26       13       17       8       26	23	Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16	8	4	10	0	3	0	5				
25 No. of Students Enrolled (Semester-I) 26 16 26 13 17 8 26	24	No. of Awards/Medals/Honours received by the students during	2	1	0	0	0	0	1				
	25		26	16	26	13	17	8	26				
	26	No. of Students Enrolled (Semester-III)	18	14	17	7	7	5	19				
27 Total No. of Students Enrolled 44 30 43 20 24 13 45													

The departments of Biological Sciences have been very active in teaching, research and outreach all through the year 2015-16 as described in the table above. They have published 2 books as well as 10 book chapters. A list of the books published is given below:

Name of the	Authors	Title	Publishers	Year	ISBN
Department				(2015-16)	
Microbiology	Dr. Shaon Ray	Life science: Recent	International Research	2016	ISBN: 978-93-
	Chaudhuri	innovations & research	Publication House		84443-53-5
Zoology	Prof. S. Banik	Fish Reproductive Biology:	Lambert Academic	2016	978-3-659-
		Fish Conservation	Publishing, Berlin		90773-9

Faculty members of the departments in Biological Sciences were invited to deliver 28 talks/lectures in various seminars/workshops/colloquiums in 2015-16. They have also applied for 2 Indian patents listed below:

Name of the	Name	Title of Patent Applied for/ Received	Patent Filing No.	Year	Licensed
Department				(2015-16)	or Not
Microbiology	Dr. Shaon Ray	Rapid detection of in-vivo sensitivity of a	201631003917	3 <sup>rd</sup> Feb.,	Applied
	Chaudhuri	microorganism to an antimicrobial agent		2016	For
Human	Prof. S. K. Sil	Anti Cancer healing and antibacterial	201631013452	18 <sup>th</sup> Mar.,	Applied
Physiology		activity of Parkia Javanica		2016	For

The total number of ongoing projects in these departments is 30. Also, they have received 13 crores 40 lakhs (approximately) in sponsored projects. The major projects of these departments are as follows:

Departments	Principal Investigator	Co- Investigator	Funding Agency	Title of the project	Total Grant (Rs. in lakhs)	Grant received during the year	Tenure
Botany	Prof. S. Sinha	Prof. R.K. Sinha	DBT-Twining, Govt. of India	Understanding dioecy by exploring Floral Organ Identity genes (OIGs) in Coccinia grandis-a new model for study.	73.20	9.82	2014- 2017
	Prof. B. K. Datta	-	DBT, Govt. of India	Preventing Extinction and Improving Conservation status of Threatened plants through application of Biotechnological tools	23.65	-	2012- 2017
			ISRO, Dept. of Space, Govt. of India	Measurement of Vegetation & Biomass Parameters under Vegetation Carbon Pool Assessment	14.44	-	2015- 2018
			DBT, Govt. of India	Orchid Bioresources of the North- East India- Conservation, Database Development & Information Network	21.40	-	2016- 2019
	Dr. A.K. Saha	Dr. S. Bhatacharjee	DBT-Twining, Govt. of India	Studies on identification, antimicrobial, antioxidant level and nutritional index as well as standardization of cultivation of some wild edible mushroom of Tripura	64.04	5.1	2014- 2017
	Dr. A.K. Saha	Dr. P. Das	DBT-Twining, Govt. of India	Studies on the mould spore diversity as environmental allergen in outdoor and indoor environments of urban and rural areas of Agartala	38.97	3.53	2014- 2017

	Dr. S. Basu		CSIR	Delineation of cytotypic diversity in Costus speciosus, Ophiopogon and Melastoma of Tripura to elucidate significance of chromosomal variation in conservation	35.00	13.78	2016- 2019
Forestry & Biodiversity	Dr. Sourabh Deb	Prof. B. K. Datta, Department of Botany	Department of Science and Technology, New Delhi	Assessment of carbon stock and carbon sequestration potential in major land use sectors of Tripura	45.10	19.13	3 Years
	Dr. Bimal Debnath	-	CSIR, New Delhi	Database generation on medicinal plant diversity, its Traditional use in Tripura and Relation with their Phytochemical constituents	18.16	-	3 Years
	Dr. Bimal Debnath	-	UGC, New Delhi	Cytological investigation of important forest tree species in Tripura	6.00	-	3 years
Human Physiology	Prof. Samir Kumar Sil	-	DBT New Delhi	Molecular epidemiology of HPV and cervical cancer in Tripura: genetic variations and influencing HPV persistence and disease development	1.07 Crore	-	May 2012- 2015
	Prof. Samir Kumar Sil	-	DBT New Delhi	Molecular and cellular studies on normal and diabetic wound healing activities of Parkia javanica, a medicinal plants of Tripura, north east India	63.36 lakhs	-	2014- 2017
	Dr. Dipayan Choudhuri	-	ICMR, Delhi	Role of calcium Sensing Receptor on Adipocytes in Rats Fed With Low or High Calcium Diet	19.40 lakhs	16.40 lakhs	2 Years
	Dr. Debasish Maiti (Coordinator)	-	DBT, Govt. of India.	Establishment of State Biotech Hubs (SBT hubs) by DBT under special programme for North Eastern States of India	304 lakhs + 69.18 lakhs	31.35 lakhs	Dec., 2016
	Dr. Debasish Maiti	Prof. Durgadas Ghosh	DBT, Govt. of India.	Studies on anticancer activities of extracts (Bromelain and peroxidase of different pineapple (Ananus comosus) cultivars of Tripura	42.25 lakhs	5.26 lakhs	March 2017
	Dr. Debasish Maiti	-	ICMR, Govt. of India.	Role of macrophages in experimentally induced leukemia	9.9 lakhs	5.76 lakhs	Feb., 2017
Microbiology	Dr. Shaon Ray Chaudhuri	Indranil Mukherjee	UGC-DAE	Understanding the effect of Plant growth promoting bacteria (PGPB) formulation on nutritional quality on gamma irradiated mung bean seeds	7.70 lakhs	2.64 lakhs	2014- 17
	Dr. Shaon Ray Chaudhuri	-	UGC-DAE	Understanding the impact of phytochemical elemental content on biofilm stimulation by epiphytic bacteria	8.55 lakhs	2.29 lakhs	2015- 18

Molecular Biology & Bioinformatics	Dr. Surajit Basak	Dr. Tapan Majumder	Indian Council of Medical Research (ICMR)	In silico comparative genomics approach to study the dynamics in genome evolution of Vibrio Cholerae	20.04	10.54	2015- 18
	Dr. Surajit Basak	-	Department of Science & Technology (DST), Govt. of India	Bioinformatics approach for probiotic genome analysis	18.00	8.00	2016- 19
	Dr. Surajit Bhattacharjee	-	Indian Council of Medical Research (ICMR)	Dectin 1 and Toll Like Receptors (TLR) at the interface of Beta Glucan and macrophage interaction: A mechanistic study of immunomodulatory activity of B-glucan using leishmaniasis as an immunosuppressive disease model	33	14.56	2015- 18
	Dr. Surajit Bhattacharjee	Dr. Rajat Subhra Das	Indian Council of Medical Research (ICMR)	Interaction of IL-18 and TNF-alpha in the modulation of Osteoprotegerin (OPG) in Subjects with Osteoarthritis, Rheumatoid Arthritis (in both Sexes) and Osteoporosis in Post-Menopausal Women	19.97	14.10	2015- 17
	Dr. Surajit Bhattacharjee	Dr. Debasish Maiti	Department of Biotechnology	Role of TLR mediated Genomic Instability patterns in response to chronic infection of Tuberculosis and Host- pathogen interaction	57	6.18	2014- 17
	Prof. Ajay Krishna Saha	Dr. Surajit Bhattacharjee	Department of Biotechnology	Studies on identification, antimicrobial, antioxidant level and nutritional index as well as standardization of cultivation of some wild edible mushrooms of Tripura	-	-	2014- 17
	Prof. Samir Kr. Sil	Dr. Surajit Bhattacharjee	Department of Biotechnology	Molecular and Cellular studies on normal and diabetic wound healing activities of <i>Parkia Javanica</i> , a medicinal plant of Tripura, North East India	-	-	2014- 17
Pharmacy	Dr. Kuntal Manna	-	UGC-BSR	Chalcones and their derivatives: Design, synthesis and evaluation of various applications	6 lakhs	-	2 years
	Dr. Kuntal Manna	-	DST-SERB	Development of calixarene-based drugs: Design, synthesis/formulation and potential pharmacological applications	26 lakhs	-	3 years
Zoology	Prof. B.K. Agarwala	-	Indian Council of Agriculture Research	National Project on Insect Biosystematics (since 2007)	154.60	4.95	Till March 2018

-	Prof. D. Ghosh	Department of Biotechnology	Studies on anticancer activities of extracts (Bromelain and Peroxidase) of different pineapple ( <i>Ananas</i> comosus) cultivars of Tripura	23.82	-	Till March 2017
Dr. P.S. Chaudhuri	-	UGC, New Delhi	Ecology of earthworms in pineapple plantation	13.00	4.00	May 1, 2013- Mar. 1, 2016

A total of 30 research scholars have registered/submitted/been awarded Ph.D. degree in the academic year 2015-2016. The faculty members of Biological Sciences departments received several awards in 2015-16. These are listed below:

Name of the Department	Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/ Medals/Honours	Awarding Agency/Institution
Molecular Biology	Dr. Surajit Bhattacharjee	Selected to join as Indian National Young Academy of Science (INYAS) member	January 2016	Indian Nation Science Academy (INSA)
Zoology	Prof. S Banik Dr. P.S. Chaudhuri	Silver Jubilee Felicitation Science Excellence Award 2015	October 2015 December 2015	Tripura University Foundation for Science and Environment, Kolkata and University of North Bengal

Students of the Biological Sciences departments have also received 4 awards.

Name of the Department	Name of Students	Name of Awards/ Medals/Honours	Date of Awards/ Medals/Honours	Awarding Agency/Institution
Department of Forestry & Biodiversity	Ms. Imalisa Pal	Selected as a Indian Youth Delegate to China	17 <sup>th</sup> to 24 <sup>th</sup> June, 2016	Ministry of Youth Affairs and Sports, GOI and Peoples Republic of China
Department of Zoology:	Students of IV Semester 2016	'Udbhas'- Inter- Departmental Competition in Theatre	April, 2016	Tripura University
Botany	Smt. Kanika Karmakar	Prof. R.C. Srivastava Memorial Award	16.03.2016	National Seminar Organized by Department of Botany, Tripura University
	Smt. Atithi Debnath	Prof. R.C. Srivastava Memorial Award	16.03.2016	National Seminar Organized by Department of Botany, Tripura University

The Biological Sciences departments have organized 23 workshops/seminars/symposiums in the academic year 2015-2016.

Name of the Department	Date	Duration	Title	No. of Participants
Botany	15-16.03.2016-	2 Days	National Seminar on Recent Trends in Plant Science Research	100
	05-09.10.2015-	5 Days	Orientation workshop on Hands on training of Biology Practical Exercises of TBSE Curriculum	20
Forestry &	16 <sup>th</sup> Dec., 2015	1 Day	Overview of Forest Management in India	30
Biodiversity	17 <sup>th</sup> Dec., 2015	1 Day	Medicinal Plants and their Conservation Status	30
	18 <sup>th</sup> Jan., 2016	1 day	Biodiversity Conservation and CAMP process using IUCN Red List Categories and Criteria	30
Human Physiology	14 <sup>t</sup> -19 March, 2016	6 days	Statistical and Computing methods for Life Science data Analysis	32
	7 <sup>th</sup> -13 <sup>th</sup> March 2016	8 days	Hands on training on "Advance molecular techniques in biological research"	13
	20-22 <sup>nd</sup> January, 2016	3 days	Seminar cum Workshop on "Recent Trends in Biotechnological Research"	33
	11 <sup>th</sup> March, 2016	1 day	Leismania macrophage interaction: Changing perspective during last 25 years	30
	9 <sup>th</sup> May, 2016	1 day	Neurophysiology of Sleep	40

Microbiology	30 <sup>th</sup> Nov. and 1 <sup>st</sup> Dec. 2015	2 days	Hands on Training on Biophysics and Spectroscopy	7
	5 <sup>th</sup> to 9 <sup>th</sup> Jan. 2016	5 days	Workshop on Elementary Statistics, quantitative and computational techniques	Above 50
	2 <sup>nd</sup> February, 2016	1 day	International workshop cum discussion session on drinking water and waste water related issues in Tripura and Bangladesh	44
	17 <sup>th</sup> February, 2016	One and half hours	Motivating self and achieving success jointly with Dr Anjana Bhattacharjee of Psychology Dept.	30
	16 <sup>th</sup> to 25 <sup>th</sup> Feb., 2016	10 days	Hands on Training on Microbial Finishing of Fiber and Microbial Products	19
	22 <sup>nd</sup> to 25 <sup>th</sup> February, 2016	4 days	Outreach program for Faculty and scholar of Women's College Agartala on Microbial identification in wetlab and drylab followed by microbial product development	2
	19 <sup>th</sup> March, 2016	1day	National Symposium on Modern Applications of Electron Microscopy in Interdisciplinary Research	Above 65
	30 <sup>th</sup> March, 2016	1day	Workshop on Intellectual Property Rights	Above 135
	4 <sup>th</sup> May, 2016	1day	Seminar on Industrial approach for Probiotic induced shrimp cultivation and MOU signing with Industry	209
Molecular Biology	20-21 <sup>st</sup> November, 2015	2 days	Application of Bioinformatics to Genomic Data Analysis	18
	29 <sup>th</sup> April, 2016	One Day	World Immunology day Seminar	50
Zoology	26.11.15	11.30 AM to 1.00 PM	Tips for writing research paper following ethics	50
	26.11.15	2.30 PM to 4.00 PM	Research trends in snake venom research: My experience	50

The faculty of the Biological Sciences departments has developed several interactions with

industries, NGOs and government organizations.

Departments	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in lakhs)	Student Placed? (If yes No.)
Forestry and Biodiversity	Dr. Thiru Selvan	Sustainable Development Forum Nagaland (SDFN)	Kohima - 797001 Nagaland	No	0.50 lakhs	No
Microbiology	Dr. Shaon Ray Chaudhuri	Environment and Population Research Centre	Dhaka, Bangladesh	Submitted to University, approval pending	None	None
	Dr. Shaon Ray Chaudhuri	Gandhi Institute of Engineering and Technology	Gunupur, Orissa	Submitted to University, approval pending	None	None
	Dr. Shaon Ray Chaudhuri	Biostadt India Limited	Mumbai	Yes	Yes (In kind as student training expenses and food in January- February, 2016)	Placement offered in Baroda but student refused to pick up the same
Zoology	Prof. B.K. Agarwala	Tripura Biodiversity Board	Forests, Govt. of Tripura	Yes	-	-
	Dr. P.S. Chaudhuri	Adarini Vermicompost and Research Centre	Bhati Fatikcherra, West Tripura	No	-	-

Faculty members of these departments are active members of 40 professional learned societies and, in the academic year 2015-16, they have published 87 papers in indexed journals of India/Abroad. The details of these papers, the invited talks, etc. which are not mentioned above are given in the compact disc attached to this report.

## **Departments of Natural Sciences**

Name of Department	Head of the Department	Year of Establishment	Course Offered	Intake
Chemistry	Prof. R.N. Dutta Purkayastha	1976	M. Sc., Ph.D.	M.Sc30
Geography and Disaster	Dr. Nibedita Das (Pan)	2004	M.Sc., Ph.D.	M.Sc26
Management				
Mathematics	Dr. Sharmistha Bhattacharya	1976	M.Sc., Ph.D.	M.Sc50
	Halder			
Physics	Prof. Debajyoti Bhattacharjee	1990	M.Sc., Ph.D.	M.Sc26
Statistics	Samrat Hore, Head (i/c)	2011	M.Sc., Ph.D.	M.Sc16

A few facts about the various Departments of Natural Sciences are given below:

The Department of Chemistry is actively involved in innovative research activity since its inception, and activity has enhanced to a great extent in the recent past due to the financial assistance from different funding agencies as major research projects to the faculty members. Department of Science & Technology, Govt. of India has recently (January 2016) sanctioned an amount of Rs. 1.98 crores to the department for purchase of a 400 MHz NMR under the FIST Programme (Level1). The Department of Geography and Disaster Management has also received two major research projects of Rs. 1,17,69,275 from the Ministry of Earth Science and ICSSR in 2015-16.

In the Department of Mathematics pioneering research work is done of the topics of fuzzy sets, rough sets and their practical applications. In 2015-16, this department has organized a one-day workshop on this topic. The faculty members of this Department are the major force behind the Tripura Mathematical Society, an organization that is very active in promoting studies in mathematical subjects throughout the State of Tripura.

In the Department of Physics, the main thrusts of research are in atmospheric physics, thin films, nanoscience, and condensed matter physics. They have collaborations with SAMMEER and ISRO for their projects. In 2015-16 this Department has organized a refresher course on Experimental Physics. The Department of Physics organizes an international conference on materials science every two years.

The young Department of Statistics has a strong relation with the Indian Statistical Institute, Kolkata. In 2015-16 they organized a regional workshop and two North-East programmes sponsored by the Indian Statistical Institute.

	Information on Natural Sciences Departments						
SI. No.	Consolidated Statistical Data for Natural Sciences group	Department of Chemistry	Department of Geography and Disaster Management	Department of Mathematics	Department of Physics	Department of Statistics	
1	No. of Regular Faculty Members	7	5	6	6	3	
2	No. of Guest Teachers/Contract Teachers	2	1	3	0	0	
3	No. of Visiting Teacher/ Visiting Fellow	5	1	1	0	1	

4	No. of Book Chapters published by the Faculty Members	0	1	1	0	0
5	No. of Papers published by the Faculty Members in Indexed Journals	17	1	24	26	0
6	No. of Papers published by the Faculty Members in Other Journals	0	8	0	0	0
7	No. of Full Papers published in the proceedings of Conference/ Seminar/ Symposium etc.	0	2	5	1	0
8	No. of Invited Talks Delivered by Faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.	1	2	0	7	0
9	No. of Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department	0	0	1	0	0
10	No. of Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper (maximum 4 per person)	19	21	4	49	0
11	No. of Refresher and Orientation Courses Organized by the Department	0	0	0	1	0
12	No. of Interactions with Industry/ NGO / Govt. Organization	1	0	0	0	0
13	No. of Memberships in Professional / Learned Societies	18	0	24	18	0
14	No. of Orientation/ Refresher/ Faculty Development Courses attended by Faculty Members	2	1	0	3	0
15	No. of Teaching Laboratory	6	1	0	5	0
16	No. of Research Laboratory	6	2	0	4	1
17	No. of Major Instruments available in the Department	11	3	0	24	0
18	Total No. of On-going Research Projects in 2015-16	2	3	2	5	0
19	Total Grant received for On-going Research Projects (Rs. in lakhs)	56	120	19	184	0
20	Grant received for On-going Research Projects during the year (Rs. in lakhs)	10	77	2	54	0
21	No. of Awards/Medals/Honours received by the Teachers during the academic year 2015-16	0	0	0	4	0
22	No. of students qualified in various public examinations in the Academic year 2015-16 from the Department	7	8	4	6	0
23	Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16	13	2	22	10	0
24	No. of Awards/Medals/Honours received by the students during the academic year 2015-16	1	0	0	5	0
25	No. of Students Enrolled (Semester-I)	29	21	53	28	10
26	No. of Students Enrolled (Semester-III)	31	13	38	25	16
27	Total No. of Students Enrolled	60	34	91	53	26

The faculty members of the departments of Natural Sciences have been actively involved in teaching, research and outreach in the academic year 2015-16 as detailed in the table above. They have published two 2 book chapters in 2015-16.

Name of the Name of the Authors Title of the Book Publishers Year ISBN Page Department Chapter Editors (2015-Book No. 16) 2015 978-93-Geography Subhajit Assessment of Azizur Resource Pravalika 131and Sen. the Paleiseismic Rahman Management **Publications** 84292-140 Susmita Disaster condition and Siddiqui and 21-8 Development Management Paul, deformation of and strategies: A Saptarshi **Quartz Tectonite** Pradeep Mitra & Rock in Kumar Geographical Sunil seismotectonic-Singh Perspective Kumar De ally active zone, Atharomura Hill, Tripura, India

Mathematics	Anjan	Relations On	Springer-	Information	Springer	2015	10-	607-
	Mukherjee,	Intuitionistic	Verleg	Science and			1007/978	614
	Ajoy Kanti	Fuzzy Soft Multi	Berlin	Applications,			-3-662-	
	Das	sets	Heidelbe-	Lecture			46578-	
			rg	notes on			3_71,	
				Electrical			Springer	
				Engg. 339			-Verleg	
							Berlin	
							Heidel-	
							berg	

The faculty members of the departments of Natural Sciences were invited to deliver 10lectures in seminars/workshops/colloquiums in 2015-16. The total number of ongoing projects in these departments is 12. They have also received 3 crores 79 lakhs (approximately)

in sponsored projects. A list of ongoing major projects is given below:

Departments	Principal Investigator	Co- Investigator	Funding Agency	Title of the Project	Total Grant (Rs. in lakhs)	Grant Received during the year	Tenure
Chemistry	Prof. S. Majumdar	-	CSIR	Synthesis and Characterisation of Some Novel Chiral Compounds Containing Anthracene or Other Aromatic Fluorophore	8.5 lakhs	3.5 lakhs	December, 2015 to November, 2018
	Dr. Utpal Chandra De	Prof. S. Majumdar	DBT, Govt. of India	"Overcoming EGFR resistant Oral Squamous Cell Carcinomas with traditional healers of Tripura – A Preclinical Study"	47.10 lakhs	6.04 lakhs	March, 2014 to February, 2017
Geography and Disaster Management	Mrs. Jimmi Debbarma	Ms. Chandrani Debbarma	MOES	"Continuous measurement of crystal deformation using GPS in the Tripura fold belt" founded by Ministry of Earth Science, GOI. Dt-10/02/2016	Rs. 109.69 lakhs	74.10 lakhs	Five Years
	Dr Saptarshi Mitra	-	ICSSR	Traditional Tribal Weaving for Sustainable Livelihood And Empowerment of Tribal Community in Tripura: a Geographical Appraisal	Rs. 8 lakhs	3.20 lakhs	Two years
	Dr. Nibedita Das (Pan)	-	UNDP, Govt. of India	Sedimentation, Impacts, recommendations of DRR initiatives and CCA for Khowai River of Tripura	Rs. 2 lakhs	-	Two years
Mathematics	Dr. Shyamal Debnath	Nil	CSIR	I-statistically convergent sequences of fuzzy numbers	8 lakhs	2.43 lakhs	2014-2017

	Dr. Mausumi Sen, NIT Silchar	Prof. Binod Chandra Tripathy	DST (GoI)	A Study on Measure Theoretical Approach to Convergence of Sequences in Probabilistic Normed Spaces	10.51 lakhs	Fund received by NIT Silchar	2015-2018
Physics	Prof. Barin Kumar De	Dr. Anirban Guha	ISRO	ARFI (Aerosol Radiative Forcing over India)	100 lakhs	15 lakhs	To be continued as long as the ISRO considers the project for North-East
	Dr. Anirban Guha	Prof. Barin Kumar De	Society for Applied Microwave Electronics and Engineering Research (SAMEER), under Ministry of Communicat ions and Information Technology, Government of India	Development of a Lightning Detection Network in North-East India	18 lakhs	9 lakhs	2 years
	Dr. Anirban Guha	Prof. Barin Kumar De	Indian Space Research Organization (ISRO)	Investigation on the spatio- temporal distribution of clouds and dust storms in Martian atmosphere	1,840,520	72 Thousand 6 hundred	3 years
	Dr. S. A. Hussain	-	DST, Govt. of India (2015-2018)	Photo-physical studies of some molecules in solution, bulk and ultrathin films in presence and absence of nanoclay: investigations of fluorescence resonance energy transfer and sensor application	Rs. 30.4 lakhs	23 lakh	3 years
	Ms. Mitu Saha (Woman Scientist) Supervisor: Prof. D. Bhattacharj- ee	-	(WOSA) DST, Govt. of India (2015-2018)	Investigations of the organizations of Bio-molecules at the air-water interface	Rs. 17 lakhs	6 lakhs	3 years

A total of 47 research scholars have registered/submitted/been awarded Ph.D. degree in the academic year 2015-16. The list of awards won by the faculty members of these departments in 2015-16 is given below:

Name of the Department	Name of the Teacher	Name of the awards/ Medals/ Honours	Date of the awards/ Medals/ Honours	Awarding Agency/ Institution
Physics	Dr. S. A. Hussain	Editorial Board Member of Applied Clay Science (Publisher: Elsevier; Impact Factor = 2.701)	-	Elsevier
	Dr. A Guha	Selected as a Raman Post-Doctoral Fellow from University Grants Commission (UGC), India for the year 2016-2017 to work at the Massachusetts Institute of Technology (MIT), USA under the supervision of Dr. Earle Williams for one year; Broad area of study: Environmental Science and Climate change	February, 2016	University Grants Commission (UGC)
	Dr. A Guha	Selected as an Inter Academy Exchange Fellow from Indian National Science Academy (INSA) to visit Tel Aviv University, Israel, under the supervision of Dr. Colin Price for 21 days in the month of May-June 2016	May-June, 2016	Indian National Science Academy (INSA)
	Dr. A Guha	Nominated as a sponsored candidate to represent India from the Centre for Science & Technology of the Non-Aligned and other Developing Countries (NAM S&T Centre) New Delhi, to participate at the International Symposium entitled 'Strategic Interventions to Mitigate the Hazard of Lightning' in Lusaka, Zambia during 11-13 <sup>th</sup> August 2015	11-13 <sup>th</sup> August, 2015	Non-Aligned and other Developing Countries (NAM S&T Centre) New Delhi.

One student from Department of Chemistry has received the following award/prize.

Name of the Department	Name of Students	Name of Awards/Medals/ Honours	Date of Awards/ Medals/Honours	Awarding Agency/ Institution
Chemistry	Keshab Chandra Saha, Santanu Das	Mega Quiz Competition on the occasion of celebration of World Consumer Rights Day	1 <sup>st</sup> Runner up	Food CS & CA Dept., Gov. of Tripura

They have also organized 2 workshops/seminars/symposia/refresher courses for the academic year 2015-16.

J				
Name of the Department	Date	Duration	Title	No. of Participants
Mathematics	6 <sup>th</sup> May,2016	1 Day	Rough Sets, Fuzzy Sets and their Applications	58
Physics	08.03.2016 – 23.03.2016	15 days	74 <sup>th</sup> Refresher course in Experimental Physics	28

They have also developed collaboration with Industry/ NGOs/ Govt. Organizations in 2015-16.

2010 10.						
Name of the Department	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in lakhs)	Student Placed? (If yes No.)
Chemistry	Dr. Utpal Chandra De	Tripura Chemical Society	Agartala	No	No	No

Most of the faculty members of the Natural Sciences departments are active members of 60 professional learned societies and they have also published 68 papers in indexed journals of national/international level during 2015-16. The details of these papers, the invited talks, etc. not mentioned above are given in the compact disc attached to this Report.

### **Departments of Engineering and Technology**

Name of Department	Head of the Department	Year of Establishment	Course Offered	Intake
Computer Science & Engineering	Sri. Abhshek Majumder, Head (i/c)	2005	M.Tech and Ph.D.	M.Tech18
Electrical Engineering	Dr. Champa Nandi, Head (i/c)	2005	M.Tech and Ph.D.	M.Tech24
Information Technology	Mr. Shibendu Debbarma	2002	BCA, MCA and Ph.D.	MCA-30, BCA- 30

A few facts about the three engineering departments are given below:

These three departments are trying to combine teaching and research together even though there a shortage of senior faculty members. The PhD programmes in these departments started only in 2013 taking the help from the faculty members from the departments of Natural Sciences and several other universities such as Jadavpur University, Calcutta University, and Visva Bharati.

The research interests in the Department of Computer Science and Engineering are in wireless networks and image processing, esp. medical image processing. Detection of breast cancer in women through pattern recognition is an important project. Other projects are on effects of fog and aerosols on image transmission, automated face recognition, automated recognition of pain, wireless sensor networks, etc. The PG students of this Department actively participated in creating awareness about the menace of breast cancer amongst the nearby villages adopted by Tripura University. There are collaborative projects with SAMMEER (DeitY), DBT and Agartala Medical College.

The faculty members and students of Electrical Engineering work on areas such as renewable energy, electric power distribution, digital control and chaos based optical communication. This department runs several successful workshops in collaboration with the Department of Radio Physics, University of Calcutta and National Instruments Co.

The Department of Information Technology runs both BCA and MCA programs. This department also teaches the computer foundation courses to the students of all other departments of the university under the CBCS curriculum developed in 2015. The faculty and staff members of Information Technology collaborate with Tata Consultancy Services Co. to run online examinations for various programs administered by this company. Various training programs on various aspects of modern computing are also organized by faculty of this department for the benefit of the university community.

	Information on Engineering and Technology Departme	nts		
SI. No.	Consolidated Statistical Data for Engineering & Technology group	Department of Computer Science & Engineering	Department of Electrical Engineering	Department of Information Technology
1	No. of Regular Faculty Members	2	2	4
2	No. of Guest Teachers/Contract Teachers	2	1	4
3	No. of Visiting Teacher/ Visiting Fellow	2	1	0
4	No. of Book Chapters published by the Faculty Members	2	0	1

5	No. of Papers published by the Faculty Members in Indexed Journals	3	3	3
6	No. of Papers published by the Faculty Members in other Journals	0	0	3
7	No. of Full Papers published in the proceedings of Conference/ Seminar/ Symposium etc.	11	0	5
8	No. of Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department	3	4	2
9	No. of Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper (maximum 4 per person)	8	7	16
10	No. of Memberships in Professional / Learned Societies	8	3	0
11	No. of Orientation/ Refresher/ Faculty Development Courses attended by Faculty Members	0	2	1
12	No. of Teaching Laboratory	1	4	5
13	No. of Research Laboratory	3	0	1
14	No. of Major Instruments available in the Department	21	3	2
15	Total No. of On-going Research Projects in 2015-16	2	1	1
16	Total Grant received for On-going Research Projects (Rs. in lakhs)	78	8	11
17	Grant received for On-going Research Projects during the year (Rs. in lakhs)	9	0	6
18	No. of Awards/Medals/Honours received by the Teachers during the academic year 2015-16	1	0	0
19	No. of students qualified in various public examinations in the Academic year 2015-16 from the Department	0	3	0
20	Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16	4	0	2
21	No. of Students Enrolled (Semester-I)	18	24	34
22	No. of Students Enrolled (Semester-III)	15	8	32
23	No. of Students Enrolled (Semester-V)	NA	NA	33
24	Total No. of Students Enrolled	33	32	99

The faculty members of Engineering & Technology departments have published 3book chapters. A list of the book chapters is given below:

Name of the Department	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year (2015 -16)	ISBN	Page No.
Computer Science & Engineering	A. Majumder, S. Roy, Satarupa Biswas	Data Security Issues and Solutions in Cloud Computing	Kashif Munir, Mubarak S. Al-Mutairi, Lawan A. Mohammed	Handbook of Research on Security Consideration s in Cloud Computing	IGI Global	2015	13: 9781466 683877 10:1466 683872 13: 9781466 683884	212- 231
	R.Saha, M.K. Bhowmik	Active contour model for medical applications	J.K.Mandal, S. Mukhopadhyay, T.Pal	Handbook of research on natural computing for optimization problems	IGI Global	2016	2327- 0411	937- 959
Information Technology	Abhishek Das	Image Processing Algorithms in detection of Cervical Cancer	Mitsuo Gen K.J. Kim X. Huang Yabe Hiroshi	Industrial Engineering, Management Science and Application	Springer	2015	978366 2472002	-

The total number of ongoing projects is 4. They have received 97 lakhs (approximately) in sponsored projects. A list of ongoing projects is given below:

Departments	Principal Investigator	Co-Investigator	Funding Agency	Title of the Project	Total Grant (Rs. in lakhs)	Grant Received during the year	Tenure
Computer Science & Engineering	Dr. Mrinal Kanti Bhowmik	Co-Investigator-1: Prof. Barin Kumar De Professor Department of Physics, Tripura University  Co-Investigator-2: Dr. Satyabrata Nath Assistant Professor & Head-In-Charge Physical Medicine and Rehabilitation (PMR) Department, Agartala Government Medical College and Gobind Ballav Pant Hospital, Agartala, Tripura (W)  Co-Investigator-3: Dr. Gautam Majumdar Assistant Professor & Medical Superintendent Radiotherapy Department, Regional Cancer Center, Agartala Government Medical College, Agartala, Tripura (W)	Department of Biotechnology (DBT), Twining Project, Govt. of India	Design And Development Of Techniques For Pain Management And Breast Cancer Detection Using Infrared Imaging	Rs. 64.28 lakhs	Third Instalment Not Received Yet	3 Years
	Mr. Abhishek Majumder	-	Department of Electronics and Information Technology, Govt. of India.	Development of an Intra- Domain Mobility Management Scheme for Single Gateway Wireless Mesh Network to handle Highly Mobile Mesh Clients	Rs. 14.07 lakhs	Rs. 8.86 lakhs	2 Years
Electrical Engineering	Dr. Champa Nandi	-	MHRD	GIAN Project on Smart Grid: Secure and Sustainable Energy	8.16 lakhs	-	Januar y 2016- Decem ber 2016
Information Technology	Dr. Abhishek Das	-	UGC Major Research Project	Algorithms to automate detection and classification of Cervical lesions using Digital Colposcope	10.55 lakhs	Rs. 6.30 lakhs	3 years

A total of 6 research scholars have registered for Ph.D. degree in the academic year 2015-16 from the Engineering and Technology departments.

Awards won by faculty members from Engineering & Technology departments:

Name of the	Name of Teacher	Name of Awards/ Medals/	Date of Awards/	Awarding Agency/
Department		Honours	Medals/ Honours	Institution
Computer	Dr. Mrinal Kanti	Selected for Fellowship	Dated 16/03/2016	Science and
Science &	Bhowmik	(Application No.		Engineering Research
Engineering		ITS/163/2016-17) for		Board (SERB), Govt of
		attending and presenting a		India
		paper in SPIE Defense +		
		Security -2016, Part of		
		Program Track on		
		"Thermosense: Thermal		
		Infrared Applications		
		XXXVIII", Baltimore		
		Convention Center,		
		Baltimore, MD, United States,		
		APR 2016		

The Faculty members of the Engineering and Technology departments have also organized 9

workshops/seminars/symposia in the year 2015-16.

Name of the Department	Date	Duration	Title	No. of Participants
Computer Science &	13 <sup>th</sup> -14 <sup>th</sup> January, 2016	2 Days	Two Days Workshop on Virtual Laboratory	30
Engineering	20 <sup>th</sup> November, 2015	1 Day	Computational Aspects of Inflammatory Pain Related Diseases	40
	1 <sup>st</sup> to 2 <sup>nd</sup> August 2015	2 Days	Two Days National Workshop on Emerging Areas in Wireless Network & Communication	30
Electrical Engineering	14 <sup>th</sup> September, 2015	1 Day Special Lecture	Special Lecture on "Drivers for power 2030"	50
	17 <sup>th</sup> September, 2015	1 Day Special Lecture	Special Lecture on "Electrical Technologies for Off shore Winds"	50
	19 <sup>th</sup> -20 <sup>th</sup> January, 2016	Two days workshop jointly organized by Micro Pro & National Instruments Company and Tripura University on 18-19th January 2016	"LABVIEW with Real Time Data Acquisition and Control" (Coordinator : Dr. Champa Nandi)	24
	29 <sup>th</sup> Feb., 2016 to 4 <sup>th</sup> March, 2016	5 days workshop on a UGC NRCPS Program, jointly organized by Institute of radio Physics and Electronics and Department of EE, Tripura University	"PHOENICS 2016" (Coordinator : Dr. Champa Nandi)	55
Information Technology	14 <sup>th</sup> March to 19 <sup>th</sup> March, 2016	7 days	Statistical and Computing methods for Life Science data Analysis	30
	18 <sup>th</sup> November, 2015	7 days	Statistical Data Analysis Methods	30

Faculty members of Engineering & Technology departments are active members of 11professional learned societies. They have published 9 papers in indexed journals of India/Abroad. The details of these papers, the invited talks, etc. not mentioned above are given in the compact disc attached to this Report.

## **Departments of Social Sciences**

Name of Department	Head of the Department	Course Offered	Year of Establishment	Intake
History	Prof. Sukendu Debbarma	IMD, M.A. and Ph.D.	1987	M. A-80, IMD-20
Journalism and Mass Communication	Dr. Deepak Upadhyaya	M.A.	2009	JMC-20
Philosophy	Prof. Aditya Kumar Mohanty	IMD, M.A. and Ph.D.	1994	MA-80, IMD-15
Political Science	Prof. Chandrika Basu Majumder	IMD, M.A. and Ph.D.	1996	MA-80, IMD-15
Psychology	Prof. Satyadeo Poddar (Dean), Dr. R. Ganeshan, Coordinator	M.A., M.Sc. and Ph.D.	2011	M.A-20
Sociology	Dr. Sharmila Chhotaray, Head (i/c)	M.A. and Ph.D.	2011	M.A20

A few facts about the six Social Sciences Departments are given below:

The Department of History is one of the oldest departments of this University. The faculty are involved in running the Centre for Gandhian Studies, Manuscript Research Centre, Equal Opportunity Cell and the Anti-Ragging Committee. The Department organized a celebration on the contributions of Sardar Vallabhbhai Patel on his birthday.

The Department of Journalism and Mass Communications is active in both print and visual media. This department runs several seminars and workshops throughout the year. One notable program is a Media-Academia Interface program where editors of all the major newspapers and electronic media organizations in Agartala, Tripura delivered lectures and lead discussion sessions with students on the best practices of journalism today. There are sponsored projects on tribal cultures of Tripura and addiction to social media amongst the educated youths of the North-East.

The Department of Philosophy and Political Science are two of the most popular Departments in Tripura University and each have more than 70 Masters Students per year. In Philosophy Department various aspects of religion and ethics are studied. The faculty members of Political Science department are involved in running the Centre for Social Exclusion and Inclusivity Studies, Unnat Bharat Abhiyan, Women's Studies Centre, NET Coaching Centre and the University Film Club.

The young Departments of Psychology and Sociology are active in teaching, outreach activities and research. The faculty of Psychology has run a state level symposium on preventing the menace of suicide. The faculty member of Sociology department has interests in gender studies and sociology of religion. A visiting professor from University of Saskatchewan, Canada spent a week in the Department discussing various issues of religious studies. An e-learning module on Qualitative Research Methods has been developed in the department of Sociology.

	Information on Social Science Department	s					
SI. No.	Consolidated Statistical Data for Social Sciences group	Department of History	Department of Journalism and Mass Communication	Department of Philosophy	Department of Political Science	Department of Psychology	Department of Sociology
1	No. of Regular Faculty Members	8	3	7	8	2	2
2	No. of Guest Teachers/Contract Teachers	0	2	0	2	2	3
3	No. of Visiting Teacher/ Visiting Fellow	0	13	0	0	0	3
4	No. of Books published by the Faculty Members	0	0	0	1	0	1
5	No. of Book Chapters published by the Faculty Members	0	0	2	0	0	0
6	No. of Papers published by the Faculty Members in Indexed Journals	2	1	1	2	11	0
7	No. of Papers published by the Faculty Members in Other Journals	0	2	0	2	4	2
8	No. of Invited Talks Delivered by Faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc	8	0	7	4	8	3
9	No. of Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department	1	10	0	0	2	9
10	No. of Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper (maximum 4 per person)	8	2	6	5	5	9
11	Participation in E-Content creation programmes such as e-PG Pathshala, NME-ICT, MOOCs by the Department (in numbers)	0	0	0	2	0	2
12	No. of Interactions with Industry/ NGO / Govt. Organization	0	0	0	0	1	1
13	No. of Memberships in Professional / Learned Societies	0	3	0	3	0	4
14	No. of Orientation/ Refresher/ Faculty Development Courses attended by Faculty Members	0	0	2	0	2	1
15	No. of Teaching Laboratory	0	1	0	0	3	2
16	No. of Research Laboratory	0	1	0	0	1	0
17	No. of Major Instruments available in the Department	0	19	0	0	0	0
18	Total No. of On-going Research Projects in 2015-16	1	3	2	0	0	1
19	Total Grant received for On-going Research Projects (Rs. in lakhs)	5	38	3	0	0	11
20	Grant received for On-going Research Projects during the year (Rs. in lakhs)	2	11	0	0	0	7
21	No. of Awards/Medals/Honours received by the Teachers during the academic year 2015-16	0	0	1	0	0	0
22	No. of students qualified in various public examinations in the Academic year 2015-16 from the Department	8	6	20	0	0	6
23	Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16	1	0	4	7	3	2
24	No. of Awards/Medals/Honours received by the students during the academic year 2015-16	0	0	0	2	0	3
25	No. of Students Enrolled (Semester-I)	74	10	65	79	17	19
26	No. of Students Enrolled (Semester-III)	46	2	55	81	17	17
27	Total No. of Students Enrolled	120	12	120	160	34	36

The faculty members of Social Sciences departments have published 2 books as well as 2 book chapters. A list of the books published is given below:

Name of the Department	Authors	Title	Publishers	Year (2015- 16)	ISBN
Political Science	Alak Bhattacharya & Surajit Debnath	Crime Against Women with Reference to 498A case Studies	Akansha Publishing House, New Delhi	2016	978-81- 8370-453-3
Sociology	Surajit Debnath	Crime Against Women with reference to 498A: Case Studies	Akansha Publishing House, New Delhi	2016	978-81- 8370-453-3

The faculty members of Social Sciences departments were invited to deliver 30 lectures/talks in seminars/workshops/ colloquiums.

The total number of ongoing projects in these departments is 7. They have received 57 lakhs

(approximate) in sponsored projects. A list of ongoing projects is given below:

Departments	Principal Investigator	Co- Investigator	Funding Agency	Title of the Project	Total Grant (Rs. in lakhs)	Grant Received during the year	Tenure
History	Prof. Sukhendu Debbarma	-	Indian Council of Historical Research, New Delhi	Second World War and Tripura	5.00 lakhs	2,37,500.00 (Two lakhs thirty seven thousand five hundred only)	1 year
Journalism & Mass Communication	Sri Sunil Kalai	-	ICSSR	A study on Socio-economic Issues and Challenges of the Kalai Tribe in Tripura	Rs.8,00000.00 (Eight lakhs only)	3,20000.00 (Three lakhs twenty thousand only)	2 years
	Sri Sunil Kalai	Dr. Jayanta Choudhury	Tribal Research And Cultural Institution, Govt. of Tripura	Production of Full Length Film on 3 (Three) nos. of Selected Tribal Based Folk Tales of Tripura	Rs.20,00000.00 (Twenty lakhs only)	4,0000.00 (Four lakhs only)	2 years
	Dr. Deepak Upadhyaya	-	ICSSR	Digitally Enabled or Digitally Addicted Youths? A study of addiction to social media among the educated youths of Tripura, India	Rs.10,00000.00 (Ten lakhs only)	4,0000.00 (Four lakhs only)	2 years
Philosophy	Dr. Krishna Bhattacharya	-	UGC	Ethics of the Nastika Schools of Indian Philosophy	1.35	-	2 yrs.
	Dr. Arup Jyoti Sarma	-	ICPR	Kant's Moral Religion	1.5	-	2 yrs.
Sociology	Dr. Rajeev Dubey (PI)	-	UGC- Major Research Project	Socialising Process in New Hindu Religious Movements: A Comparative Study of Brahma Kumaris and Ramakrishna Mission	Rs.11,36,000/- (Eleven lakhs Thirty Six Thousand)	Rs.6,50,000.00 (Six lakhs fifty thousand only)	2015- 2018

A total of 17 research scholars have registered/ submitted/ been awarded Ph.D. degree in the academic year 2015-16 from the Social Sciences departments.

One award won by Faculty members from Social Sciences departments is listed below:

One award won by I acuty members from Social Sciences departments is listed below.								
Name of the Name of Teacher		Name of Awards/ Medals/	Date of Awards/	Awarding Agency/				
Department		Honours	Medals/ Honours	Institution				
Philosophy	Prof. Aditya Kumar Mohanty	Pratibha Samman Award	2016	Orissa Mining Corporation				

Students of the Social Sciences departments received 5 awards/prizes.

Name of the	Name of Students	Name of Awards/ Medals/ Honours	Date of Awards/	Awarding
Department			Medals/Honours	Agency/
				Institution
Political	Saikat Das Sharma	Best Speaker at Workshop on	January, 2016	Tripura University
Science		Swami Vivekanda	, i	
	Saikat Das Sharma	First Prize : Debate on Media and	March- April, 2016	Tripura University
		Ethics at UDBHAAS	·	1
Sociology	Bibaljoy Reang	Bronze Medal	November, 2015	Inter College
•				Cricket
				Tournament
	Thomas Malsom	Appreciation Certificate	17-21 January,	World Health
			2016	Organization
	Kushan Debbarma	Appreciation Certificate	17-21 January,	World Health
			2016	Organization

These Social Science departments have organized 22 workshops/seminars/symposia in the academic year 2015-16.

Name of the Department	Date	Duration	Title	No. of Participants
History	7 <sup>th</sup> to 9 <sup>th</sup> April, 2016	3 days	Life and Thought of Gandhi	80
Journalism & Mass Communication	08.08.15	One day	A Special Lecture on Journalism at Cross Roads by Prof. Saumendra Nath Bera, Department of Journalism and Mass Communication, Calcutta University	25
	17.08.15 and 18.08.15	Two Day	Two Day Documentary Film Festival organized by JMC Department, TU in collaboration with Film and Cultural Society of North East, Indira Gandhi Centre for the Arts, Indian Documentary Producers Association, and Goethe Institute	100
	19.08.15 and 20.08.15	Two day	Special Lectures on TV Journalism by Sri Sudipto Sengupta, Advisor and Consultant, 24 Ghanta News Channel, Kolkata	30
	23.09.15	One Day	Special Lecture on Emerging Issues of Media Laws and Ethics by Sri Debanjan Chakraborty, Director, Press Information Bureau Kolkata	60
	29.09.15 and 30.09.15	Two Day	Special lecture on history and development of journalism in India by Prof. K.V.Nagaraj, Mizoram University	30
	11.03.16	One Day	Media Academia Interface was organized with all the Editors of Press and Electronic Media of Tripura	30
	18.03.16	One Day	Special Media Academia Interface lecture programme by Sri Subal Dey, Editor Syandan Patrika on the topic-"Media and Journalism as a tool in Development Communication	25
	08.04.16	One Day	Special Media Academia Interface lecture programme by Smt. Paromita Livingstone, Managing Editor, Dainik Sambad on the topic—"Communication and Social Media in present times	25
	08.04.16	One Day	Special Lecture on Communication and Rasa Theory- a Comparative Analysis by Prof. Ravi Chaturvedi, Dean School of Media Studies, Manipal University, Jaipur	25
	15.04.16	One day	Special Media Academia Interface lecture Programme by Sri Pradip Dutta Bhowmik, Editor, Dainik Sambad on the topic-Newspaper Management and its different issues	25
Psychology	29 <sup>th</sup> September, 2015	One day	Workshop On 'Mental Health'	50
	10 <sup>th</sup> September, 2015	One day	State Level Symposium On 'Suicide Prevention'	300
Sociology	15 August, 2015	2 hours	Prof. Abhijit Mitra on 'Sociology and Everyday Life' and 'Understanding the Popularity of Fairy Tales'	Two Special Lectures

5-9 January, 2016	5 Days	Statistics workshop on 'Elementary Statistics, Quantitative and Computational Statistics'	Workshop (Jointly organized by Dept. of Sociology and Dept. of Microbiology)
8 March, 2016	1 hour 40 minutes	In the name of an Unborn Baby	Participatory Theatre by National School of Drama (TIE)
16 March, 2016	2 hours	Sri Narendu Bhattacharya, a Talk on 'Earthquake in the North East India'	Talk
1 April, 2016	2 hours	Prof. Ravi Chaturvedi on 'Social Stratification and Indian Theatre'	Special Lecture
22 April, 2016	2 hours	Prof. Braj M. Sinha on 'Scientific Temper and Social-Humanistic Orientation: Dimensions of Research Intensiveness in a Modern University'	Distinguished Lecture
5 April, 2016	1 hour 45 mints	Sri. Purushottam Roy Burman (Lawyer) Dr. Abhijit Mitraon 'Gender Sensitization on Sexual Harassment'	Workshop
9 May, 2016	1 hour	Prof. Manish Verma Development, Marginalization and Social Movement	Special Lecture
9 May, 2016	1 hour	Sri. Kedar Panda Collaborating Industry	Special Lecture

Faculty members of these Social Science departments have developed 02 interactions with industry/ NGO/ Govt. Organizations.

Departments	Faculty Names	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in Lakhs)	Student Placed? (If yes, No.)
Psychology	Dr. Anjana	Department of	Bangladesh	No	-	-
	Bhattacharjee	Psychology, T.U.				
Sociology	Dr. Sharmila	Al&FS (Tripura	Agartala	On Process	No	Applied
	Chhotaray	Bamboo Mission)				

Faculty members of these departments are active members of 10 professional learned societies. They have published 17 papers in indexed journals of India/ Abroad. The details of these papers, the invited talks, etc. not mentioned above are given in the compact disc attached to this Report.

### **Departments of Languages and Creative Arts**

Name of Department	Head of the Department	Year of Establishment	Course Offered	Intake
Bengali	Prof Satyadeo Poddar (Dean), Dept. Coordinator: Dr. Nirmal Das	1977	IMD,M.A. and Ph.D.	M.A- 90, IMD-15
English	Prof. Ashes Gupta	1987	IMD, M.A. and Ph.D.	M.A-100, IMD-30
Fine Arts	Dr. Rajesh Bhowmik, Head (i/c) [HoD from 25/05/2016]	2009	M.F.A. and Ph.D.	M.F.A-26
Hindi	Dr. Vinod Kumar Mishra (On deputation for Three Years since 14 <sup>th</sup> May, 2016) , Prof. Satyadeo Podder (Dean) w.e.f. 15 <sup>th</sup> May, 2016, Dr. M.R. Jamatia, Coordinator	2006	IMD, M.A. and Ph.D.	M.A-20, IMD-10
Kokborok	Prof. Sukhendu Debbarma	2015	Certificate, PG Diploma and M.A.	M.A-50
Music	Dr. Utpal Biswas, Head (i/c)	2009	M.A. in Music Hindustani Classical and Kathak Dance and Ph.D.	M.A-20
Sanskrit	Dr. Chandan Kumar Chakraborty	1977	M.A. and Ph.D.	80

A few facts about the seven Departments of Languages and Creative Arts are given below:

All these departments are involved with the study of literature and culture of Tripura and north-east India. In the department of Bengali faculty and scholars study the folklore of north-east as well as the literature of several prominent Bengali writers. They conducted an international seminar on Adwaitta Mallabarman. The departments of English and Hindi are involved with translation from Bengali & Kokborok into English or vice-versa. The department of English has developed ties with publishers such as National book trust of India and Sage publishers. These publishers have conducted workshops on book publishing to impart skills to the students of the department.

The Department of Fine Arts, is offering Ph.D. and Masters Degree in Fine Arts on the specializations of Drawing & Painting, Modeling & Sculpture and Doctoral programmes. An Annual Art Exhibition is held on every year in this department to develop the professional activities among the students. In every year, the skilled students are achieving invitation from different organizations like Lalit Kala Akademi, Srimanta Sankardeva Kalakshetra and renowned art galleries to perform and present their artworks.

The Department of Hindi conducts several workshops throughout the year. One of the most interesting national workshops was on Hinditar Bhashi Hindi Navlekhak Shivir.

The Department of Kokborok started from the session 2015-16. The vision of the Department is to take up research on Kokborok language and literature and to document endangered languages of Tripura. The languages and literatures of other tribal languages of Tripura will also be given thrust. At the same time to do comparative research on Kokborok and sister languages such as Bodo, Garo, Dimasa, Rabha, Tiwa etc. This department has become one of the most sought after department for master studies.

The Department of Music of Tripura University is the only department in the entire NER of India which is offering P.G degrees in Music (Vocal) and Dance (Kathak). The department is connected to most of the prestigious Institutions of the country such as Delhi University, Benaras Hindu University, Rabindra Bharati University, Punjab University, Indira Kala Sangeet Biswavidyalaya etc in various areas of academics. Faculties, students and accompanies of department of music are enthusiastic participants of almost all cultural functions, including annual cultural function Udbhaas organized by in Tripura University.

The department of Sanskrit is active in promoting Sanskrit grammar and literature not only in the University but in the entire state.

	Information on Languages and Creative Arts Departments								
SI. No.	Consolidated Statistical Data for Languages, Creative Art & Communication group	Department of Bengali	Department of English	Department of Fine Arts	Department of Hindi	Department of Kokborok	Department of Music	Department of Sanskrit	
1	No. of Regular Faculty Members	6	7	3	4	3	2	7	
2	No. of Guest Teachers/Contract Teachers	2	2	2	3	2	2	1	
3	No. of Visiting Teacher/ Visiting Fellow	1	0	0	1	1	3	0	
4	No. of Books published by the Faculty Members	6	1	0	1	0	0	0	
5	No. of Book Chapters published by the Faculty Members	3	0	0	0	0	0	3	
6	No. of Papers published by the Faculty Members in Indexed Journals	0	0	0	5	0	0	0	
7	No. of Papers published by the Faculty Members in Other Journals	6	11	0	0	0	0	6	
8	No. of Full Papers published in the proceedings of Conference/ Seminar/ Symposium etc	0	0	0	4	0	0	3	
9	No. of Invited Talks Delivered by Faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc	0	5	1	3	0	1	7	
10	No. of Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department	3	2	2	5	0	1	4	
11	No. of Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper (maximum 4 per person)	4	11	17	7	1	5	33	
12	Participation in E-Content creation programmes such as e-PG Pathshala, NME-ICT, MOOCs by the Department (in numbers)	0	0	0	10	0	0	0	
13	No. of Memberships in Professional / Learned Societies	0	3	1	3	2	1	13	
14	No. of Orientation/ Refresher/ Faculty Development Courses attended by Faculty members	0	0	1	1	0	1	2	
15	No. of Teaching Laboratory	0	0	4	0	0	0	0	
16	No. of Research Laboratory	0	0	1	0	0	0	0	
17	Total No. of On-going Research Projects in 2015-16	0	0	3	1	0	0	0	
18	Total Grant received for On-going Research Projects (Rs. in lakhs)	0	0	22	6	0	0	0	
19	No. of Awards/Medals/Honours received by the Teachers during the academic year 2015-16	0	0	0	1	0	0	0	

20	No. of students qualified in various public examinations in the Academic year 2015-16 from the Department	3	6	3	1	0	0	7
21	Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16	18	8	1	3	0	1	6
22	No. of Awards/Medals/Honours received by the students during the academic year 2015-16	0	0	2	0	0	0	1
23	No. of Students Enrolled (Semester-I)	82	99	4	9	50	23	64
24	No. of Students Enrolled (Semester-III)	93	90	20	4	49	22	37
25	Total No. of Students Enrolled	175	189	24	13	99	45	101

The Languages and Creative Arts Departments have been very active in teaching, research and outreach in the year 2015-16.

They have published 8 books and as well as 6 book chapters. A list of the Books published is given below:

given belo	· ·				
Name of the Department	Authors	Title	Publishers	Year (2015-16)	ISBN
Bengali	Dr. Nirmal Das	Shatabdir Tripura (Jointly Edited)	Akshar Publications, Agartala, Tripura	January, 2016	81-86802- 89-4
		Biswasera Rupkatha	Tulsi Publishing House, Agartala, Tripura West	2016	978-93- 85713-04-0
		Tripurar Valo Laga Lokakatha	Akshar Publications, Agartala, Tripura	2016	978-93- 84079-34-5
		Bibarna Somoyer Kathamala (Short stories)	Tripura Bani Prakashani Dutta Super Market Agartala, Tripura,799001	May, 2016	978-81- 88997-85-5
	Dr. Rintu Das	Manane Srijane Rabindranath O Dwijendralal	Parijat Prakashani, Dhaka, Bangladesh	February, 2016	978-984- 507-242-9
		Ashok Bijoy Raha O Tar Kabya Bhabna	Ashrut, Agartala	February, 2016	2454-7859
English	Prof. Shyamal Das (Co-author)	Kokborok Morphology and Phonology	Akansha Publishing House, ND	2015	978-81- 8370-421-2
Hindi	Dr. Milan Rani Jamatia (As one of the Resource Person)	Contribution to Prepared Hindi Kokborok Adhyeta Kosh (Hindi Kokborok Learner's Dictionary)	Kendriya Hindi Sansthan, Agra	2015	-

The faculty members of these departments were invited to deliver 17 talks/lectures in seminars/workshops/colloquiums.

The total number of ongoing projects in these departments is 4. They have also received 28 lakhs (approximately) in sponsored projects. A list of ongoing major projects is given below:

Departments	Principal Investigator	Co- Investigator	Funding Agency	Title of the Project	Total Grant (Rs. in lakhs)	Grant Received during the year	Tenure
Fine Arts	Dr. Rajesh Bhowmik	-	Ministry of Textiles, Government of India	Representing the Heritage: Textile design of North- Eastern region of India	12,00,000	-	1 yr.
			ICSSR, New Delhi	World of Traditional Mask: A study of North-East India, Nepal	7,00,000	-	3 yrs.
			ICHR, New Delhi	The Royal and Court Paintings of Tripura	2,50,000	-	3 yrs.

Hindi	Dr. Milan	Mr.	TRI, Govt. of	"Mapping with	6 lakhs	Nil	6 months
	Rani	Bishwajit	Tripura,	respect to Jamatia			
	Jamatia	Jamatia	Agartala	tribes in Tripura-			
				focusing on habitats,			
				resource, resource			
				based livelihood			
				pattern, issue of land			
				alienation 7			
				displacement, health,			
				education and			
				housing status etc."			

A total of 37 research scholars have registered/ submitted/ been awarded Ph.D. degree in the academic year 2015-16.

### Awards won by faculty members from these departments:

Name of the Department	Name of Teacher	Name of Awards/ Medals/ Honours	Date of Awards/ Medals/ Honours	Awarding Agency/ Institution
Hindi	Dr. Jai Kaushal	II position in International Hindi Essay Competition - 2015	14 <sup>th</sup> January, 2016	World Hindi Secretariat, Mauritius

#### Students from these departments received 3 awards in the academic year 2015-16.

Bradents Hom	stadents from these departments received a avvariabilit the deductine year 2015 10.					
Name of the	Name of	Name of Awards/Medals/	Date of Awards/	Awarding		
Department	Students	Honours	Medals/Honours	Agency/Institution		
Fine Arts	Prasun Datta	54 <sup>th</sup> Paintings & Sculptures Exhibition Award	31 <sup>st</sup> Dec, 2015	Tripura Rabindra Parishad		
	Shilpi Debnath	54 <sup>th</sup> Paintings & Sculptures Exhibition Award	31 <sup>st</sup> Dec, 2015	Tripura Rabindra Parishad		
Sanskrit	Raju Das	3 <sup>rd</sup> Prize in Judo	March, 2016	Ministry of Youth affairs &Sports, Govt. of India		

### They have organized 17 workshops/seminars/symposia in the academic year 2015-16.

Name of the Department	Date	Duration	Title	No. of Participants
Bengali			Prak-Janma Shatabarse Sahityik Narendranath Mitra	50
	3 <sup>rd</sup> & 4 <sup>th</sup> March, 2016	2 Days	International Seminar on Adwaitta Mallabarman	50
	9 <sup>th</sup> May, 2016	1 Day	Rabindra Janma Joyanti	-
English	7 <sup>th</sup> to 14 <sup>th</sup> July, 2015	7 Days	'Certificate Course in Book Publishing', sponsored by National Book trust, MHRD, Govt. of India	117
	16 <sup>th</sup> May, 2016	4 Hrs.	Popular talk and interaction : Publishing in India by Ms. Sharmila Abraham, Vice President, Commissioning, SAGE	100
Fine Arts	31 <sup>st</sup> Jan to 04 <sup>th</sup> Feb, 2016	5 Days	7th Annual Paintings and Sculptures Exhibition, 2016, Tripura University	24
	4 <sup>th</sup> May, 2016	1 Day	"Art as a promoter of human unity & understanding"	30
Hindi	05 <sup>th</sup> -12 <sup>th</sup> October, 2015	8 Days	Hinditar Bhashi Hindi Navlekhak Shivir (National Workshop)	35
	3 <sup>rd</sup> - 4 <sup>th</sup> March, 2016	2 Days	Purvottar Bharat ka Katha Sahitya (National Seminar)	85
	23 <sup>rd</sup> August, 2015	1 Day	Tulsi: Kal, Aaj aur Kal (Talk) Delivered by Prof. Chandrakala Pandey, Kolkata University	20
	28 <sup>th</sup> August, 2015	1 Day	Mohan Rakesh ki Prasangikta (Talk) Prof. Devraj, MGAHV, Wardha Rajendra Yadav: Ek Apratim Vyaktitva (Talk) Delivered by Prof. Kumar Pankaj, BHU, Varanasi& Prof K.M. Jha, Assam University, silchar	20
	20 <sup>th</sup> January, 2016	1 Day	Pragatishil Alochana (Talk) Delivered by Prof. S.P. Singh Chauhan, Assam University, Silchar	20

Music	11 <sup>th</sup> May to 17 <sup>th</sup>	7 days	Nuances of kathak dance	40
	May, 2016			
Sanskrit	05/10/2015	One day Special Lecturer	Basics of Speaking in Sanskrit Grammar	Approximately 100
	18/01/2016	One day Special Lecturer	The method of studying the Paninian Grammar	Approximately 100
	16-18/03/2016	3-day National Seminar	Texts, Manuscripts and oral Traditions of Tripura	Approximately 100
	11/05/2016	One day Special Lecturer	The Entirety of the Valmiki-Ramayana	More than 100

Most of the faculty members are active members of 23 professional learned societies. They have published 5 papers in indexed journals of India/ Abroad. The details of these papers, the invited talks, etc. not mentioned above are given in the compact disc attached to this Report.

# **Departments of Economics, Management and Law**

Name of Department	Head of the Department	Year of Establishment	Course Offered	Intake
Business Management	Prof. Prahlad Debnath, Prof. Ashish Nath (from 10/05/2016)	2005	Master in Business Administration and Ph.D.	MBA-60
Commerce	Prof. Pralay Kumar Haldar, Prof. Prallad Debnath (from 01/01/2016)	1988	M. Com. (Accounting), M. Com. (Finance), Ph D, Post Graduate Diploma in Finance & Taxation (PGDFT)	M. Com75
Economics	Dr. Jahar Debbarma	1978	IMD, M.A. and Ph.D.	PG-26, IMD- 15
Law	Prof. Satyadeo Poddar (Dean), Dr. Arobindo Mahato, Head (i/c)	2011	LLM and Ph.D. (Law)	LLM-15
Rural Management and Development	Dr. Jayanta Choudhury, Head (i/c)	2006	Masters in Rural Management and Development, Ph.D.	MRMD-40

A few facts about the three Departments of Economics, Management and Law are given below:

Department of Business Management is popular with the students. It brings an eminent visiting faculty to inspire both MBA and BBA students. However, the NAAC team recommended discontinuation of BBA programme from 2016-17. The Department of Commerce have planned to introduce one year Diploma Course in finance and taxation. They organised several workshops and seminars throughout the year. The Department of Economics has received a special assistance programme (SAP) grant from UGC and perform research on various aspects of economy of the North-East. Several faculty members and research scholars of the Department are actively involved in running Tripura Economic Society. The young Department of Rural Development and Management is active in uplifting the living condition in nearby villages. The Law Department has suffered from the lack of regular faculty, however, the University has recruited several guest faculty and visiting faculty members to run the masters course in the Department.

	Information on Economics, Management and Law Departments					
SI. No.	Consolidated Statistical Data for Economic Science, Management & Law group	Department of Business Management	Department of Commerce	Department of Economics	Department of Law	Department of Rural Management and Development
1	No. of Regular Faculty Members	5	6	7	2	3
2	No. of Guest Teachers/Contract Teachers	4	0	2	3	1
3	No. of Visiting Teacher/ Visiting Fellow	2	2	0	2	0
4	No. of Books published by the Faculty Members	0	1	3	0	1
5	No. of Book Chapters published by the Faculty Members	1	6	2	0	2
6	No. of Papers published by the Faculty Members in Indexed Journals	4	18	3	17	4
7	No. of Papers published by the Faculty Members in Other Journals	0	0	2	0	0
8	No. of Full Papers published in the proceedings of Conference/ Seminar/ Symposium etc.	0	0	3	0	4
9	No. of Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc	2	13	4	1	5
10	No. of Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department	0	0	2	0	3

11	No. of Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper (maximum 4 per person)	5	3	33	6	21
12	No. of Memberships in Professional / Learned Societies	3	6	15	0	1
13	No. of Orientation/ Refresher/ Faculty Development Courses attended by Faculty members	0	1	1	0	0
14	Total No. of On-going Research Projects in 2015-16	5	0	0	0	5
15	Total Grant received for On-going Research Projects (Rs. in lakhs)	26	0	0	0	14
16	Grant received for On-going Research Projects during the year (Rs. in lakhs)	4	0	0	0	10
17	No. of Awards/Medals/Honours received by the Teachers during the academic year 2015-16	1	0	0	0	0
18	No. of students qualified in various public examinations in the Academic year 2015-16 from the Department	0	3	2	2	4
19	Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16	0	6	5	6	4
20	No. of Awards/Medals/Honours received by the students during the academic year 2015-16	0	0	0	0	1
21	No. of Students Enrolled (Semester-I)	58	82	32	15	40
22	No. of Students Enrolled (Semester-III)	38	36	11	12	30
23	Total No. of Students Enrolled	96	118	43	27	70

The faculty members of Economics, Management and Law have published 5 books as well as 11 book chapters. A list of the published books is given below:

Name of the Department	Authors	Title	Publishers	Year (2015-16)	ISBN
Commerce	Dr. Subir Kumar Sen	Monograph on Regional Disparity and Convergence: Evidence from State wise Devolution of Rural Infrastructure Development Fund in India	New Delhi Publishers, New Delhi	September, 2015.	978-93-85503-34-4
Economics	Bhowmik, Indraneel & PK Vishwanathan	Emerging Labour Relations in the Small Rubber Plantations of Tripura	Centre for Development Studies, Thiruvananthapuram	2015	NRPPD Discussion Paper No 47 http://cds.edu/wp- content/uploads/2015/07/4 7_Indraneel.pdf
	Salim Shah and Niranjan Debnath	Regional and Social Disparity: A Special Focus on Tripura	Progressive Publishers, Kolkata	2015	978-81-8064-234-0
	Salim Shah and Sanjeev K. Bansal (Editors)	Business and Management: Some Emerging Issues	Mitram, Kolkata	2015	978-93-80036-88-5
Rural Management and Development	Jayanta Choudhury	Tribal Development in Tripura: An Assessment of Tribal Sub Plan	Tribal Research & Cultural Institute, Govt. of Tripura	2016	978-81-927167-5-6

The faculty members of Economics, Management and Law departments were also invited to deliver 25 lectures/talks in seminars/workshops/colloquiums.

The total number of ongoing projects in these departments is 10. They have received 40 lakhs (approx) in sponsored projects. A list of the ongoing projects is given below:

Departments	Principal Investigator	Co- Investigator	Funding Agency	Title of the Project	Total Grant (Rs. in	Grant Received during	Tenure
					lakhs)	the year	
Business Management	Manish Das	-	ICSSR	Consumer Demographics, Consumption Habits, Acculturation to Global Consumer Culture (AGCC) and Consumer Ethnocentrism: A rural India Perspective with special reference to Tripura.	7	2.8	2 years
	Dr. Rajesh Chatterjee	Dr. Debarshi Mukherjee	DEAR, NABARD	Assessment of Impact of Rural Infrastructure and Services vis-a-vis Regional Disparities impairing Socio-Economic Growth: An Analytical Study over Tripura	11.23	-	6 months
	Dr. Rajesh Chatterjee	Dr. Debarshi Mukherjee	ICSSR, MHRD	Assessment of Influencing Factors Distressing Rural Micro Entrepreneurship Growth of Tripura	3	-	2 years
	Dr. Rajesh Chatterjee	Dr. Debarshi Mukherjee	ONGC Tripura	Entrepreneurship & NGO Management: An ONGC CSR Project	2.95	-	2 years
	Dr. Debarshi Mukherjee	-	National Institute of Technology, Arunachal Pradesh	Content uploading and creating for Online MBA programme	1.5	0.75	2 years
Rural Management and Development	Dr. Jayanta Choudhury	Dr. Samrat Goswami	Indo-German Development Project, Department of Forest, Govt. of Tripura	Impact Monitoring of IGDC Project	5.44	5.44	6 months
	Dr. Jayanta Choudhury	-	Tribal Research & Cultural Institute, Govt. of Tripura	Impact of Vocational Training Provided to Returnees (post 98)	3.00	3.00	6 months
	Dr. Jayanta Choudhury	-	Tribal Research & Cultural Institute, Govt. of Tripura	Role of EMR and Ashram School in Imparting Education among Tribal Students	2.00	2.00	6 months
	Dr. Arobindo Mahato	-	NEUPA	Clench towards RTE- 2009 in Elementary Level Education of North-East, India	1.00	-	2 years
	Dr. Arobindo Mahato	-	ONGC	Financial support on Rural Reconstruction program for NGO Management & Entrepreneurship	2.95	-	2 years

A total of 20 research Scholars have registered/submitted/been awarded Ph.D. degree in the academic year 2015-16 from Economics, Management and Law departments.

Awards won by the faculty members of Economics, Management and Law:

Name of the	Name of Teacher	Name of Awards/ Medals/	Date of Awards/	Awarding Agency/
Department		Honours	Medals/ Honours	Institution
Business	Mr. Manish Das	Third best paper in CERE	8.5.2016	IIM Indore
Management		2016 international		
		conference.		

One student from the Department of Rural Management and Development has received 1 award/prize.

Name of the	Name of	Name of Awards/ Medals/	Date of Awards/	Awarding
Department	Students	Honours	Medals/Honours	Agency/Institution
Rural	Mr. Debabrata	Indira Gandhi National	19 <sup>th</sup> November, 2015	Ministry of Youth Affairs
Management	Das	Service Scheme (IG NSS)		And Sports, Government
and		Award For The Year 2014 To		of India at Rastrapati
Development		2015		Bhaban, New Delhi

The faculty of Economics Management and Law has organized 5 workshops/seminars

/symposia in the academic year 2015-16.

Name of the Department	Date	Duration	Title	No. of Participants
Rural Management	12 <sup>th</sup> to 13 <sup>th</sup> Jan, 2016	2 days	Workshop for students to volunteer for constructive work	125
and Development	15 <sup>th</sup> to 16 <sup>th</sup> Jan, 2016	2 days	Workshop on using traditional and indigenous folk culture to promote Beti Bachao Beti Padhao initiative in Tripura: A Cultural Interaction	200
	9 <sup>th</sup> Feb, 2016	1 day	Volunteers campaign in Minority village of Tripura	50
Economics	21 <sup>st</sup> Dec, 2015	1 day	Prof. J.B. Ganguly Memorial Lecture: Role of Nature in Economic Science	60
	May, 2016	1 day	State Level Consultation on Situational Analysis of Children and Woman in Tripura,2016	50

Faculty members of this group are active members of 25 professional learned societies. They have published 46 papers in indexed journals of India/Abroad. The details of these papers, the invited talks, etc. not mentioned above are given in the compact disc attached to this Report.

### **Departments of Education**

Name of	Head of the Department	Year of	Course Offered	Intake
Department		Establishment		
Education	Dr. Tinku De (Gope), Head (i/c)	2011	MA, IMD, Ph.D.	M.A-20
Physical	Dr. Prasanta Kumar Das	2011	M.P.Ed, Ph.D.	Ph.D16, M.P.Ed. (To be
Education				determined)

A few facts about the two Departments of Education are given below:

The young Department of Education imparting MA Education and Ph.D. in Education is active in various research activities. The faculty members are helping the University to establish a School of Education. Thirteen students of the Department have qualified in NET/JRF. Another young Department of Physical Education has taken the lead in organising various sports and yoga activities in Tripura University. The faculty and scholars of the Department have been the main organisers of the East-Zone and All India Men's Volleyball Competition held in February, 2016. The Department is designing various courses on Yoga and Self Defence and Physical Education for the benefits of the master students under the CBCS programme.

	Information on Education Departments						
SI. No.	Consolidated Statistical Data for Education group	Department of Education	Department of Physical Education				
1	No. of Regular Faculty Members	3	4				
2	No. of Books published by the Faculty Members	0	1				
3	No. of Papers published by the Faculty Members in Indexed Journals	0	2				
4	No. of Papers published by the Faculty Members in Other Journals	3	0				
5	No. of Full Papers published in the proceedings of Conference/ Seminar/ Symposium etc.	0	1				
6	No. of Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc	0	1				
7	No. of Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department	3	2				
8	No. of Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper (maximum 4 per person)	0	6				
9	No. of Memberships in Professional / Learned Societies	0	2				
10	No. of Orientation/ Refresher/ Faculty Development Courses attended by Faculty members	0	1				
11	No. of Teaching Laboratory	2	5				
12	No. of Research Laboratory	8	5				
13	No. of Major Instruments available in the Department	3	30				
14	Total No. of On-going Research Projects in 2015-16	1	0				
15	Total Grant received for On-going Research Projects (Rs. in lakhs)	8	0				
16	No. of students qualified in various public examinations in the Academic year 2015-16 from the Department	4	2				
17	Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16	5	9				
18	No. of Students Enrolled (Semester-I)	22	0				
19	No. of Students Enrolled (Semester-III)	21	0				
20	Total No. of Students Enrolled	43	0				

Details of published books are given below:

Name of the	Authors	Title	Publishers	Year	ISBN
Department Physical	Dr. Saniib Kumar Bhowmik.	Physical Education	OSWAL	(2015-16) 2016	978-93-
Education	Dr. Raji Philip, M.K Gulia	(CBSE, for Class XII)	Publication, AGRA-	2010	5178-162-2
			282002		

The faculty members from these Departments were invited to deliver 1 talk/lecture in seminar/Workshop/Colloquiums.

The total number of ongoing projects in these departments is 1. They have also received 8 lakhs (approximately) in sponsored projects. The list of ongoing major projects is given below:

Department	Principal Investigator	Co- Investigator	Funding Agency	Title of the Project	Total Grant (Rs. in lakhs)	Grant Received during the year	Tenure
Education	Dr. Rajendra Prasad	Dr. Tinku De (Gope)	Indian Council Social Sciences Research. New Delhi	Internet Usage and Study Habit, Academic Achievements of Secondary Students of West Tripura	8 lakhs	-	20 <sup>th</sup> December, 2014 to 20 <sup>th</sup> December, 2016

A total of 14 scholars have registered/submitted/ been awarded with Ph.D. degree in the academic year 2015-16.

They have organized 5 workshops/seminar/symposia in the academic year 2015-16.

Department	Date	Duration	Title	No. of Participants
Education	30/09/2015	Two hours Special Lecture by Prof Ashok K. Srivastava, Head, Division of Educational Research (DER) National Council of Educational Research and Training (NCERT) Sri Aurobindo Marg, New Delhi	Quantitative and Qualitative Approaches to Research"	70
	07/10/2015	Two hours Special Lecture by Prof Nityananda Pradhan Head, Department of Extension Education North East Regional Institute of Education National Council of Educational Research and Training (NCERT)	"Mixed Research Methodology"	60
	12/01/2016	One day workshop cum Extempore Competition	Swami Vivekananda's Call to the youth of India	300
Physical Education	14 to 20 June, 2016	7 days	Workshop on Yoga	20
	21 <sup>st</sup> June, 2016	2 hrs	Observance of International Day of Yoga	200

Faculty members of this group are active members of 2 professional learned societies. They have published 2 papers in indexed journals of India/Abroad. The details of these papers, the invited talks, etc. not mentioned above are given in the compact disc attached to this Report.

### **University Centres**

Name of the centre	Head/ Coordinator	Year of Establishment	Course Offered	Intake
Bamboo Cultivation and Resource Utilization Centre	Prof. Ajoy Krishna Saha	2006	Post Graduate Diploma (PGD) in Bamboo Cultivation and Resources Utilization (BCRU)	20
Centre for Study of Social Exclusion and Inclusive Policy	Prof. K. N. Jena	2008	Post Gradate Diploma in Tribal & Ethnic Study (PGDTES) & Ph, D. (in Social Exclusion and Inclusive Policy).	PG Diploma- 20
Women's Studies Centre	Prof. Chandrika Basu Majumder	2011	-	-

## Post Graduate Diploma (PGD) in Bamboo Cultivation and Resources Utilization (BCRU)

The Centre for Bamboo Cultivation & Resource Utilization was established in 2006 with financial support from National Council of Rural Institutes, MHRD, Govt. of India and Tripura University. The vision of the centre is to motivate and impart knowledge and skill on bamboo curriculum to students of Northeast India. One year PGD course of two semesters at the centre is a unique endeavour of its kind for generation of self—employment to youths of this region and also promote local traditions of bamboo handicrafts. The centre also offers an elective paper of two credits to main streams of Arts, Commerce, and Science students of this University. BCRU centre has also developed a bamboosetum (Bamboo Garden) rich with 31 species of Northeast India to promote research and development in bamboo cultivation and germplasm conservation.

#### Centre for Study of Social Exclusion and Inclusive Policy

The vision of this teaching-cum-research centre is to pursue the Indian constitutional objective. The centre is working for developing the an understanding the nature, extent, and forms of social exclusion, discriminations at an empirical level and formulating policies for protecting the rights of marginalized section people like ST,SC,OBC and minorities. The centre is a pioneer in introducing PGDTES course in NE region. The activities of the centre are well appreciated by UGC-NAAC, ICSSR-MHRD of the Govt. of India.

#### **Women's Studies Centre**

The Women's Studies Centre, Tripura University is a UGC sponsored scheme, established in the year 2011. In order to fulfil the criteria of phase I, Women's Studies Centre, Tripura University followed the guide lines of Development of Women's Studies in Indian Universities and Colleges, in the eleventh plan of UGC. Following the guidelines of UGC, Women's Studies Centre, and Tripura University has extensively worked on independent research, legal advocacy, documentation, training and extension programme. Through its activities, the centre has tried to generate awareness about the role of women in society and civilization as a whole, by conducting various seminars, workshops and interaction programmes, the centre assess women's contribution to the social processes and find out women's own perception of their lives, the broader social reality and their struggles and aspirations. Within its research activities, WSC attempt to assess the roots and structures of inequality in the society and facilitate research in areas relating to women and gender studies

with special emphasis on issues related to women in Tripura. Engaged in carrying out these activities, the centre is now empowered to act as full-fledged research centre. We hope, the centre will contribute to the visibility of women's issues and open the avenues for a dialogue in multi-disciplinary collaboration in research and teaching. As the centre has successfully fulfilled the allotted activities of phase–I, the university is looking forward to accumulate the experience of 2nd phase. The centre will serve as nodal centre for teaching, research and documentation in the field of Women's Studies in the State. Hence, the centre has stepped forward to run its Post Graduate Diploma in Women's Studies from the Academic Session 2016-2017.

	General Introduction on University Centres					
SI. No.	Consolidated Statistical Data for University Centres	Bamboo Cultivation and Resource Utilization	Centre for Study of Social Exclusion and Inclusive Policy	Women's Studies Centre		
1	No. of Regular Faculty Members	0	2	1		
2	No. of Guest Teachers/Contract Teachers	1	0	2		
3	No. of Visiting Teacher/ Visiting Fellow	10	0	0		
4	No. of Books published by the Faculty Members	0	1	0		
5	No. of Papers published by the Faculty Members in Indexed Journals	7	0	2		
6	No. of Invited Talks Delivered by Faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc	0	5	4		
7	No. of Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized	0	1	3		
8	No. of Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Centres organized by Institutions/Agencies other than Tripura University without publications of full paper (maximum 4 per person)	0	1	4		
9	Participation in E-Content creation programmes such as e-PG Pathshala, NME-ICT, MOOCs by the centre	0	1	0		
10	No. of Interactions with Industry/ NGO / Govt. Organization	5	1	5		
11	No. of Memberships in Professional / Learned Societies	2	0	0		
12	No. of Orientation/ Refresher/ Faculty Development Courses attended by Faculty members	1	0	0		
13	No. of Teaching Laboratory	2	0	0		
14	No. of Research Laboratory	1	0	0		
15	No. of Major Instruments available	10	0	5		
16	Total No. of On-going Research Projects in 2015-16	1	3	0		
17	Total Grant received for On-going Research Projects (Rs. in lakhs)	3	17	0		
18	Grant received for On-going Research Projects during the year (Rs. in lakhs)	3	10	0		
19	No. of students qualified in various public examinations in the Academic year 2015-16	0	3	0		
20	Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16	0	3	0		
21	Total No. of Students Enrolled	8	21	NA		

#### Detail of the book published by the Faculty member:

Author	Title	Publishers	Year (2015-16)	ISBN
Nanigopal Debnath	Social Exclusion: Causes and Consequences	Akansha Publishing House, New Delhi-110002	2016	978-81- 8370-458-8

The faculty members from these centres were invited to deliver 9 talks in seminars /workshops/ colloquiums. The total number of ongoing projects in this group is 5. They have received 20 lakhs approximately in sponsored projects. A list of ongoing projects is given below:

Centre	Principal Investigator	Co- Investigator	Funding Agency	Title of the Project	Total Grant (Rs. in) lakhs)	Grant Received during the year	Tenure
BCRU	Dr. Koushik Majumdar	Prof. B. K. Datta	Tripura Biodiversity Board (TBB),	Ecological assessment of western hoolock gibbon's habitats, preferred foraging plants diversity and status in Tripura, Northeast India	2.84 lakhs	2.84 lakhs	1 year
CSSEIP	Dr. Rajesh Chatterjee	Dr. A. Mahato Dr. D. Mukherjee (Consultant)	DEAR, NABARD, Mumbai	Assessment of Impact of Rural Infrastructure and Services vis-a-vis Regional Disparities impairing Socio-Economic Growth: An Analytical Study over Tripura	11.23 lakhs	7.50 lakhs	8 months
		Dr. D. Mukherjee	ICSSR, New Delhi	Assessment of Influencing Factors Distressing Rural Micro- Entrepreneurship Growth of Tripura	3 lakhs	-	1.5 yrs
		Dr. A Mahato	ONGC- Agartala	NGO Management & Entrepreneurship Development	2.95 lakhs	2.35 lakhs	2 yrs

<sup>3</sup> Scholars have registered/ submitted/ been awarded Ph.D. degree in the academic year 2015-16 from the centres.

They have also organized 4 workshops/seminars/symposia in the academic year 2015-16.

			1 2 1	2
Name of the Centres	Date	Duration	Title	No. of Participants
CSSEIP	15" April, 2016	1 Day	Life and Philosophy of Dr. Br. R. Ambedkar	50
Women's Studies	08/03/2016	1 Day	Observation of International Women's Day 2016	-
Centre	29/03/16 & 30/03/16	2 Days	A Two Day Legal Awareness Programme	100
	05/04/16	1 Day	Gender Sensitization Programme on Anti-Sexual Harassment in Institutional Setup	50

The centres have collaborations with 11 different industries, NGOs and Government organizations.

Name of the Centre	Name of Industry/ NGO	Location of Industry	MOU Signed? (Yes/No)	Any Grant Received? (If yes value in lakhs)	Student Placed? (If yes No.)
BCRU	Forest Department, Govt. of Tripura	Agartala	No	-	Yes
BCRU	BCDI, Govt. of India	Agartala	Yes	-	Yes
BCRU	JICA Project, Tripura	Agartala	No	-	Yes
BCRU	Tripura Biodiversity Board (TBB),	Agartala	No	-	Yes
BCRU	Medicinal Plant Board of Tripura (MPBT)	Agartala	No	-	Yes
CSSEIP	ONGC-Àgartala	Agartala	No	2.95 lakhs	No
Women's Studies	Tripura Commission for Women,	Agartala, Tripura	'No	-	No

Women's Studies	Chetana Institute for Women's Studies	Agartala, Tripura	No	-	No
Women's Studies	Tripura Legal Service Authority	Agartala, Tripura	No	-	No
Women's Studies	RGNIYD	Tamil Nadu, India	No	-	No
Women's Studies	Manabi Social Organisation	Agartala, Tripura	No	-	No

The faculty members of these centres are active members of 2 professional learned societies. They have published 9 papers in indexed journals of India/Abroad. Other details not mentioned above are given in the compact disc attached to this Report.

#### **Vocational Degree Programmes**

Name of programme	Head /Coordinator	Year of Establishment	Course Offered	Intake
B.Voc. in Film and Video Production	Prof. R. K. Nath (Coordinator), Dr. Deepak Upadhyaya (Asst. Coordinator)	2015	B. Voc in Film and Video Production	30
B.Voc. in Rubber Technology	Prof. R. K. Nath	2015	B. Voc in Rubber Technology	30

#### **B.Voc. in Film and Video Production**

The B. Voc Film and Video Production course was launched in the year 2015. It is a skill based course. This course is equivalent to a bachelor degree. The course is approved by the UGC and National Skill Development Corporation (NSDC). Media and Entertainment Skill Council (MESC) is the sector skill council for this programme. The course is designed to impart hands-on training to students in the field of film making and video production. The course structure emphasizes on both theoretical and practical aspects of film and video production. The primary goal of the course is to prepare skilled personnel by providing them with the desired level of competence required to get an entry to film industries. Moreover, students can opt for higher studies in film production and appreciation courses such as film studies once they complete their B.Voc. degree. In addition, the course is very flexible in nature with multiple points of entry and exits. Students can opt out of this course after completion of one year of joining, with a Diploma in Film and Video Production. Those who opt out after completing two years will be awarded with an Advanced Diploma in Film and Video Production, and only after the completion of three years, the students will be awarded with B. Voc in Film and Video Production which is equivalent to a bachelor degree. Along with this, the students are also certified by the Media and Entertainment Skill Council for various Qualification Packs (QPs) with their associative job roles for getting employment in the media and entertainment sectors. This year, a good number of students have qualified for the QP-Script Researcher. The assessment test for Script Researcher was conducted by Media and Entertainment Skill Council (MESC) and B.Voc. Film and Video Production in Tripura University campus on 21st June, 2016.

#### Course Objectives:

- To prepare the students to undertake film making as a profession and source of employment.
- To provide hands on training to the students with the art of film making.
- To impart skills those are necessary to get an entry to film industries.
- To establish a liaison among academia, industry, and institutions engaged in this profession through industrial training and institutional collaborations.

#### **B.Voc. in Rubber Technology**

The B. Voc Rubber Technology program has been launched by Tripura University in 2015. It is an application oriented skill based program. This course is equivalent to a bachelor degree. The course has been started by National Skill Development Council (NSDC) and is organized by Rubber Skill Development Council (RSDC).

It is designed to impart hands-on training to students starting from latex collection, preservation, rubber sheet preparation to the testing of latex, rubbers, and chemicals related to

rubber industry. The course emphasizes on both theoretical and practical aspects of rubber technology. The primary objective of the course is to prepare skilled personnel by providing them with the desired level of competencies required to get an entry into rubber and related industries.

Moreover, students can opt for higher studies in Rubber and Polymer Technology and in allied branches like, Materials Science, Paints, Adhesive Technology, and Nano Technology after completion of this course.

In addition, the course is very flexible. Students can opt out of the course after completion of one year of joining, with a Diploma in Rubber Technology. Those who opt out after completing two years will be awarded with an Advanced Diploma in Rubber Technology and after the completion of three years, the students would be awarded with B. Voc in Rubber Technology which is equivalent to a bachelor degree.

#### Course Objectives:

- To prepare the students to undertake Polymer Science and Rubber Technology as a profession and source of employment.
- To provide hands on training to the students with the art of rubber production and processing techniques.
- To impart skills which are necessary to get an entry to Rubber and Polymer industry.
- To establish a liaison among academia, industry, and institutions engaged in this profession through industrial training and institutional collaborations (MoUs).

	Information on Vocational Degree Programmes						
SI. No.	Consolidated Statistical Data for B.Voc. Programmes	B.Voc in Film and Video Production	B.Voc in Rubber Technology				
1	No. of Guest Teachers/Contract Teachers	3	8				
2	No. of Book Chapters published by the Faculty Members	1	0				
3	No. of Papers published by the Faculty Members in Indexed Journals	0	1				
4	No. of Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized	2	0				
5	No. of Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars, organized by Institutions/Agencies other than Tripura University without publications of full paper (maximum 4 per person)	1	0				
6	No. of Interactions with Industry/ NGO / Govt. Organization	4	5				
7	No. of Memberships in Professional / Learned Societies	0	1				
8	No. of Awards/Medals/Honours received by the students during the academic year 2015-16	1	0				
9	Total No. of Students Enrolled	27	22				

Book chapters published by the faculty members:

Name of the Department	Author	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year (2015- 16)	ISBN	Page No.
B.Voc. in Film and Video Production	Ashes Kr. Nayak	A Critical Pedagogy for Media Education in India: The Opportunities Missed and Challenges Ahead	K. V. Nagaraj	Quality Configuration of Media Education India	Media Analysis and Research Centre, Kozhikod, Kerala	2016	978- 81931876- 0-9	108- 118

One student was awarded with the following honour in the academic year 2015-16:

Department/program	nme Name of	Name of	Date of	Awarding
	Student	Award/Medal/Honour	Award/Medal/Honour	Agency/Institution
B.Voc. in Film and	Ms. Dalia	Best Director (For Short	03/06/2016	Rupashi Binodan,
Video Production	Debnath	Film Darkness)		Agartala

They have also organized 2 workshops/seminars/symposia in the year 2015-16.

SI.	Date	Duration	Title	No. of Participants
No.				
1.	07/12/2015	7 days	Film Making Workshop	27
2.	10/03/2016	10 days	Practical Workshop, Script Writing, Audio-Video Mixing, Cinematography	20

They have collaborations with 09 industries, NGOs, and Government Organizations.

SI.	Faculty	Name of Industry/ NGO	Location of	MOU Signed?	Any Grant	Student
No.	Names		Industry	(Yes/No)	Received?	Placed?
					(If yes	(If yes,
					value in	No.)
					lakhs)	
1	Coordinator B.Voc.	Media and Entertainment Skill Council (MESC)	New Delhi	Yes	No	No
2	Coordinator B.Voc.	National Skill Development Council (NSDC)	New Delhi	Yes	No	No
3	Coordinator B.Voc.	Films Division, MIB , India	Kolkata	No	No	No
4	Coordinator B.Voc	DD Agartala	Agartala	No	No	No
5	Coordinator B. Voc.	Rubber Research Institute of India (RRII)	Kottayam, Kerala	Yes, (Dated 12 <sup>th</sup> Nov 2015)	NIL	No
6	Coordinator B. Voc.	National Skill Development Council (NSDC)	New Delhi	Yes, 2015	NIL	No
7	Coordinator B. Voc.	Rubber Skill Development Council (RSDC)	New Delhi	Yes(Dated 30 <sup>th</sup> Sept 2015)	NIL	No
8	Coordinator B. Voc.	All India Rubber Industries Association (AIRIA)	Mumbai	Awaited	NIL	No
9	Coordinator B. Voc.	All India Tyre Manufacturing Association (ATMA)	New Delhi	A/F	NIL	No

Faculty members are actively associated with different professional learned Societies. They have published 1 paper in indexed journal in the academic year 2015-16. Other details not mentioned above are given in the compact disc attached to this Report.

### 5 Year Integrated Master's Degree (IMD)

Name of the programme	Head/ Coordinator	Year of Establishment	Course Offered	Intake
Integrated Master's Degree	Prof. R.N. Dutta Purkayastha	2012	Integrated Master's Degree	125

In pursuance of the UGC's recommendations on reforms in higher education, Tripura University has introduced the Integrated Master's Degree Programme in the Humanities and Social Science disciplines, Mathematics, and Statistics. The programme solicits scholars fresh out of their Higher Secondary or plus two programme ready to pursue a career in the general degree courses of the university, but with the aim of developing basic research skills in higher education. The course structure and the subject combinations offered through the semester pattern of examinations aim at preparing undergraduate students both for competitive examinations at various levels, as well as for equipping them with all necessary databases enabling a smooth entry into higher academics. Project based group work as well as dissertation writing introduced at multiple levels during the programme aim at orienting young minds towards creative self expression and developing analytical skills, transcending conventional rote learning. It is expected that our university, through the introduction of this programme, will be able to promote holistic education in the true spirit of the institution's motto – the pursuit of excellence.

	Information on Integrated Master's Degree Programme	
SI. No.	Consolidated Statistical Data for (IMD) Programme	Integrated Master's Degree Programme (IMD)
1	No. of Regular Faculty Members	3
2	No. of Students Enrolled (Semester-I)	97
3	No. of Students Enrolled (Semester-III)	72
4	No. of Students Enrolled (Semester-V)	59
5	Total No. of Students Enrolled	228

#### **Directorate of Distance Education**

Director (i/c) : **Dr. K.B. Jamatia** 

Year of Establishment : 1996

Programmes on offer : 1. MA Programme in Political Science

2. MA Programme in Education3. MA Programme in Bengali

4. BA Programme

5. Certificate Course in Human Rights

6. B. Ed Programme.

Intake capacity

MA Programme in Political Science
 MA Programme in Education
 MA Programme in Bengali
 400
 400

4. BA Programme - (No Limit)

5. Certificate Course in Human Rights - 20 6.B. Ed Programme - 200

#### **Major Achievements/ Vision:**

The Directorate of Distance Education (DDE) was established in 1996 to impart higher education through the distance mode with multi-media approach. As non-formal supplementary mode of education, distance education differs from the conventional formal system in its objective to reach the unreached, to include the excluded. Tripura University has consistently been promoting distance education in accordance with the guidelines of the Distance Education Bureau (DEB), UGC, New Delhi to cater to the needs of -

- 1. Students who discontinue their formal education owing to pecuniary and other circumstances.
- 2. Students living in geographically remote areas of the state.
- 3. Students who discontinue their education because of lack of aptitude and motivation but become motivated at a later stage.
- 4. In-service persons, housewives, etc.

At present, there are more than 6000 students studying under the Directorate of Distance Education (DDE). This figure is by itself indicative of the popularity and reliability of the Directorate of Distance Education, Tripura University, amongst the common masses in general and the students of Tripura in particular.

	Information of Directorate of Distance Education	
SI. No.	Consolidated Statistical Data for Directorate of Distance Education	Directorate of Distance Education
1	No. of Regular Faculty Members	4
2	No. of Guest Teachers/Contract Teachers	31
3	No. of Visiting Teacher/ Visiting Fellow	1
4	No. of Book Chapters published by the Faculty Members	3
5	No. of Papers published by the Faculty Members in Indexed Journals	11
6	No. of Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.	4
7	Total No. of Students Enrolled	5342

Faculty members of the Directorate of Distance Education have published 3 book Chapters.

Authors	Book Editors	Title of the Chapter	Name of the Book	Publishers	Year (2015- 16)	ISBN	Page No.
Dr. Swapna Biswas	Dr. Pridarshi Bahinipati, GDC, Longtarai Valley	Role of B.R. Ambedkar for the Development of Women Education	B.R. Ambedkar and Enlightened Iconoclast	New Academic Publishers, Daryaganj, New Delhi	August, 2015	978- 81- 86772- 86-7	89-97
	Dr. Dilip Sarkar, BBM College, Agartala, Tripura	Present Status of Environmental Education in Secondary School Level in Tripura an Empirical Study.	Emerging Environmental issues in today's society with special attention to North East India	Supriya Books, Daryaganj, New Delhi	July, 2015	978- 93- 844- 71-07- 1	318- 327
	Dr. Sahidul Ahmed, Ambedkar College Fatikroy, Unakoti Tripura & Dr. Tinku De, TU	A Review on Educational Status of Muslim Women in Tripura.	Education & the Muslim Diaspora in search of holistic appearances for an inclusive development	New Academic Publishers, Daryaganj, New Delhi	2016	978- 81- 86772- 90-4	135- 144

They were invited to deliver 4 talks/lectures in seminars/workshops/colloquiums. Faculty members of the Directorate of Distance Education have published 11 papers in indexed journals of India/ Abroad in the academic year 2015-16. Other details not mentioned above are given in the compact disc attached to this Report.

#### **Research Centres**

#### **Centre for Gandhian Studies**

Director : Dr. Satyadeo Poddar, Mahatma Gandhi Prof. of History.

Year of Establishment : 1996

The Centre for Gandhian Studies came into being in Tripura University to popularize the ideas and thought of Mahatma Gandhi among the students community. It also envisages organizing such programmes within and outside the campus, saying capacity building, shishu panchayat, sanitation, communal harmony peace and non-violence, popular lecture etc which carries forward the vision and mission of Mahatma Gandhi for establishing "India of my dream". It also aims to start diploma, training and research activities in the Centre. By organizing series of debate and drawing competitions, drama and seminar, sanitation and preparing youth for Shantisena, the Centre has made a remarkable presence in the societies of Tripura.

During the academic session 2015-16, the Centre for Gandhian Studies and Department of Rural Management and Development, with the support of Gandhi Smriti and Darshan Samiti, New Delhi during 12<sup>th</sup> and 13<sup>th</sup> January, 2016 organised a workshop on volunteerism. The major objective of the programme was promoting volunteerism for constructive work. The workshop came up with a group of volunteers, enthusiastic to give their service to the society. Also an initiative was taken on 15<sup>th</sup> to 16<sup>th</sup> of January, 2016 at Keprampara, Purba Noagaon, Jiraniya, West Tripura towards promotion of PM Narendra Modi's new programme "BETI BACHAO, BETI PADHAO", through using traditional and indigenous folk culture. Around 200 village women were participated in the campaign and experience the importance of women in society. With support of Gandhi Smriti and Darshan Samiti, New Delhi an excursion cum awareness campaign were organized by the students of Tripura University for anti –tobacco in a Muslim area i.e. Devipur village on 9<sup>th</sup> February, 2016.

#### **Manuscript Resource Centre & Manuscript Conservation Centre (MRC & MCC)**

The MRC & MCC came into being in the Department of History, Tripura University on 20<sup>th</sup> December, 2010 after signing MOU with National Mission for Manuscripts, Ministry of Culture, Government of India, New Delhi. The Centre was inaugurated by Prof. Amiya Kumar Bagchi, the Hon'ble Chancellor, Tripura University on 12.4.2011. The collaboration of NMM and MRC & MCC, TU has advanced efforts in the entire Tripura state protecting old manuscripts. The collaboration also promises a more intense coordination between the scientific community and manuscriptologists, to bring forth better technological tools and techniques to decipher, search, and retrieve the knowledge stored in these rare scriptures. Myriad hidden facts lie in the manuscripts. Besides urban area, a chunk of rare manuscripts are still with people in villages of the State. Though people worship them, they are not aware of their importance and conservation aspects.

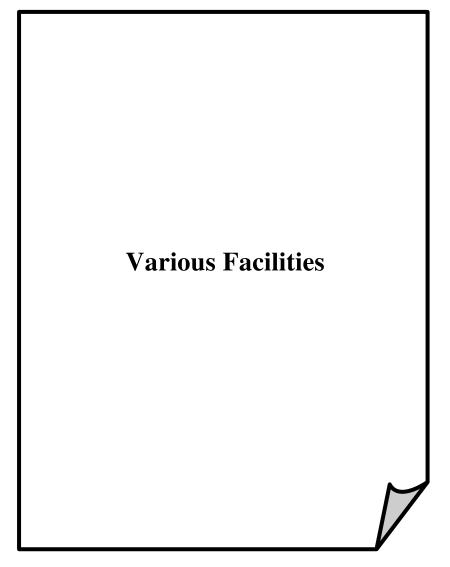
To reach out to such people, steps have been initiated by the MRC & MCC here in Tripura through Workshops, Seminars, Awareness Programmes and Public Lectures. At rural

workshops and awareness programmes, the instructors from the centre would teach owners of manuscript collection the basics of threading, tying, cleaning, oiling and wrapping of the rare documents in practically possible ways. The MRC & MCC not only find the ways to locate, catalogue, preserve these Manuscripts, but also enhance access and spread awareness about it. The centre is trying to inform the people of entire Tripura state the necessity of preserving these age old manuscripts. If we preserve those valuable manuscripts, it may help us to discover precious historical facts of Tripura. Last but not the least, these efforts of MRC & MCC makes help to inculcate a sense of responsibility in society toward our rich past.

#### Centre Directory:

contro Birectory.		
Name	Designation	Contact
Prof. Satyadeo Poddar	Coordinator	Phone No: 9436168068
		E-mail: satyadeo11@gmail.com
Nirmalya Karmakar	Conservator	Phone: 9436453924
		E-mail:
		nirmalyakarmakar09@gmail.com
Papri Das	Asst. Conservator	Phone: 9436533863
		E-mail: papri.das123@gmail.com

Annual Report 2015-16		



Annual Report 2015-16		

### **NET Coaching Centre**

Ever since it was established in 2006, the NET Coaching Centre of Tripura University has played an important role in providing services viz. coaching classes particularly to the disadvantaged group members hailing from the ST, SC, OBC (Non Creamy Layer) and Muslim Minority communities in order to face and clear the National Eligibility Test (NET) which is a must for applying college and university teaching posts. Over these years the success rate has been tremendous as the records show. Some of the candidates made it to JRF as well. The Centre is equipped with very competent teachers from the Tripura University and also from the Government Degree Colleges in Tripura on various subjects, especially the humanities. As a retention measure periodical tests during every session are conducted by the concerned teachers. Followed is the current profile of the Centre.

1. Coordinator : Dr. Gautam Chakma

2. Session offered : 2 sessions a year viz. January-June and July-

December

3. Days and time Classes offered: Saturdays and Sundays starting from 10 AM

4. Faculty : 30 (list attached)

5. Student Intake : 100

6. Contribution : Promoting Social capital from

disadvantaged groups

7. Vision : To grow as an excellent Coaching Centre for

disadvantaged groups aspiring for higher

education and opportunities

8. Annual Progress report : As attached

#### **Current Teachers:**

SI. No.	Name of Teachers	Courses/Papers	Dept./Univ./Institution
1	Dr. Gautam Chakma	Paper I, II & III	Pol. Science, TU
2	Dr. Nishikant Kolge	Paper I, II & III	History, TU
3	Sri F.U Hrangkhawl	Paper I, II & III	History, TU
4	Dr. Alak Bhattacharya	Paper II & III	Pol. Science, TU
5	Sri Biplab Debnath	Paper II & III	Pol. Science, TU
6	Sri Vanlalmauna Darlong	Paper II & III	Pol. Science, TU
7	Sri Bhupesh Debbarma	Paper II & III	Philo., TU
8	Dr. Partha Sarathi Gupta	Paper II & III	English, TU
9	Dr. S. Bhowmik	Paper II & III	Maths, TU
10	Dr. Surajit Bhattacharjee	Paper I, II & III	Life Sc., TU
11	Dr. Chandan Chakraborty	Paper II & III	Sanskrit, TU
12	Dr. Debraj Panigrahi	Paper II & III	Sanskrit, TU
13	Dr. Rajeev Dubey	Paper II & III	Sociology, TU
14	Sri Deepak Upadhaya	Paper II & III	JMC, TU
15	Dr. Rabindra Bharali	Paper II & III	Music, TU
16	Dr. Rajesh Bhowmik	Paper II & III	Fine Arts, TU
17	Dr. Arup Jyoti Sarma	Paper II & III	Philosophy, TU
18	Dr. Arobindo Mahato	Paper II & III	MRMD, TU
19	Sri Sankharaj Roy	Paper II & III	Management, NET qualified
20	Ms.Rupasree Debnath	Paper II & III	Bengali, NET qualified

21	Sri Sandip Deb	Paper II & III	Bengali, NET qualified
22	Sri Mithan Das	Paper II & III	Philo., NET qualified
23	Ms Tracy Lalduhawani	Paper II & III	Sociology, NET qualified
24	Sri Chandan Kumar Paul	Paper II & III	Pol. Science, NET qualified
25	Sri Prasenjit Debbarma	Paper II & III	Pol. Science, NET qualified
26	Jacinta Zirsangzeli Darlong	Paper II & III	English, NET qualified
27	Sri Biswanath Debbarma	Paper I	Defence Studies, NET qualified
28	Ms. Rita Chakma	Paper II & III	NET qualified in Social Work
29	Sri Debasish Roy	Paper II & III	Education, NET qualified
30	Sri Abhijit Das	Paper II & III	History, NET qualified

Session : January-June, 2015

Total number of students benefited : 98

			Student		Ф	c						Re	esults						
Subjects	Students	Students	Lay)	Students	Engage	riod take	est held		Appe	ared			Pass	ed			Fai	led	
	SC St	ST St	OBC (Non Cr	Minority	Teachers Engaged	No of Period taken	No of Test held	sc	ST	OBC	Σ	SC	ST	OBC	M	SC	ST	OBC	Μ
1. Bengali	7	6	12	1	2	50	10	7	6	12	1	2	2	3	1	5	4	9	0
2. Pol. Science	4	3	7	0	2	50	10	4	3	7	1	1	2	0	0	3	1	7	0
3. Philosophy	6	4	8	2	2	50	10	6	4	8	2	1	1	1	0	5	3	7	1
4. Education	3	3	7	0	2	50	10	3	3	7	0	2	1	3	0	2	2	4	0
5. History	2	1	3	1	2	50	10	2	1	3	1	3	1	3	3	3	3	5	1
6. Economics	2	1	3	1	1	50	10	2	1	3	1	1	1	1	0	1	0	2	0
7. Music	1	0	3	0	1	50	10	1	0	3	0	0	0	0	0	1	0	3	0
8. Fine Arts	3	2	2	0	1	50	10	3	2	1	0	2	1	0	0	1	0	2	0
9. Law	2	0	1	0	0	50	10	2	0	1	0	0	1	0	1	0	1	0	0

Session : July-December, 2015

Total number of students benefited : 66

			dent									F	Resu	ults					
Subjects			Lay) Student	nts	Engaged	aken	70		Арре	ared			Pa	ssed			Fa	iled	
Subjects	SC Students	ST Students	OBC (Non Cr I	Minority Students	Teachers Enga	No of Period taken	No of Test held	SC	ST	OBC	M	SC	ST	OBC	M	SC	ST	OBC	M
1. Bengali	6	6	5	0	2	50	10	6	6	5	0	2	2	1	0	4	4	5	0
2. Pol. Science	4	3	5	0	2	50	10	4	3	5	0	1	1	1	0	3	2	4	0
3. Philosophy	3	4	3	0	2	50	10	3	4	3	0	1	1	1	0	2	3	2	0
4. Education	3	3	3	0	2	50	10	3	3	3	0	0	2	1	0	3	1	2	0
5. History	2	1	3	0	2	50	10	2	1	3	0	1	1	1	0	1	0	2	0
6. Economics	1	1	1	0	1	50	10	1	1	1	0	0	1	0	0	1	0	1	0
7. Music	1	0	2	0	1	50	10	1	0	2	0	1	0	1	0	0	0	0	0
8. Fine Arts	1	1	0	0	1	50	10	1	1	0	0	1	1	0	0	0	0	0	0
9. Law	1	2	1	0	0	50	10	1	2	1	0	0	1	1	0	0	1	1	0

Session : January-July, 2016

Total number of students benefited : 60

	ts	S	Lay)	ents	Engaged	aken	held						Resu	ılts					
Subjects	: Students	Students	(Non Cr Student	rity Students		No of Period taken	of Test h		Арр	eared	i		Pass	sed			Fai	iled	
	SC	ST	OBC	Minority	Teachers	No of	No	SC	ST	OBC	Σ	SC	ST	OBC	M	SC	ST	OBC	Σ
1. Bengali	4	5	3	0	2	50	10	4	5	3	0	-	-	-	-	-	-	-	-
2. Pol. Science	3	6	3	1	2	50	10	3	6	3	1	-	-	-	-	-	-	-	-
3. Philosophy	3	2	3	0	2	50	10	3	2	3	0	-	-	-	-	-	-	-	-
4. Education	2	2	2	0	2	50	10	2	2	2	0	-	-	-	-	-	-	-	-
5. History	2	1	2	0	2	50	10	2	1	2	0	-	-	-	-	-	-	-	-
6. Economics	1	2	1	0	0	50	10	1	2	1	0	-	-	-	-	-	-	-	-
7. Music	1	1	2	0	1	50	10	1	1	2	1	-	-	-	-	-	-	-	-
8. Fine Arts	2	1	2	0	1	50	10	2	1	2	0	-	-	-	-	-	-	-	-
9. Law	1	1	1	0	0	50	10	1	1	1	0	-	-	-	-	-	-	-	-

#### **Tripura University Library**

#### 1. Background

The Library of the Tripura University was first established at Agartala during the year 1976 while it was functioning as a Post Graduate Centre of Calcutta University. The Calcutta University Post Graduate Centre was upgraded to a fully fledged University named Tripura University by virtue of an enactment in the Tripura Legislative Assembly & started functioning as a Tripura University on and from 2<sup>nd</sup> October, 1987. The Library was shifted to Suryamaninagar in the year 2000 and was accommodated in the ground floor of the old administrative building. Subsequently, the Library shifted to present at a three-storeyed building having an area of about 5415 sq.mts. since the middle of June, 2005. The Central Library building is the most spacious library building in the state. The Tripura University was further upgraded to a Central University on and from 2<sup>nd</sup> July, 2007. The Library holds rich collections of books, monographs, reference works, serials, maps, theses and dissertations and back volumes of periodicals.

The University is striving hard to meet the pressing demands of the users by rendering various services both through manual & IT based system with combined efforts of all the Library staff members. We are progressing steadily towards full automation of the library.

#### 2. Working Hours

The working hours of the Central Library is from 9:30 AM to 8 PM on all week days and 11:00 AM to 4:00 PM on all Saturdays & Sunday except National and other University holidays.

#### 3. Users

The eligible users of the library are faculty, officers, all academic and non-academic staff, regular students, project fellows & project assistants, research scholars and guest faculties.

Short time permission to use the library resources to other University/ College faculty, research scholars and students for few days at the discretion of the Librarian is also considered.

The total library membership for the year 2015-16 is 3531, which comprise 2624 students, 343 research scholars, 414 Teachers & Employees including officers and 150 Guest Lecturers.

On an average, around 500 readers visit the library every day.

#### 4. Library Space Area

#### 4.1. Layout of the Library

- A. Ground floor: Reception/ Information counter, lounge, Circulation Section i.e. issue/ return & renewal of books, Reprography Section, Library Office, Technical Section, Membership Section, Binding section, Teacher's study corner, General Reading Room cum stack room, Computer Lab provision for Internet facility, Store room and rooms for Information Scientist, Assistant Librarians, Deputy Librarian and Librarian.
- **B.** First Floor: Reference Section, Journal Section (old & new), Women's study corner, Daily Newspaper & Magazines Reading Corner, Theses Corner, Tripura Corner, Text Book corner, NET, SLET & other competitive examinations reading corner, Special collection reading corner- all the services are providing in one big room. There is also available one 50 seat capacity Conference Hall with AC facility. Other rooms are occupied by the other branches/ sections of the University.
- C. Second Floor: One Seminar-cum-exhibition hall with a 200 seating capacity.

#### 4.2. Location of different service point

- A. Reception counter & waiting lounge: At the entrance of the library there is a reception/ information counter and a waiting place/ lounge. Entry and exit of users inside the library are continuously monitored. The identity card system is being followed for entering inside the library. The waiting lounge is used by the users for taking rest and study purpose according to their need before entering inside library. Every user is expected to show his/her membership card every time to the janitor on duty at the reception counter. At the time of entering inside the library, the user should enter his/her name and address/designation with time in the register kept at the entrance.
- **B.** Reading hall and circulation counter: There are two separate reading halls, one in the ground floor and another on the first floor with a reading capacity of 125 readers each i.e. total of 250. We are following fully open access system since we are living in the "Right to Information" age. The books available for issue and circulation are displayed on open shelves. The new additions books are displayed separately on open shelves and other display stands inside the entrance of the general reading-cum-stack room in the ground floor and marked as "New arrival". Before entering the General Reading-cum-Stack room in the ground floor on the left side, there is a circulation counter where issue/ return and renewal of books are executed by the concerned staff posted at the book counter. Books

from issue section are issued on membership cards between 9:30 AM to 5:30 PM on all working days of the library except University holidays.

#### 5. LIBRARY RESOURCES

#### 5.1. E-Resources

- A. Online E-books: The Library procured about 30907 online e-books, available through Tripura University IP address to meet the needs of all the existing subjects and discipline of the University. More than one lakh sixty four thousand e-books/ e-books chapters have already been accessed/ downloaded by the University community.
- **B.** Online E-Journal: Through e-ShodhSindhu, users of our University have access to more than 7195 online journals and 39 databases which covers 22 publishers in the field of science, arts, commerce, Social sciences etc. Fifty numbers of dedicated terminals are available in the Central Library to access all types of e-resources by the users of the Library. Faculty, Research scholars and Students can access all e-resources from their department through Tripura University IP addresses.

Apart from that, Tripura University has also subscribed numerous online e-journals and databases namely J-Gate, Sage Online, ACM Online Digital Library, IEL Growth Plan, Hein Online, Brills Social Science, Indian Citation Index, Capitaline Plus Database, EPWRF Indian Time Series Database, Elsevier Scopus for the year 2016.

#### **5.2. Print Resources**

- (A) The Library possesses a number of **124571** books to enter the needs of the 40 subjects and discipline. **4684** books were added during the year 2015-16.
- (B) The Central Library has also subscribed to Forty Five print journals from different publishers during the period.

#### 5.3. Wi-Fi Service

Access to the Internet through Tripura University Wi-Fi network has been extended to the University community for browsing internet and online resources for which Wi-Fi Access points have already been installed throughout the University Campus.

#### 6. Staff Position

A.	Librarian- In-charge	:	01
B.	Deputy Librarian	:	01
C.	Assistant Librarian	:	02
D.	Information Scientist	:	01
E.	Professional Assistant	:	02
F.	Library Attendant (unskilled)	:	04
G.	Other unskilled supporting staff	:	16

#### 7. Readers' Services

**7.1.** *Daily Newspapers and Popular Magazines*: The Library has subscribed 15 Newspaper and 6 popular Magazines for the year 2015-16. During the year around 90000 books were

circulated i.e. issue/ return. Every year, the newly admitted students are acquainted with the library resources and rules and regulations of the library by the library authority.

- **7.2.** Reprographic Services: Presently, there are three photocopiers in the Reprography section to meet the needs of the users. During the year, about 52000 users utilized the facility including photocopying of around 520000 documents. Actually, only few pages from the books and journals are allowed for photocopying keeping in mind the copyright Act. Full books or Journals are not allowed. Any photocopied materials should be shown to the Janitor on duty before taken out of the Library. Lamination and spiral binding services are also available in this section on demand basis.
- **7.3.** Computer Lab and Internet Facility: There are three computer labs in which 50 nos. of computers made available with internet browsing facility for the members of the library free of cost for their academic and research work purposes.
- **7.4.** *CD Based Service*: The library provides limited CDs based service which is supplied by the vendors along with books.

#### 8. Facilities

The following facilities are available in the Central Library:

- i. 200 Users' reading room
- ii. Wi-Fi services
- iii. Solar lighting
- iv. Text Book services
- v. Internet Services
- vi. Document Delivery services
- vii. Reference services
- viii. Referral services
- ix. Periodical services
- x. Special collection i.e. Books on Tripura
- xi. Theses access
- xii. Circulation services
- xiii. Paper cutting services on request
- xiv. Fifty nos. of dedicated computers for online/ offline resources except facility available in Computer Centres.
- xv. Binding services
- xvi. Reading room for NET/SET and other competitive examinations

#### 9. A. Branch Library

The Library has two separate wings which are as follows:

- One located at the School of Management Building, Suryamaninagar to cater to the needs of the students of Management and Journalism & Mass Communication and Law.
- ii. The second one is located at University City Centre, Gandhighat, Agartala to meet the needs of the students of the NET Coaching Centre, Centre for Gandhian Studies & Centre for Kokborok Language.

#### 9. B. UGC INFONET E-Journal Consortium

Tripura University is one of the member institutions in the UGC-INFONET e-Journals Consortium which has recently been subsumed as e-ShodhSindhu (INFLIBNET). Through e-ShodhSindhu, users of our University have access to more than 7195 online journals and 39 databases which covers 22 publishers in the field of science, arts, commerce, Social sciences etc. These e-journals and databases can be accessed from all departments over a campus wide network as well as through Wi-Fi network. Like previous year, the students, teachers, research scholars are using INFONET (now e-ShodhSindhu of INFLUBNET Centre) Journals for their academic and research purposes.

#### 9. C. Installation of CCTV Surveillance System

Various locations inside the Central Library are brought under CCTV Surveillance System for strict monitoring of the activities of library users. Initially CCTV cameras have been installed inside the Rack room and Journal room along with DVR and Display panels for monitoring activities in those rooms.

#### 9. D. Plagiarism Checking Service Using Anti-Plagiarism Software

Central Library is extending the Plagiarism checking services to its users using Anti-Plagiarism software. A series of PhD thesis and Research papers originated from Tripura University are being analyzed using the Anti-Plagiarism Software.

#### 10. Programme organised during the year 2015-16

The following programmes are organized by Central Library of Tripura University during the year 2015-16:

- i. Celebration of Rabindranath Tagore's Birthday on 9<sup>th</sup> May, 2015.
- ii. Celebration of Birth Anniversary of Sardar Vallabhbhai Patel on 31<sup>st</sup> October, 2015 along with a Book exhibition.
- iii. Celebration of Yuva Divas, on 12<sup>th</sup> January, 2016 on the Birthday of Swamy Vivekananda's Birthday
- iv. Successfully Organized Three Days Book Exhibition-Cum-Sales Programme on Research and University Level Books with the World renowned Publishers from 2<sup>nd</sup> March, to 4<sup>th</sup> March, 2016.

#### COLLECTIONS USAGE STATICSTICS

Online E-Journals (INFLIBNET)			Ме	mber: T	ripura l	Jnivers	ity. Pe	riod: Ja	n 2015-	Dec 2	015.		
Platform	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
JSTOR	1319	1619	1523	1062	916	422	547	844	1196	659	658	462	11227
Springer Link	1022	778	701	752	1179	611	803	753	847	544	1031	816	9837
American Chemical Society	395	488	605	709	211	235	352	642	628	268	401	488	5422
Wiley-Blackwell	409	385	458	358	380	245	302	542	544	286	303	366	4578
Taylor and Francis	247	199	335	366	259	339	165	402	352	93	137	641	3535
Oxford University Press	104	97	106	58	52	57	318	118	121	97	146	318	1592
Nature	92	98	91	85	160	116	214	150	130	131	125	36	1428
Royal Society of Chemistry	116	93	94	127	105	105	90	158	116	87	107	97	1295
Institute of Physics	47	57	98	30	79	35	23	46	37	30	33	7	522

American Institute of Physics	30	57	33	55	43	21	5	45	23	18	75	53	458
APS	40	9	70	35	20	25	8	26	24	22	33	10	322
Cambridge University Press	10	20	15	19	24	36	17	88	16	11	22	41	319
Annual Reviews	11	24	15	21	12	17	4	17	12	13	1	9	156
Project Muse	6	1	5	10	16	5	6	5	8	20	18	4	104
Emerald Publishing	0	0	0	0	0	0	0	0	0	0	16	19	35
Portland Press			1	4	8		2						15
Project Euclid	1	1	3	0	2	0	0	1	0	0	0	0	8

# Online Databases (INFLIBNET) Member Name: Tripura University Period: Jan-2015 to Dec-2015

Platform	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
JCCC	59	211	27	1	4	0	4	24	74	295	74	186	959
Web of Knowledge	1	3	20	26	9	5	103	8	7	0	19	27	228

### **Computer Centre**

A Computer Centre was established in 1992 to facilitate a common computational resource centre for the academic programmes as well as for maintenance of other computing resources in the Tripura University. Over the years the University has grown substantially in terms of departments and academic programmes as well as in infrastructure. The Computer Centre has implemented a campus LAN with optical fibre backbone connecting the academic as well as administrative departments spread over the University campus. Internet connectivity is provided throughout the campus. It coordinates computing works like students' registration, result publication work. It also conducts workshop on Computer and Information Technology. In the Computer Centre, practical classes are held for some of the Departments. The Computer Centre maintains one Central network Server Room. It maintains five Computer Centres spread over Library building, Academic building-II, Academic building-VI, Academic building-X and Academic building-XI. The Computer Centre introduced Internet facility through wi-fi access points which are installed in almost all Academic Buildings to enable students to access Internet through their personal laptops which are registered in the Computer Centre. The Computer Centre introduced virtual class rooms where teacher can take class and record the program and upload in Tripura University Online Video Library.

### **University Health Centre**

The Tripura University has a Health Centre to provide basic out-patient department (OPD) and observation facility and has been established to look after healthcare needs of students, research scholars, staff members, officers, faculty members and their families. The Tripura University Health Centre also attends to patients coming from adjoining areas providing them with medicine and urgent treatment in case of emergency.

The Health Centre is equipped with oxygen (using oxygen concentrator), nebulizer, sterilizer and other basic equipments that are essential for primary healthcare.

The Tripura University Health Centre is open from morning till night for providing healthcare. Two medical officers and two nurses provide their regular services at the Health Centre instilling confidence in the university family.

#### **Tripura University Sports Board**

Every year various Games & Sports are organized by Tripura University Sports Board among the University Students, like Inter-Departmental Football, Volleyball and Cricket Competitions, Annual Sports & Indoor Games. A large number of students, teachers, and non-teaching staff participate in these Competitions. Every year we conduct Inter College tournaments in various events like Football, Cricket, Volleyball, Judo, Table Tennis and Athletics among the affiliated Colleges under Tripura University and have been participating in East Zone/All India Inter University Competitions.

# Inter Department, Inter College, East Zone and All India Tournaments in the year 2015-16. Conducted by Tripura University Sports Board

- 1. Inter Department Football, Cricket and Kabaddi was organized in collaboration with the Department of Physical Education in the Tripura University Campus for the session 2015-16.
- 2. IX Inter College Football (Men) Competition organized by R.K.M Kailasahar w.e.f. 17<sup>th</sup> to 22<sup>nd</sup> Aug., 2014. A total of 22 Colleges participated in the Competition.
- 3. IX Inter College, Judo and Yoga (Men & Women) Competition in collaboration with Department of Physical Education, T.U. w.e.f. 8<sup>th</sup> to 9<sup>th</sup> October, 2015. A total of 20 Colleges participated in the Competition.
- 4. IX Inter College Cricket (Men) Competition organized by I.C.V College Belonia w.e.f. 18<sup>th</sup> Nov. to 22<sup>nd</sup> Nov., 2015. A total of 22 Colleges participated in the Competition.
- 5. Tripura University Sports Board and Department of Physical Education organized the East Zone Inter University Volleyball Tournament from 16<sup>th</sup> Feb. to 21<sup>st</sup> Feb., 2015. A total of thirty Universities from different Universities participated in the Championship with three hundred sixty participants and other officials. Kalyani University was the Champion.
- 6. Tripura University Sports Board and Department of Physical Education organized the All India Inter University Volleyball Tournament from 24<sup>th</sup> Feb. to 29<sup>th</sup> Feb. 2015. A total of fifteen Top University from different Zones participated in the Championship. S.R.M University was the Winner and Kurukshetra University was the Runner up of the Tournament.
- 7. Selection Trial for Table Tennis was also conducted for the selection of Tripura University Table Tennis Men and Women Team.
- 8. Tripura University Yoga Team was also prepared to participate in the All India Yoga Tournament and also started their practice camp. But due to some unfortunate situation at Haryana. Day before the Competition the organizers cancelled the Tournament.

#### Participation in East Zone / All India Inter University Competition

1. East Zone Inter University Football Competition organized by M.G. Kashi Vidyapith, Varanasi from 13<sup>th</sup> to 19<sup>th</sup> of October, 2015.

- 2. East Zone Table Tennis Competition organized by LN Mithila University, Darbhanga. The women team of the University Qualified for the Inter Zonal Table Tennis Championship.
- 3. Judo Team (Men & Women) of Tripura University was participated in AIIU Judo Championship held at KIIT, Bhubhaneswar, Orissa from 25-28 of December, 2015.
- 4. Tripura University Cricket Men Team participated in the East Zone Inter University Cricket Tournament at LN Mithila University, Darbhanga from 14<sup>th</sup>-30<sup>th</sup> December, 2015. It was a better performance compare to last year. University Team defeated in the Quarter Final.
- 5. Tripura University Volleyball Team Participated in the East Zone Inter University Championship at Tripura University from 16<sup>th</sup> Feb. to 21<sup>st</sup> Feb., 2015. University team defeated in the Third Round.

With the help of the University authority and utilizing the developing infrastructure and facilities of the University, the TUSB will continue to spread the sporting culture with the University as well as in the state of Tripura.

#### **NSS Unit**

The overall objective of NSS is to offer an extension of the academic activity of students and orient the student youth to community service. Generally, students have a tendency to get alienated from the village/slums masses which constitute the majority of the population of the country. The educated youth who are expected to take the reins of administration in future are found to be unaware of the problems of the village / slum community and in certain cases are indifferent towards their needs and problems. Therefore, it is necessary to arouse the social conscience of the students, and to provide them an opportunity to work with the people in the villages and slums.

Coordinator : Dr. Rajesh Chatterjee

Year of Establishment: 1992

Address : Students Activity Centre, Tripura University, Suryamaninagar,

799022

nssunit@tripurauniv.in

Programmes on offer: As per the guidelines of Activity Forum of National Service

Scheme, under the Ministry of Youth Affairs & Sports Govt. of India, popularly known as NSS, the following activities have been undertaken as syllabus of CBCS system of Tripura University. The template of NSS Curriculum designed by CABE-UGC-MYAS, GoI, (vide letter D.O.No.F. 1-7/2011 (CPP-II), dated 13<sup>th</sup> August, 2015 from UGC) has been considered while preparing the following NSS-Syllabus. The IQAC, TU has approved the syllabus and it has been offered as elective subject to the all departments under the M.P.Ed., Tripura University, where the programme officer, NSS Unit,

has been working as mentor of the NSS paper.

#### Activities:

NSS Unit in Tripura University has been involved in several activities throughout the year: Digital India Workshop-2016, 8-Days Special Camp-2016, Blood Donation Camp-2016, Health Camp, Health Education, Scientific Magic on Science Awareness, Vanomohatsav Programme, Yoga Day etc.

#### Digital India Workshop-2016

Under the sponsorship of National e-Governance Division (NeGD), Department of Electronics and Information Technology, Ministry of Communications and Information Technology, Government of India, NSS Unit, Tripura University organised Digital India programme under the sponsorship of National e-Governance Division (NeGD), Department of Electronics and Information Technology, Ministry of Communications and Information Technology, Government of India for the NSS Volunteers of University, selected Colleges and Institutes on 3<sup>rd</sup> March, 2016 at 10:30 am in the Maharaja Bir Bikram Satabarshiki Auditorium, Tripura University. The objective of these workshop was to generate/enhance awareness about Digital India, to train volunteers on Digital India and related schemes/services, to engage students in Digital India activities and spread messages among academia and citizens and to create a pool of Digital India Volunteers to engage them with DI related activities which can be utilized by various government departments/ministries. Mr. Suhas Ranjan, Consultant, NeGD, GoI, was the resource person of this programme. 240 participants from different colleges of Tripura (200 NSS Volunteers, 20 NSS Program Officers, 20 others which include speakers, university representatives etc.) including organizing members participated in this programme. These participants will act as Master Trainers and, a certificate was provided to them upon successful completion/participation in the workshops.

### 8-Days Special Camp-2016 of NSS (6<sup>th</sup> to 13<sup>th</sup> May, 2016):

The NSS Unit, Tripura University conducted 8-Day NSS Camp from 6<sup>th</sup> to 13<sup>th</sup> May, 2016. The various activities were covered under the this programme like Health Camp, Digital India Camp, Blood Donation, Swachh Bharat Abhiyan, Sticker Pasting, Road Awareness Camp, Vanomohatsav, Tree Plantation, Village visit and Scientific Magic on Science Awareness. Prof. Anjan Kr. Ghosh, Hon'ble Vice-Chancellor, Tripura University inaugurated the NSS Camp on 6<sup>th</sup> May, 2016, in presence of Dean, Students Welfare (i/c), senior professors, faculties, students and volunteers of NSS Unit, TU

#### **Blood Donation Camp-2016**

Volunteers of NSS Unit, Tripura University have successfully completed the Blood Donation Camp, held on 8<sup>th</sup> May, 2016 at MBBSBB (Auditorium), Tripura University.

Success Rate: 74% of target achieved out of 100 donors. The Volunteers of NSS Unit, Tripura University have arranged the entire programme and all credit goes to them. The Volunteers have taken the responsibilities to make it splendid success. The Volunteers have taken help of NSS national portal, Internet, IEC method, Department visit, oral communication to reach out to the all students, teachers and non-teaching staff of the

University and the Registrar, Tripura University sent notification of this programme to the all departments.

Highest number of students from Commerce Department donated blood where the teachers mainly Dr. Chinmoy Roy helped a lot to motivate the students. This is my humble submission to you that a proposal came from the Volunteers of NSS Unit, Tripura University to acknowledge the contribution of blood donors of the first three departments by awarding with a Memento in the Annual Cultural Programme of Tripura University.

#### Health Camp

NSS volunteers conducted health camp for all students, teachers of the University. Blood group of the participants was identified free of cost and BMR also checked.

#### Health Education

Prof. A. R. Banerjee, Professor of Anthropology, Calcutta University Dr. Diptendu Chatterjee, Asst. Professor, Dept. of Anthropology, Calcutta University, have delivered lectures on 11<sup>th</sup> May, 2016 as resource persons in the NSS Camp on "Health Related Issues", organized by the NSS Unit, Tripura University, funded by the Ministry of Youth Affairs, Government of Tripura, at Tripura University from 6<sup>th</sup> to 13<sup>th</sup> May, 2016.

#### Scientific Magic on Science Awareness

NSS volunteers conducted one awareness programme on science magic for the volunteers.

#### Yoga Day

NSS Unit, Tripura University has conducted International Day of Yoga in collaboration with Department of Physical Education, Tripura University on 21<sup>st</sup> June, 2016.

### **Engineering Cell**

The office of the Engineering Cell of the University is taking care of all the new and ongoing construction works besides doing all repair/maintenance works both electrical and civil. This office is also looking after the 24x7 operation and maintenance of 33/11 KV substation for giving steady power to all facilities of the university beside distribution of drinking water to all stakeholders.

The following works (under Annexure I & Annexure-II) during the period July, 2015 to June 2016 had been undertaken by the office of the engineering cell of the university and successfully completed.

	ANNEXUR	E:I (CIVIL WORKS)	
SI. No.	Name of Work	Physical Status of Work	Remarks
1	Special repairs to the Auditorium Building (Maharaja Bir Bikram Satabarshiki Bhawan) at Tripura University Campus, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
2	Gale damaged repairs to boundary wall in different stretches at Tripura University Campus, Suryamaninagar/ Re-construction of boundary wall (length 25.00m)	Completed	Completed & already handed over to the concern Dept/ Person

3	Renovation of Academic Building-VIII at Tripura University Campus, Suryamaninagar/Repairs to the building of Human Physiology Department	Completed	Completed & already handed over to the concern Dept/ Person
4	Maintenance of Academic Building-VII during the year 2015-16 / painting of inside & outside walls in/c installation of laboratory sink at 1st floor & 2nd floor of building (Zoology Department) at Tripura University Campus, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
5	Maintenance and repairing of residential building at Tripura University Campus, Suryamaninagar/ Repairing & painting of Type-IV Block-A/3 quarter during the year 2015-16	Completed	Completed & already handed over to the concern Dept/ Person
6	Renovation of toilets (1st floor & 2nd floor) of type-IV / Block-A No.4 & 6 at Tripura University Campus, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
7	Extension of State Bank of India (SBI) Building, Tripura University Campus Branch at Tripura University, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
8	Construction of Volleyball ground at Tripura University Campus, Suryamaninagar (Twin ground field)	Completed	Completed & already handed over to the concern Dept/ Person
9	Re-construction of damaged boundary wall in different location of Tripura University, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
10	Providing Illumination at the approach road from Maharaja Bir Bikram Satabarshiki Bhawan (Energy Park) to Academic Building No.11, Tripura University / Illumination at the internal road from Academic Building No.11 to Health centre, Tripura University	Completed	Completed & already handed over to the concern Dept/ Person
11	Repair and renovation of Old Life Science Building at Tripura University Campus, Suryamaninagar, Tripura (W) during 2015-16	Completed	Completed & already handed over to the concern Dept/ Person
12	Repair / Renovation work of kitchen and dining hall of PG Gents Hostel, Tripura University Campus, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person

	ANNEXURE:II (ELE	CTRICAL WORKS)	
SI. No.	Name of Work	Physical Status of Work	Remarks
1	Extension of internal wiring system at Academic building No. VIII for smooth supply of electricity at Laboratory equipments of Human Physiology Department, Tripura University, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
2	Extension of internal wiring system at Academic building No. VII for smooth supply of electricity at Laboratory equipments of Zoology Department, Tripura University, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
3	Repairing and maintenance of Internal wiring system at Laboratory & toilets of Chemistry Department, Tripura University, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
4	Extension of internal wiring system at the Lounges of Guest House and Administrative Building, Tripura University, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
5	Renovation of existing internal wiring system at 4 (Four) Nos Entrance Gate of Tripura University, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
6	Providing permanent illumination system in the Volleyball Courts at Tripura University (A Central University), Suryamaninagar, west Tripura	Completed	Completed & already handed over to the concern Dept/ Person
7	Installation of 2*500 KV 11/0.4 kw distribution transformer for Academic Building No.XI at Tripura University, Suryamaninagar / S.H: - Construction of Transformer Base	Completed	Completed & already handed over to the concern Dept/ Person
8	Construction of Field Platform in the I.C.A.R.  Network Project (Bank side of Academic Building-	Completed	Completed & already handed over to the concern Dept/ Person

	Tripura University campus,     Suryamaninagar/Providing electrical installation at construction of Field Platform in the I.C.A.R.     Network project (back side of Academic Building-11), Tripura University, Suryamaninagar, West Tripura		
9	Providing Special earthing at Department of Physics& Computer Centre Building at Tripura University, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
10	Providing special repair and renovation of internal electrification & provision of ONLINE UPS connectivity at newly allotted lab. Of Physics department/providing internal electrification & installation of ceiling fan at the OAT for Department of Music / Repairing of Power Panel Board of Examination Building / Providing installation of Amour Cable at the Entrance Gate of Tripura University / Providing repair and maintenance of Luminaries of Auditorium Building, Tripura University, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person
11	Providing repair & maintenance of internal electrical installation at the Life Science Building, Tripura University, Suryamaninagar	Completed	Completed & already handed over to the concern Dept/ Person

**University Finances and Annual Accounts** 

Annual Report 2015-16		

### Income and Expenditure Account for the year ended 31st March, 2016

(Amount in Rupees)

		(Amount in Rupees)	T
<u>PARTICULARS</u>	Schedule	Current Year	Previous Year
INCOME			
Academic Receipts	9	60756865.00	37448964.00
Grants / Subsidies	10	453833061.06	392119449.80
Income from Investments	11	33150116.00	37917610.00
Interest Earned	12	7313791.00	6757871.00
Others Income	13	9191740.00	10888028.29
Prior Period Income	14	-	-
TOTAL (A)		564245573.06	485131923.09
EXPENDITURE			
Staff Payment & Benefits (Establishment expenses)	15	336732773.16	293095254.00
Academic Expenses	16	36081641.51	32767667.00
Administrative and General Expenses	17	62444643.00	43013531.50
Transportation Expenses	18	2905854.00	3116362.00
Repair & Maintenance	19	15634241.00	20065535.00
Finance Cost	20	33908.39	61100.30
Other Expenses	21	-	-
Prior Period Expenses	22	-	-
Depreciation	4	88428114.00	62893022.00
TOTAL (B)		542261175.06	455012471.80
Balance being excess of Income over Expenditure (A-B)		21984398.00	30119451.29
Transfer to / from Designated Fund			
Building fund			
Others (specify)			
Balance Being Surplus/(Deficit) Carried to Capital Fund			
<b>Θ</b> αριιαι Γυπυ		21984398.00	30119451.29

Significant Accounting Policies23Contingent Liabilities and Notes to Accounts24

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31<sup>ST</sup> MARCH, 2016

	NECEIF IS AND	ALIVIEINISTON	INCCEIL IS AND FAITNICINIS FOR THE LEAR ENDED ST. INFANCIT, 2010		
Receipts	Current Year	Previous Year	Payments	Current Year	Previous Year
LOpening Balances			LEXPENSES  3) Establishman Evoances	208160306 20	280126443.00
a) Cash in Maina h) Bank Balances			a) Lagonismicin Labriaca h) Academic Fynenses	30758255 51	32975667 00
Was Commont Accounts	3104021 00	3655003 00	c) Adminstrative Expenses	47485830.00	44172328.50
The Denceit Accounts	172654403 00	557594057 00	d) Transportation Expenses	2520442.00	3116362.00
III)In Sovinge Accounts	00.504405.00	130479332 61	e) Repair & Maintainance	12470985.00	20065535.00
III)III Saviigs Accounts	10.000021102	100478005.01	f) Finance Cost	34478.39	61100.30
a)From Govt, of India (Including UGC)	841402000.00	376102000.00	g)Prior Period Expenses	000000000000000000000000000000000000000	Announced Application of
b) From State Government			Payments against FarMarked/Endowmment Funds	569307 00	
c) From Other Sources					
III.Academic Receipts	60765095.00	37448964.00	III. Payments against Sponsored Projects/Schemes	16169771.63	18936552.00
IV.Receipts against EarMarked/Endowment Funds	4758984.00	24996668.00	IV.Payments against Sponsored Fellowships/Schorlarships	4199149.00	1005710.00
V.Receipts against Sponsored Projects/Schemes	47729230.00		V.Investments and Deposits Made		
VI. Receipts against Sponsored Fellowships/Schorlarships	5752887.00	2962300.00	a) Out of Earmarked/Endowment Funds		
VII.Income from Investments			b) Out of Funds (Investment-Others)		
a) From Earmarked/Endowment Funds			THE CHARLES OF THE CH		
b) Other Investments			VI.Term Deposits with Scheduled Banks		
VIII.Interest Received			VII.Expenditure on Fixed Assets and Capital Work in Progress &		
a)Bank Deposits	17176078.00	66388281.00	Advances		
b)Loans & Advances			a)Fixed Assets	215917012.89	157470891.59
c)Savings Bank Accounts	7391149.00	8236916.00	b)Capital Work in Progress	54556773.00	
IX.Investment Encashed			c)Advance on Capital A/C	15268364.00	287434842.00
X.Term Deposits with Scheduled Banks Encashed			VII.Other Payments Including Statutory Payments	97163631.00	71840522.00
XI.Other Income Including Prior Period Income	8837228.00	10888028.29			
XII.Deposits & Advances			IX.Refund of Grants		3313073.00
XIII.Miscellaneous Receipts Including Statutory Receipts	85767323.20	77599828.00	X.Deposits & Advances	10207976.13	
XIV.Any Other Receipts	110235616.00	63357376.00	XI.Other Payments	78728708.00	46705245.00
			XII. Closing Balances a)Cash in Hand		
			b)Bank Balances		
			I)In Current Accounts	3104021.00	3104021.00
			II)In Savings Accounts	450150515.96 235834456.00	172654403.00
Total	1573300072.71	1359708753.90		1573300072.71	1359708753.90

## Balance Sheet as at 31st March, 2016

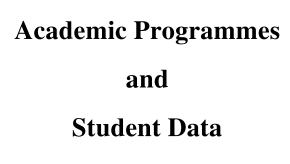
(Amount in Rupees)

	(121110 41110 1111 1144 10 000)				
SOURCES OF FUND	Schedule	Current Year	Previous Year		
CORPUS/ CAPITAL FUND	1	2113893652.40	1787622886.51		
DESIGNATED / EARMARKED/ ENDOWMENT FUNDS	2	7373510.00	54261977.33		
CURRENT LIABILITIES AND PROVISIONS	3	741567577.53	336682496.62		
TOTAL		2862834739.93	2178567360.46		

APPLICATION OF FUND	Schedule	Current Year Previous Year	
FIXED ASSETS	4		
Tangible Assets		502009190.89	334763032.61
Intangible Assets		43691987.19	60099893.58
Capital Work in Progress		1081413031.00	980537387.00
INVESTMENTS FROM EARMARKED /			
ENDOWMENT FUNDS	5		
Long Term			
Short Term			
INVESTMENTS OTHERS			
INVESTMENTS - OTHERS	6		
CURRENT ASSETS	7	689088992.96	383484482.51
LOANS, ADVANCES & DEPOSITS	8	546631537.89	419682564.76
TOTAL		2862834739.93	2178567360.46

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## **Academic Programmes of the University**

## **Undergraduate Degree Programmes:**

- 1. B.A. (Distance mode)
- 2. B.Ed. (Distance mode)
- 3. B.C.A.
- 4. B.B.A.

#### **Postgraduate Degree Programmes:**

- 1. M.A in Bengali (also in Distance mode)
- 2. M.B.A.: Master of Business Administration
- 3. M.Com: Master of Commerce
- 4. M.A./M.Sc. in Economics
- 5. M.A. in English
- 6. M.A. in Education (also in Distance mode)
- 7. M.A. in Fine Arts
- 8. M.A. in Hindi
- 9. M.A. in History
- 10. M.A. in Journalism & Mass Communication
- 11. Master in Law
- 12. M.A. in Music
- 13. M.A. in Philosophy
- 14. M.A. in Political Science (also in Distance mode)
- 15. M.A. in Psychology
- 16. Master of Rural Management & Development
- 17. M.A. in Sanskrit
- 18. M.A. in Sociology
- 19. M.Sc. in Botany
- 20. M.Sc. in Chemistry
- 21. M.Tech. in Computer Science & Engineering
- 22. Master of Computer Application
- 23. M.Tech. in Electrical Engineering
- 24. M.Sc. in Forestry & Biodiversity
- 25. M.Sc. in Geography & Disaster Management
- 26. M.Sc. in Human Physiology
- 27. M.Sc. in Mathematics
- 28. M.Sc. in Microbiology
- 29. M.Sc. in Molecular Biology & Bio-informatics
- 30. M. Pharma
- 31. M.Sc. in Physics
- 32. M.Sc. in Statistics
- 33. M.Sc. in Zoology
- 34. M.A. in Kokborok

#### 5 Year Integrated Master's Degree Programme (IMD) in:

English, Bengali, Hindi, Philosophy, History, Economics, Political Science, Statistics, Mathematics.

## **Vocational Degree Programmes (B.Voc.):**

- 1. B.Voc. in Film and Video Production
- 2. B.Voc. in Rubber Technology

#### **Postgraduate Diploma Programmes:**

- 1. PG Diploma in Kokborok
- 2. PG Diploma in Bamboo Cultivation and Resource Utilization
- 3. PG Diploma in Tribal and Ethnic Studies

#### Postgraduate Degree Programmes (at the Affiliated Colleges):

- 1. M.Ed.
- 2. MD/MS (FMT, ENT, Psychiatry, General Surgery, Anaesthesiology, OBG, Paediatric, Microbiology, Radio Diagnosis, Community Medicine, General Medicine, Pharmacology, Ophthalmology, Pathology, Orthopaedics)

## **Undergraduate Degree Programmes (at the Affiliated Colleges):**

- 1. B.A (Bengali, Economics, Education, English, Hindi, History, Philosophy, Political Science, Sanskrit, Sociology, Defence Studies, Pali)
- 2. B.Com.
- 3. B.Ed.
- 4. B.V.A. (Drawing and Painting, Applied Art, Modelling and Sculpture)
- 5. B.Mus. (Vocal, Rabindra Sangeet, Dance, Tabla, Tribal Folk Music)
- 6. B.Pharma
- 7. B.Ph.Ed
- 8. B.Sc.(Botany, Chemistry, Geography, Physiology, Mathematics, Physics, Psychology, Statistics, Zoology)
- 9. B.C.A.
- 10. B.Sc. in Computer Science & Technology
- 11. B.Sc. Agr.
- 12. B.E. (Civil Engineering, Computer Science & Engineering, Electronics & Tele-Communication Engineering, Mechanical Engineering, Electrical Engineering)
- 13. L.L.B.
- 14. M.B.B.S.
- 15. B.V.Sc.
- 16. B.B.A.
- 17. B.Sc. Nursing
- 18. Bachelor in Medical Laboratory Technology
- 19. Bachelor in Hospital Management
- 20. Bachelor in Physiotherapy
- 21. Bachelor in Medical Radiotherapy Technology
- 22. Bachelor in Clinical Optometry
- 23. Bachelor in Medical Laboratory Technology (Operation Theatre)

#### **Diploma Programmes (at affiliated colleges):**

- 1. Computer Applications
- 2. Medical Lab Technology

- 3. Information Technology
- 4. Fashion Technology
- 5. Automobile Engineering
- 6. Civil engineering
- 7. Computer Science & Technology
- 8. Electrical Engineering
- 9. Electronics & Tele-Communication Engineering
- 10. Food Processing Technology
- 11. Mechanical Engineering
- 12. Architectural Assistantship
- 13. Tribal Folk Music

# Detailed Data on Student Enrolment in Various Departments and Centres

## **Department of Bengali**

Student Enrolment: Semester – I (2015-16)

	Male	Female	Total	G	en	OE	зс	S	С	S		PH (C Tot		Mino	rity	Outs Sta		Outs Cour	
ſ	45	27	82	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
	40	37	02	08	80	06	07	13	09	18	13	-	-	05	-	-	-	-	_

Student Enrolment: Semester - III (2015-16)

	Male	Female	Total	G	en	OI	зс	S	С	S	Γ	PH of T		Minor	ity	Outs Sta		Outs Cour	
ĺ	33	55 (PG)		М	F	М	F	М	F	M	F	M	F	М	F	M	F	М	F
	(PG)	+ 5 IMD	93	07	20	03	09	11	15	12	1 6	01	01	03	0	01	-	-	-

#### **Department of Management**

Student Enrolment: Semester – I (2015-16)

		Linonnone			(=0.0	- /													
	Male	Female	Total	G	en	ОВ	C	S	C	s	Т	PH of T		Min	ority		side ate		side ıntry
ſ	<i>4</i> 1	17	58	М	F	М	F	М	F	M	F	М	F	M	F	M	F	M	F
	41	''	50	27	10	03	-	04	05	07	02	-	-	-	-	01	-	-	-

Student Enrolment: Semester - III (2015-16)

Male	Female	Total	G	en	OE	3C	S	iC	S	Т	PH of T	(Out otal)	Min	ority	Out Sta		Outs	side intry
25	12	38	M	F	M	F	М	F	М	F	M	F	M	F	M	F	M	F
23	13	30	19	07	03	03	03	01	-	02	-	-	-	-	-	-	01	-

## **Department of Commerce**

Student Enrolment: Semester – I (2015-16)

Ottadoni		t . Ocinic	,0101	1 (20	10 10	')												
Male	Female	Total	G	en	OB	BC	S	С	S	Т	PH (O Tota		Mino	ority		tside ate	_	utside ountry
74	08	82	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
74	06	02	17	04	12	-	19	01	26	03	01	-	02	-	-	01	-	-

Student Enrolment: Semester - III (2015-16)

Male	Female	Total	G	en	OE	BC	S	С	S			(Out otal)	Mino	ority	Outs Sta			tside untry
28	08	36	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
20	00	30	11	02	04	02	05	02	07	02	-	-	01	-	-		-	-

#### **Department of Economics**

Student Enrolment : Semester - I (2015-16)

_	O tu uoi	ic Emonino	116 . 00111	00101	. \-	<del>0 10 1</del>	υ,												
	Male	Female	Total	Ge	en	OE	зс	S	С	S		PH (C Tot		Mino	ority		side ate	Outs Cou	
	17	15	32	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
	17	13	32	05	07	03	01	01	02	80	05	-	-	-	-	03	01	-	-

Ī	Male	Female	Total	G	en	Ol	ВС	S	С	S	ST.	PH (C Tot		Mino	ority	Out: Sta	side ate	Outs Cou	
ľ		11	11	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
	-	11	11	-	07	-	02	-	-	-	02	-	-	-	-	02	01	-	-

## **Department of Education**

Student Enrolment: Semester - I (2015-16)

	Male	Female	Total	G	en	Ol	вс	S	С	S	Т		Out of tal)	Minorit	у	Outs Sta		Outs	
Ī				М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
	10	12	22	03	02	-	01	03	02	04	07	03	02	02 (Gen)	-	-	-	-	-

Student Enrolment: Semester - III (2015-16)

					OBC													
Male	Female	Total	G	en	OE	зс	S		S	Т	PH (O Tota		Min	ority		tside ate	Outs Cou	
08	12	21	М	F	М	F	М	F	М	F	M	F	М	F	M	F	М	F
00	13	21	01	03	02	01	04	-	01	09	01	-	-	01	-	01	-	-

## **Department of English**

Student Enrolment: Semester-I (2015-16)

Male	Female	Total	G	en	OE	3C	S	С	S		PH (C Tot		Minc	rity	Outs Sta	side ate	Outs Cour	
45	54	99	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F
45	54	99	10	13	04	06	16	12	15	23	-	-	01	-	-	-	-	-

Student Enrolment: Semester-III (2015-16)

	Male	Female	Total	Ge	en	OI	3C	S		S	Т	PH (		Mino	rity	Outs sta		Outs	
ſ	50	40	90	М	F	М	F	М	F	М	F	M	F	M	F	M	F	М	F
	50	40	90	15	13	04	06	16	12	15	09	-	-	-	-	-	-	-	-

## **Department of Fine Arts**

Student Enrolment: Semester - I (2015-16)

 				_	-,													
Male	Female	Total	Ge	n	OB	C	SO	$\circ$	S	Т	PH ( of To	Out otal)	Mino	rity	Outs Sta		Outs Cou	
04		04	М	F	М	F	М	F	М	F	M	F	M	F	М	F	М	F
04	-	04	02	-	01	-	01	-	-	-	-	-	-	-	03	-	-	-

Student Enrolment : Semester - III (2015-16)

Ottadent Ei	nonnent . c	CITICOLO	(	2010	10)													
Male	Female	Total	G	en	OB	C	S		S	Т	PH ( of To		Mino	ority	Outs Sta		Outs Cou	
1.1	06	20	М	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F
14	00	20	10	05	02	-	01	-	01	01	-	-	-	-	04	01	-	

## Department of Hindi

Student Enrolment: Semester - I (2015-16)

Ottadent Li	HOHITICHE. C	CITICOLCI	- 1 (2	.010-1	υ)													
Male	Female	Total	Ge	en	OB	BC	S	С	S	Т	PH ( of To		Mino	ority	Outs Sta		Outs Cou	
02	07	09	М	F	М	F	М	F	М	F	M	F	M	F	M	F	М	F
02	07	09	-	03	-	-	-	01	02	03	-	-	-	-	-	01	-	-

Student Enrolment : Semester – III (2015-16)

	Male	Female	Total	Ge	en	OB	C	S	С	S	Т	PH ( of To		Mino	ority	Outs Sta		Outs Cou	
Γ		04	04	M	F	М	F	М	F	М	F	M	F	M	F	M	F	М	F
		04	04	-	03	•	-	-	01	-	ı	ı	-	-	-	-	-	-	-

## **Department of History**

- 1	raaoni		. 0011100	J. (O.)	. (=0 :	0 .0,													
	Male	Female	Total	G	en	OE	3C		SC .	S		PH of T	(Out otal)	Min	ority		side ate		tside untry
	44	30	74	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
	44	30	14	10	14	04	01	14	02	16	13	-	-	02	01	-	-	-	-

Student Enrolment : Semester – III (2015-16)

	Male	Female	Total	G	en	OE	зс	S	SC .	S		PH of T		Min	ority		side ate		tside untry
Ī	21	15	46	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F
	31	15	40	10	08	04	01	07	03	10	03	01	-	02	-	-	-	-	-

#### **Department of Journalism and Mass Communication**

Student Enrolment: Semester – I (2015-16)

<u> </u>	adont L		001110010	(-	-0.0	. • ,													
	Male	Female	Total	G	en	OB	C	S	С	S	Т	PH (O Tota		Mino	ority	Outs Sta		Outs Cou	
	06	04	10	М	F	М	F	М	F	М	F	M	F	M	F	M	F	М	F
	00	04	10	02	01	02	-	-	-	02	03	-	-	-	-	-	-	-	-

Student Enrolment : Semester - III (2015-16)

Male	Female	Total	G	en	OE	3C	S	С		ST	PH (O		Mino	ority	Outs Sta		Outs Cour	
	02	02	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F
_	02	02	-	01	•	1	1	-	-	01	-	-	-	-	-	-	-	-

## **Department of Kokborok**

Student Enrolment: Semester - I (2015-16)

Male	Female	Total	G	ien	OB	C	S	SC .	S		PH of T		Min	ority	Out:	side ate		tside untry
27	22	50	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
21	23	50	-	-	-	ı	1	•	27	23	ı	-	ı	•	•		-	ı

Student Enrolment : Semester - III (2015-16)

Male	Female	Total	G	en	OE	BC		SC .	S	Т	PH of T	(Out otal)	Min	ority	Out: Sta	side ate		tside untry
27	22	49	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
21	22	49	-	-	-	-	ı	ı	27	22	•	•	1	•	•	-	-	-

## **Department of Law**

Student Enrolment: Semester - I (2015-16)

	Male	Female	Total	G	en	OE	3C	S	С	S			(Out otal)	Min	ority	Out:			tside untry
Γ	2	12	15	М	F	M	F	М	F	М	F	М	F	M	F	М	F	M	F
	3	12	15	01	02	-	04	01	03	01	03	-	-	-	-	-	01	-	-

Student Enrolment: Semester - III (2015-16)

Ottadont Em	011110111111100		\-	0 10 1	·,													
Male	Female	Total	G	en	OE	C	S	С	S	Т		(Out otal)	Mine	ority	Out:	side ate		tside untry
07	05	12	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
07	05	12	01	02	01	-	01	01	04	02	-	-	-	-	-	-	-	-

## **Department of Music**

Student Enrolment : Semester – I (2015-16)

			,															
Male	Female	Total	G	en	OE	3C	S	SC .	s	1		(Out otal)	Min	ority	Out: Sta			tside untry
07	16	22	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
07	16	23	04	12	03	03	-	-	-	01	-	-	-	-		-		-

oludent L	_IIIOIIIICIIL .	Jennesi		1 (201	J-10)													
Male	Female	Total	G	en	OE	3C	S	SC .	S	Т	PH of T	(Out otal)	Min	ority	Out:	side ate		tside untry
03	19	22	М	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
03	19	22	03	10	-	03	-	04	-	02	-	-	01	-	-	-	-	-

## **Department of Philosophy**

Student Enrolment: Semester – I (2015-16)

	Male	Female	Total	G	en	OE	3C	S	SC .	S		PH of T	(Out otal)	Min	ority	Out:	side ate		tside untry
Г	32	33	65	М	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F
	32	33	00	80	13	08	07	07	06	08	07	-	-	-	-	-	-	-	-

Student Enrolment : Semester - III (2015-16)

Male	Female	Total	G	en	OE	3C	S	SC .	S	Т	PH of T	`	Min	ority	Out:			side untry
18	27	55	М	F	M	F	М	F	М	F	М	F	M	F	M	F	M	F
10	37	55	08	16	02	04	03	-	-	-	-	-	-	-	-	-	-	-

#### **Department of Political Science**

Student Enrolment : Semester – I (2015-16)

1	Male	Female	Total	G	en	OE	3C	S	C	S	Т	PH of T		Mino	ority	Out:			tside untry
Ī	47	20	79	М	F	М	F	М	F	M	F	М	F	M	F	M	F	M	F
	47	32	19	05	04	07	01	06	08	29	19	-	-	-	-	-	-	-	-

Student Enrolment : Semester – III (2015-16)

Male	Female	Total	G	en	OE	3C	S	SC .	S	Т	PH of T		Min	ority	Outs Sta			tside untry
50	21	01	М	F	М	F	М	F	M	F	М	F	M	F	M	F	M	F
50	31	01	04	10	05	02	14	08	27	11	-	-	-	-	-	-	-	-

## **Department of Psychology**

Student Enrolment: Semester – I (2015-16):

Male	Female	Total	G	en	OE	3C		SC SC	S	Т		(Out otal)	Mino	ority	Out:	side ate		tside untry
	17	17	М	F	M	F	M	F	M	F	М	F	М	F	M	F	М	F
-	17	17	-	09	-	03	-	-	-	05	-	-	-	-	-	-	-	-

Student Enrolment : Semester - III (2015-16)

Male	Female	Total	G	en	OE	3C	S	SC .	S	Т	PH of T	(Out otal)	Min	ority	Out: Sta			tside untry
02	15	17	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
02	15	17	02	12	1	01	-	01	-	01	ı	ı	-	ı	ı	ı	-	-

## **Department of MRMD**

Student Enrolment: Semester - I (2015-16):

`	tuaciit L		CCITICOLC	<i>,</i> , , ,	2010	10).													
	Male	Female	Total	G	en	OE	3C	S	C	S	Т		(Out otal)	Min	ority	Out Sta	side ate		side untry
	20	20	40	М	F	М	F	М	F	M	F	М	F	M	F	М	F	M	F
	20	20	40	05	06	05	05	02	01	08	08	-	-	-	01	-	-	-	-

Student Enrolment : Semester – III (2015-16)

``	riadonic E		001110010	<i>,</i> , ,,,	(=0.0	.0,													
	Male	Female	Total	G	en	OE	3C	S	C	S	Т		(Out otal)	Min	ority	Out Sta			side untry
	19	11	30	М	F	М	F	М	F	M	F	M	F	М	F	М	F	M	F
	19	11	30	05	06	03	02	03	01	08	02	-	-	01	-	-	01	-	-

#### **Department of Sanskrit**

Male	Female	Total	Ge	en	OE	BC	S	С	s		Pl (Ou Tot	t of	Mino	ority	Outs		Outs Cour	
24	40	64	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F
24	40	04	07	80	04	80	10	80	03	16	-	-	-	-	-	-	-	-

Student Enrolment: Semester - III (2015-16)

Male	Female	Total	Ge	en	OE	зс	S		S	Т		(Out otal)	Mino	ority	Outs			side intry
11	26	27	M	F	M	F	M	F	M	F	M	F	M	F	Μ	F	M	F
11	20	31	03	12	06	04	02	04	-	06	-	-	1	1	-	-	-	-

## **Department of Sociology**

Student Enrolment: Semester - I (2015-16):

Male	Female	Total	G	en	OB	SC .		SC .	S		PH of T	(Out otal)	Mino	ority		side ate		side untry
90	10	10	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
00	13	19	-	03	-	-	-	-	06	10	-	-	-	-	-	-	-	-

Student Enrolment : Semester - III (2015-16)

Male	Female	Total	G	en	ОВ	IC.		SC SC	S		PH of T	(Out otal)	Min	ority		side ate		tside untry
11	06	17	М	F	M	F	М	F	М	F	M	F	M	F	M	F	M	F
' '	00	17	-	-	-	-	-	-	11	06	-	-	-	-	-	-	-	-

## **Department of Botany**

Student Enrolment: Semester - I (2015-16):

Male	Female	Total	G	en	OE	3C	S	С	S	Т	PH of T	`	Min	ority		side ate	Outs	
	4.0		М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
16	10	26	03	01	05	01	03	02	04	06	01	-	1	-	03	-	-	1

Student Enrolment: Semester - III (2015-16)

Male	Female	Total	G	en	OE	зс	S	SC .	S	Т	PH (		Mino	ority	Outs Sta	side ate	Outs	
			М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
10	08	18	05	05	03	01	-	02	02	-	1	1	1	1	1	-	1	-

## **Department of Chemistry**

Student Enrolment : Semester - I (2015-16)

Male	Female	Total	G	en	OE	3C	S	С	S	Т	PH of To	(Out otal)	Min	ority		side ate	Outs	
19	10	29	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
19	10	29	13	05	03	03	03	02	-	-	01	-	-	01	03	01	-	-

Student Enrolment : Semester - III (2015-16)

	Male	Female	Total	G	en	OE	3C	S	С	S		PH of T	(Out otal)	Min	ority		side ate	Outs	
Ī				М	F	М	F	М	F	M	F	М	F	М	F	M	F	M	F
	21	10	31	15	06	05	02	01	01	-	01	-	-	01	-	-	-	-	-

## **Department of Computer Science and Engineering**

Student Enrolment : Semester - I (2015-16)

Male	Female	Total	Ge	en	OE	3C	S	С	S		PH (O Tota	ut of al)	Mino	rity	Outs Sta			tside untry
10	06	18	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F
12	06	10	4	3	2	-	3	-	3	3	-	-	-	-	-	-	-	Nil

Male	Female	Total	Ge	en	OE	3C	S	С	S		PH (O Tota	ut of al)	Mino	ority	Outs Sta		Outs Cour	
		15	M	F	М	F	М	F	М	F	M	F	M	F	М	F	М	F
02	13		-	6	-	4	2	2	-	1	-	-	-	-	-	-	-	-

#### **Department of Electrical Engineering**

Student Enrolment : Semester – I (2015-16)

Male	Female	Total	G	en	OB	C	S	SC .	S	Т	PH of T	(Out otal)	Min	ority	Out: Sta	side ate		tside untry
15	00	24	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
15	09	24	04	03	02	-	05	02	04	04	-	ı		-	-	•	-	-

Student Enrolment: Semester - III (2015-16)

				(	,													
Male	Female	Total	G	en	ОВ	C		SC .	S	Т		(Out otal)	Min	ority	Out: Sta	side ate		tside untry
05	03	08	М	F	M	F	М	F	М	F	M	F	M	F	M	F	M	F
US	03	00	02	02	03	-	-	-	-	01	-	-	-	-	-	-	-	-

## **Department of Forestry and Biodiversity**

Student Enrolment : Semester – I (2015-16)

Male	Female	Total	G	en	OI	3C	S	С	S	Т	PH of To		Min	ority	Out:			tside untry
09	07	16	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
09	07	10	04	01	01	01	02	02	02	03	-	-	01	01	01	-	-	-

Student Enrolment: Semester - III (2015-16)

- 3	71440				\	,													
	Male	Female	Total	G	en	OE	3C		C	S	T	PH of T	(Out otal)	Min	ority	Out: Sta	side ate		tside untry
	05	09	1.1	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
	05	09	14	02	02	00	03	02	02	01	02	-	-	-	01	-	-	-	-

# Department of Geography and Disaster Management Student Enrolment : Semester – I (2015-16)

- 3		in on none . C	011100101	. (-	0 10 1	,													
	Male	Female	Total	G	en	0	вс	S	С	S	Т	PH (O Tota		Mino	rity	Out: Sta	side ate	Outs	
				М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
	11	10	21	05	03	-	03	02	02	04	02	01	-	-	-	03	01	-	-

Student Enrolment : Semester - III (2015-16)

Male	Female	Total	G	en	OE	3C	SC	2	S	Γ	PH (O Tota		Mino	rity	Outs Sta		Outs Cour	
1.0			М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
10	03	13	05	03	-	-	02	-	03	-	-	-	-	-	01	-	-	-

## **Department of Human Physiology**

Student Enrolment: Semester - I (2015-16)

	Male	Female	Total	G	en	OE	3C	S		S	Т	PH of To	(Out otal)	Min	ority	Out: Sta	side ate		side intry
ſ	10	1.1	26	M	F	M	F	М	F	M	F	М	F	M	F	М	F	M	F
	12	14	20	06	09	-	01	03	02	03	02	-	-	-	-	-	-	-	-

Student Enrolment : Semester - III (2015-16)

Male	Female	Total	G	en	OE	3C		SC	S	Т		(Out otal)	Min	ority	Out: Sta	side ate		tside untry
06	11	17	М	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F
00	11	17	06	06	1	01	-	04	-	-	ı	ı	ı	•	ı	ı	-	-

## **Department of Information Technology (MCA)**

Male	Female	Total	G		OI	зс	S	С	S	Т	PH (C Tot		Mino	ority	Outs sta		Outs cour	
			М	F	М		М	F	М	F	М	F	М	F	M	F	М	F
12	05	17	07	M F	03	03	01	01	01	01	-	-	-	-	02	-	-	-

Students Enrolment : Semester- III (2015-16)

Male	Female	Total	G	en	OI	ВС	S	С	S	Т	PH (C Tot		Mino	ority		side ate	Outs	
			М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
08	19	27	04	13	01	05	03	01	-	-	-	-	-	-	-	02	-	-

Students Enrolment: Semester- V (2015-16)

Male	Female	Total	G	en	OBC M F	S	С		ST	PH (C		Mino	ority	Outs sta		Outs		
			М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
16	09	25	09	04	02	02	03	02	-	01	-	-	-	-	-	-	-	-

## **Department of Information Technology (BCA)**

Students Enrolment : Semester- I (2015-16)

				- 1														
Male	Female	Total	G	en	OI	вс	S	С	S	Τ	PH (C Tot		Mino	ority	Outs sta		Outs	
			М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
12	05	17	06	01	03	03	01	01	01	01	-	-	-	-	-	-	02	-

Students Enrolment: Semester- III (2015-16)

-	Ottadent	o Ellionnei	it . Ociti	COLCI	111 (2	<i>-</i> 10 1	Ο)												
	Male	Female	Total	G	en	OE	зс	S	0	S	Т	PH (C Tot		Mino	ority	Outs sta		Outs cour	
				M	F	М	F	: М	F	М	F	M	F	M	F	M	F	M	F
ſ	04	01	05	03	01	-	-	01	-	-	-	-	-	-	-	-	-	-	-

Students Enrolment: Semester- V (2015-16)

_	Ottadonic	0 =1110111101	10.00111	00101	* (==	,,,,,,,,	"												
	Male	Female	Total	G	en	OE	BC	S	SC .	S	Т	PH (C Tot		Mino	ority		tside ate	Outs	
				М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
ſ	04	04	08	03	02	01	-	-	01	01		-	-	-	-	-	01	-	-

## **Department of Mathematics**

Student Enrolment: Semester – I (2015-16)

Male	Female	Total	G	en	Ol	ВС	S	С	S.		,	Out of otal)	Mino	ority	Outs sta		Outs	
			М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
43	10	53	15	08	11	01	15	01	02	-	-	01	-	-	02	-	-	-

Student Enrolment: Semester - III (2015-16)

01000111		001110011	,	\ <del>-0.0</del>	. • ,													
Male	Female	Total	G	en	OE	3C	S		S			(Out otal)	Mine	ority		side ate		tside untry
26	10	38	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
20	12	30	21	09	02	02	03	01	-	-	-	-	03	01	-	-	-	-

## **Department of Microbiology**

Ottudent	LINOINICH.	. Ocinicat	CI - I	(2010	10)													
Male	Female	Total	G	en	Ol	вс	S	С	8	ST.	PH of T	(Out otal)	Min	ority		outside State		utside ountry
			М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
04	09	13	01	01	01	03	02	01	-	04	-	-	-	1	1	01 (OBC)	1	-

Student Enrolment: Semester - III (2015-16)

Male	Female	Total	G	en	OE	3C		SC .	S	īΤ	PH of T	(Out otal)	Min	ority	Out: Sta			side untry
04	03	07	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
04	03	07	03	01	-	01	01	-	-	01	-	-	-	-	-	-	-	-

## **Department of Molecular Biology and Bioinformatics**

Student Enrolment : Semester – I (2015-16)

Male	Female	Total	G	en	OE	BC	S	SC .	S	T	PH of T	(Out otal)	Mino	ority	Out:	side ate		tside untry
08	09	17	М	F	M	F	М	F	М	F	М	F	M	F	M	F	M	F
00	09	17	03	06	02	01	02	01	01	01	-	-	01	-	-	-	-	-

Student Enrolment : Semester - III (2015-16)

Male	Female	Total	G	en	OB	C	S		S	Т		(Out otal)	Mine	ority	Out: Sta	side ate		tside untry
04	03	07	М	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
04	03	07	01	03	-	-	03	-	-	-	-	-	-	-	-	-	-	-

## **Department of Pharmaceutical Chemistry**

Student Enrolment : Semester – I (2015-16)

Male	Female	Total	G	en	OI	3C	S	С	S		PH (	(Out otal)	Min	ority	Outs Sta		Outs Cou	
05	03	08	М	F	М	F	M	F	M	F	M	F	M	F	М	F	М	F
05	03	00	03	02	-	-	01	01	01	-	-	-	01	-	01	-	-	-

Student Enrolment: Semester - III (2015-16)

Male	Female	Total	Ge	en	OE	3C	S	С	S	Т	PH (C	Out of tal)	Mino	rity		side ate		tside untry
02	03	05	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F
02	00	00	01	-	01	01	-	-	-	02	-	-	-	-	-	02	-	-

## **Department of Physics**

Student Enrolment: Semester-I (2015-16)

	Male	Female	Total	Ge	en	OE	3C	S	С	S	Т	PH ( of To	(Out otal)	Mino	ority		side ate		tside untry
Ī	16	12	28	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
	10	12	20	10	07	03	03	03	01	00	01	-	-	-	-	-	-	-	-

Student Enrolment : Semester-III (2015-16)

Male	Female	Total	G	en	OE	3C	S	С	S		,	(Out otal)	Mino	rity		side ate		tside untry
18	07	25	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
10	07	20	10	04	03	01	05	01	00	01	01	00	-	-	-	-	-	-

## **Department of Statistics**

Student Enrolment: Semester - I (2015-16)

Male	Female	Total	G	ien	OE	зс		SC .	S		PH of T	(Out otal)	Mine	ority	Out: Sta			tside untry
	10	10	M	F	M	F	М	F	M	F	M	F	М	F	M	F	М	F
-	10	10	-	03	-	06	-	01	-	-	-	-	-	-	-	-	-	-

٠,	Judeni L	monnent.	Jennestei	— III (	2010-	10)													
	Male	Female	Total	G	en	OE	3C	0)	C	S		PH of T	(Out otal)	Mine	ority		side ate		side untry
	08	08	16	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F
	00	00	'0	02	02	06	06	-	-	-	-	-	-	-	-	-	-	-	-

#### **Department of Zoology**

Student Enrolment: Semester - I (2015-16)

Male	Female	Total	G	en	OI	зс		C	S	Т		(Out otal)	Min	ority	Out: Sta	side ate		tside untry
12	14	26	M	F	М	F	М	F	М	F	M	F	М	F	M	F	M	F
12	14	20	06	07	01	-	02	02	03	05	-	-	-	-	02	-	-	-

Student Enrolment : Semester – III (2015-16)

•	otaaont L	THE OHITIOTIC . C	2011100101	\		.0,													
	Male	Female	Total	G	en	OE	3C		С	S	Т	PH of T	(Out otal)	Min	ority		side ate		tside untry
	08	11	19	М	F	М	F	M	F	М	F	М	F	М	F	M	F	M	F
	00	''	19	03	08	01	-	02	01	02	02	-	-	-	-	-	01	-	-

#### **5 Year Integrated Master's Degree**

Student Enrolment: Semester - I (2015-16)

	Male	Female	Total	G	en	OE	3C	S	С	S			(Out otal)	Min	ority	Out: Sta			side untry
ſ	45	52	97	М	F	М	F	М	F	М	F	М	F	M	F	M	F	M	F
	45	52	91	10	17	04	04	09	06	22	25	-	-	02	01	-	-	-	-

Student Enrolment: Semester - III (2015-16)

	Male	Female	Total	G	en	OE	3C	S	SC .	S		PH of T	(Out otal)	Min	ority	Out: Sta			tside untry
ſ	41	21	72	М	F	M	F	М	F	М	F	M	F	M	F	M	F	M	F
	41	31	12	05	09	04	03	03	03	29	16	-	-	-	-	-	-	-	-

Student Enrolment: Semester – V (2015-16)

Male	Female	Total	G	en	OE	3C	S	SC .	S		PH of T	,	Min	ority	Out:	side ate		tside untry
27	32	59	М	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F
21	32	59	06	06	02	07	02	02	17	17	-	-	-	-	-	-	-	-

#### B. Voc in Film and Video production

Student Enrolment : Semester – I (2015-16)

Student	LIIIOIIIIEIIL	. Semesi	<u> </u>	(2013	-10)													
Male	Female	Total	G	en	OE	3C	S	SC .	S	Т	PH of T		Min	ority	Out:	side ate		tside untry
19	08	27	М	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F
19	00	21	05	0.3	0.3	01	01	04	10	-	-	-	-	_	01	-	_	-

#### Centre for Study of Social Exclusion and Inclusive Policy

Student Enrolment: Semester – I (2015-16)

- 3	- Ca a a a c : 10 - 2		000000	/-		. • ,													
	Male	Female	Total	G	en	OI	3C	S		S	Т	PH (	Out otal)	Mino	rity	Outs Sta		Outs Cou	side ntry
	13	08	24	M	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F
	13	06	21	03	01	02	02	03	02	05	03	-	-	-	-	-	-	-	-

## **B.** Voc in Rubber Technology

Student Enrolment: Semester – I (2015-16)

Male	Female	Total	G	en	OE	3C	S		S		PH (O Tota	ut of al)	Mino	ority	Outs Sta		Outs Cour	
16	06	22	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F
10	00		04	05	03	-	03	-	06	01	-	-	-	-	01	-	-	-

#### Centre for Bamboo Cultivation and Resource Utilization

Male	Female	Total	G	en	OB	BC		SC	S	Т		(Out otal)	Mine	ority	Out Sta	side ate		side untry
04	04	08	М	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F
04	04	00	02	03	01	-	-	01	01	-	-	-	-	-	-	-	-	-

## **Directorate of Distance Education**

Student Enrolment (2015-16)

Student Enrolling	iii (20	13-10	')																	
Programme	Duration	Male	Female	Total		ב פ פ	C	OBO	Ç	) n	ŀ	<u>,</u>	PH (Out of	Total)	Minority	( ) ( ) ( )	Outside State	Outside State	Outside	Country
					М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
B.A	3 Yrs	2217	1388	3605	736	472	574	324	432	209	475	383	15	40	20	35	00	00	00	00
B.Ed.	2 Yrs	108	82	190	23	19	23	16	35	17	27	30	10	10	03	10	00	00	00	00
MA Education	2 Yrs	319	213	532	108	89	99	33	7.1	40	74	72	04	02	40	56	00	00	00	00
MA Political Science	2 Yrs	261	188	449	73	7.1	33	20	54	27	101	70	10	00	55	25	00	00	00	00
MA Bengali	2 Yrs	285	265	250	62	80	20	48	98	47	02	06	02	00	35	25	00	00	00	00
Certificate in Human Rights (CHR)	6 Months	10	9	16	04	90	03	10	10	00	02	00	00	00	00	00	00	00	00	00

Annual Report 2015-16		

Affiliated Colleges under Tripura University

Annual Report 2015-16		

# **Affiliated General Degree Colleges of Tripura University**

Sl.No.	Name of College
1	Adwaita Malla Barman Smriti College, Amarpur
2	B.B. Memorial College, Agartala
3	B.R. Ambedkar College, Fatikroy
4	Bhavans Tripura College of Science & Technology, Anandanagar
5	Dasaratha Dev Memorial College, Khowai
6	Government Degree College, Dharmanagar
7	Government Degree College, Gandacherra
8	Government Degree College, Kamalpur
9	Government Degree College, Khumulwng
10	Govt. Degree College, Kanchanpur
11	Govt. Degree College, Longtarai Valley
12	Govt. Degree College, Santirbazar
13	Govt. Degree College, Teliamura
14	Holy Cross College, Durjaynagar
15	Ishwar Chandra Vidyasagar College, Belonia
16	Kabi Nazrul Mahavidyalaya, Sonamura
17	M.B.B. College, Agartala
18	Micheal Madhusudhan Datta College, Sabroom
19	National Institute of Electronics & IT (NIELIT)
20	Netaji Subhas Mahavidyalaya, Udaipur
21	Rabindranath Thakur Mahavidyalaya, Bishalgarh
22	Ramkrishna Mahavidalaya, Kailasahar
23	Ramthakur College, Agartala
24	Swami Vivekananda Mahavidyalaya, Mohanpur
25	Tripura State Academy of Tribal Culture
26	Tripura Tribal Folk Music College
27	Women's College, Agartala

Name of the College : Adwaita Malla Barman Smriti College,

Amarpur

Year of Establishment : 1988

Name of the Principal : **Dr. Pradip Kumar Dipak** 

Total No. of Teaching Faculty : 15
Total no of Non-Teaching Staff : 11

#### **Students Enrolment: Semester-I (2015-2016)**

1	M	F	Total	G	en	OI	BC	S		S	Т	PH (Out o	f Total)	Mino	rity
	171	•	Total	)		O.		3		J		111 (Out 0	i i otal)	14111101	,
	147	106	253	M	F	M	F	M	F	М	F	M	F	М	F
	147	100	255	38	28	25	24	46	37	38	17	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

	М	F	Total	G	en	OI	3C	S	С	S	Т	PH (0	Out of tal)	Minori	ty
Γ.	133	73	206	M	F	M	F	М	F	M	F	М	F	М	F
	133	/3	200	28	22	24	18	42	24	39	09	-	-	-	-

#### Student Enrolment : Semester-V (2015-2016)

М	F	Total	Ge	en	OI	BC	S		S	Т	PH (C	Out of tal)	Minori	ity
95	43	138	М	F	М	F	М	F	М	F	М	F	М	F
93	73	130	18	12	26	13	32	13	19	05	-	-	-	-

Name of the College : **B.B. Memorial College, Agartala** 

Year of Establishment : 1969

Name of the Principal : **Dr. R. Chakraborty** 

Total No. of Teaching Faculty : 51
Total no of Non-Teaching Staff : 33

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OE	3C	S		S		,	Out of tal)	Minor	ity
1171	447	1618	М	F	М	F	М	F	М	F	М	F	М	F
1171	447	1010	737	266	81	32	191	70	162	79	04	02	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

	М	F	Total	G	en	OE	ЗС	S		S <sup>-</sup>		PH (0 To	Out of tal)	Mino	rity
ſ	802	420	1222	М	F	M	F	М	F	М	F	М	F	M	F
	002	420	1222	407	273	49	14	149	72	197	61	03	01	-	-

М	F	Total	Ge	en	OI	3C	S		S		`	Out of tal)	Minor	ity
639	240	879	М	F	М	F	М	F	М	F	M	F	М	F
039	240	0/9	350	163	43	18	102	23	144	36	03	01	-	-

Name of the College : **B.R. Ambedkar College, Fatikroy** 

Year of Establishment : 1979

Name of the Principal : **Dr. Subrata Sharma** 

Total No. of Teaching Faculty : 34
Total no of Non-Teaching Staff : 11

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OI	зс	S	С	S	Т	PH (C		Minor	ity
170	154	324	М	F	М	F	М	F	М	F	M	F	М	F
170	134	324	45	44	67	59	49	35	09	16	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OE	3C	S	С	S		,	Out of otal)	Minor	ity
116	138	254	М	F	М	F	М	F	М	F	М	F	М	F
110	130	234	45	52	35	42	30	32	06	12	-	01	-	-

#### **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	OE	3C		С	S	Т	PH (C	Out of tal)	Mino	rity
91	100	191	М	F	М	F	M	F	М	F	М	F	М	F
31	100	131	34	42	25	25	29	27	03	06	-	-	-	-

Name of the College : Bhavans Tripura College of Science &

Technology, Anandanagar

Year of Establishment : 2003

Name of the Principal : **Dr. Debabrata Bhowmik** 

Total No. of Teaching Faculty : 18
Total no of Non-Teaching Staff : 08

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OI	BC	S		S	T	PH (0 To	Out of tal)	Mino	rity
24	20	70	М	F	М	F	М	F	М	F	М	F	М	F
34	36	70	16	22	07	07	10	06	01	01	-	-	-	-

## Student Enrolment : Semester-III (2015-2016)

М	F	Total	G	en	OI	ЗС	S		S		PH (0 To	Out of tal)	Mino	rity
18	09	27	М	F	М	F	М	F	М	F	М	F	М	F
10	09	21	08	08	06	01	03	-	01	-	-	-	-	-

М	F	Total	G	en	OI	ВС	s	С	S		PH (0 To		Mino	rity
11	09	20	М	F	М	F	М	F	M	F	М	F	М	F
	09	20	08	06	02	02	01	01	-	-	-	-	-	-

Name of the College : Dasaratha Dev Memorial College, Khowai

Year of Establishment : 1979

Name of the Principal : Smt. Kalpana Das

Total No. of Teaching Faculty : 43
Total no of Non-Teaching Staff : 30

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OE	BC	S	С	S	T	PH (C		Mino	rity
530	350	880	М	F	М	F	М	F	М	F	M	F	М	F
330	330	000	89	64	140	76	93	66	208	144	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	Ge	en	Ol	3C	S	С	S		PH (C	Out of tal)	Mino	rity
503	324	827	М	F	М	F	М	F	М	F	М	F	М	F
303	324	021	137	72	89	38	88	51	189	163	-	-	-	-

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	G	en	Ol	ВС	S	C	S		,	Out of tal)	Mino	rity
273	199	472	М	F	М	F	М	F	M	F	М	F	М	F
2/3	199	4/2	70	42	50	45	43	23	110	89	01	01	-	-

Name of the College : Government Degree College, Dharmanagar

Year of Establishment : 1979

Name of the Principal : **Dr. Sambhunath Rakshit** 

Total No. of Teaching Faculty : 48
Total no of Non-Teaching Staff : 24

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	G	en	OE	вс	S		S	Т	`	Out of tal)	Mino	ority
ſ	780	659	1439	М	F	М	F	М	F	М	F	М	F	М	F
	700	039	1439	290	246	256	218	152	125	82	70	03	03	96	71

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	Ge	en	OE	ВС	S		S	т	`	Out of tal)	Mino	ority
627	536	1163	M 229	F 184	M 186	F 170	M	F 98	M 91	F 84	M	F 01	M	F

М	F	Total	Ge	en	OE	BC	s		s	Т	`	Out of tal)	Mino	ority
437	322	759	M	M   F		F	M	F	М	F	М	F	М	F
431	322	759	149	114	109	80	96	70	83	58	01	02	56	41

Name of the College : Government Degree College, Gandacherra

Year of Establishment : 2011

Name of the Principal : Sri Dipak Kumar Sarkar

Total No. of Teaching Faculty : 18
Total no of Non-Teaching Staff : 05

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OI	зс	S		S		PH (0 To	Out of tal)	Mino	rity
65	25	90	М	F	М	F	М	F	М	F	М	F	М	F
03	25	90	02	03	06	03	09	11	48	08	-	-	-	-

#### **Student Enrolment: Semester-III (2015-2016)**

	М	F	Total	G	en	OE	ЗС	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
ĺ	34	13	47	М	F	М	F	М	F	М	F	М	F	М	F
	54	13	47	01	01	05	03	03	04	25	05	-	-	-	-

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	G	en	OI	3C	S	С	S	T	,	Out of tal)	Mino	rity
39	19	58	М	F	М	F	М	F	M	F	М	F	М	F
39	19	36	02	03	06	03	06	06	25	07	-	-	-	-

Name of the College : Government Degree College, Kamalpur

Year of Establishment : 1987

Name of the Principal : **Dr. Chandana Bhattacharya** 

Total No. of Teaching Faculty : 39
Total no of Non-Teaching Staff : 23

#### **Students Enrolment : Semester-I (2015-2016)**

М	F	Total	G	en	Ol	ВС		С	S	Т	PH (0 To	Out of tal)	Mino	rity
290	279	569	М	F	М	F	М	F	M	F	M	F	М	F
290	219	509	25	25	92	83	87	90	86	81	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OI	зс	S	С	S	т	`	Out of tal)	Mino	rity
212	213	425	M	F	M	F	М	F	М	F	М	F	М	F
212	213	423	14	16	73	68	68	72	57	57	-	-	-	-

	М	F	Total	Ge	en	OI	3C	S	С	S	ST	PH (C	Out of al)	Mino	rity
ſ	93	109	202	М	F	М	F	M	F	М	F	М	F	М	F
	93	109	202	09		30	37	31	34	23	22	01	-	-	-

Name of the College : Government Degree College, Khumulwng

Year of Establishment : 2007

Name of the Principal : **Dr. Dipankar Chakraborty** 

Total No. of Teaching Faculty : 13
Total no of Non-Teaching Staff : 09

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	Ge	en	OI	3C	S	С	S.		PH (0 To	Out of tal)	Mino	rity
Ī	169	76	245	M	F	М	F	М	F	М	F	М	F	М	F
	109	70	240	-	-	13	09	05	04	151	63	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

	М	F	Total	Ge	en	OE	BC	S	С	S.		PH (0 To	Out of tal)	Mino	rity
Γ	151	63	214	М	F	М	F	М	F	М	F	M	F	М	F
	131	03	214	-	-	10	04	04	03	137	56	-	-	-	-

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	Ge	en	OI	ВС	S	С	S		PH (0 To	Out of tal)	Mino	rity
132	49	101	М	F	М	F	М	F	М	F	М	F	М	F
132	49	101	-	-	08	07	05	03	119	39	-	-	-	-

Name of the College : Govt. Degree College, Kanchanpur

Year of Establishment : 2012

Name of the Principal : Sri Pramodh Malakar

Total No. of Teaching Faculty : **07**Total no of Non-Teaching Staff : **05** 

#### **Students Enrolment: Semester-I (2015-2016)**

ı	M	F	Total	G	en	OI	3C	S	С	S	ST	`	Out of tal)	Mino	rity
	32	42	124	М	F	М	F	М	F	М	F	M	F	М	F
	)2	42	124	13	02	19	24	14	09	36	07	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OE	3C	S	С	S	T	,	Out of tal)	Mino	ority
77	40	117	М	F	М	F	М	F	М	F	M	F	М	F
' '	7	117	10	07	22	15	12	04	33	14	ı	-	-	-

М	F	Total	G	en	OI	ЗС	S		S	T	PH (0 To	Out of tal)	Mino	rity
50	30	80	М	F	М	F	М	F	М	F	M	F	М	F
30	30	00	03	09	16	11	08	02	23	08	-	-	-	-

Name of the College : Govt. Degree College, Longtarai Valley

Year of Establishment : 2012

Name of the Principal : Sri Malsawma Darlong

Total No. of Teaching Faculty : 10
Total no of Non-Teaching Staff : 05

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	G	en	OI	зс		С	S		PH (0 To	Out of tal)	Mino	rity
Ī	74	37	111	М	F	М	F	М	F	М	F	М	F	М	F
	14	31	111	37	18	17	14	09	05	11	-	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	Ge	en	OI	ВС	S	С	S	T	PH (0 To	Out of tal)	Mino	rity
48	13	61	М	F	M	F	М	F	М	F	M	F	М	F
+0	13	01	09	-	06	01	10	06	23	06	-	-	-	-

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	G	en	OI	3C	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
22	18	40	М	F	М	F	М	F	М	F	М	F	М	F
22	10	40	03	04	04	05	04	-	11	09	-	-	-	-

Name of the College : Govt. Degree College, Santirbazar

Year of Establishment : 2012

Name of the Principal : **Dr. Haradhan Saha** 

Total No. of Teaching Faculty : 10
Total no of Non-Teaching Staff : 10

#### **Students Enrolment : Semester-I (2015-2016)**

М	F	Total	G	en	OI	3C	S		S	Т	PH (0 To	Out of tal)	Mino	rity
80	53	133	М	F	М	F	М	F	М	F	M	F	М	F
80	55	133	40	26	20	13	14	10	06	04	-	-	-	-

## **Student Enrolment : Semester-III (2015-2016)**

	М	F	Total	G	en	OE	вс	S		S	Т	PH (0 To	Out of tal)	Mino	rity
ſ	50	24	74	М	F	М	F	М	F	М	F	М	F	М	F
	50	4	74	22	09	10	05	11	05	07	05	-	-	-	-

М	F	Total	G	en	OI	ЗС	S		S	Т	,	Out of tal)	Mino	rity
35	17	52	М	F	М	F	М	F	М	F	М	F	М	F
33	17	52	16	09	08	03	07	03	04	02	-	-	-	-

Name of the College : Govt. Degree College, Teliamura

Year of Establishment : 2012

Name of the Principal : **Dr. Kisor Ray** 

Total No. of Teaching Faculty : 10
Total no of Non-Teaching Staff : 12

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OI	зс	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
184	136	320	М	F	М	F	M	F	M	F	М	F	М	F
104	130	320	49	52	36	30	45	33	54	21	-	-	-	-

## **Student Enrolment: Semester-III (2015-2016)**

М	F	Total	G	en	OI	3C	S	С	S	ST	,	Out of otal)	Mino	rity
135	70	205	М	F	М	F	М	F	М	F	М	F	М	F
133	70	200	69	16	11	08	23	34	32	12	-	01	-	-

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	G	en	OI	3C		С	S	ST	PH (0 To	Out of tal)	Mino	rity
112	59	171	М	F	М	F	М	F	M	F	М	F	М	F
112	39	171	73	23	07	04	15	24	17	08	-	-	-	-

Name of the College : **Holy Cross College, Durjoynagar** 

Year of Establishment : 2009

Name of the Principal : Dr. Fr. Emmanuel Kallasackl

Total No. of Teaching Faculty : 30 Total no of Non-Teaching Staff : 30

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	Ge	en	OE	зс	S	С	S	T	PH (C	Out of tal)	Mino	rity
Ī	126	71	197	М	F	М	F	М	F	М	F	М	F	М	F
	120	/ 1	191	19	22	18	07	04	02	85	40	01	-	-	-

#### Student Enrolment: Semester-III (2015-2016)

М	F	Total	G	en	OI	BC	S	С	S		PH (C		Mino	rity
48	64	112	М	F	М	F	М	F	М	F	М	F	М	F
70	04	112	13	18	02	03	03	02	30	41	01	-	-	-

М	F	Total	G	en	OI	ЗС	S		S	Т	PH (0 To	Out of tal)	Mino	rity
53	28	81	M	F	М	F	М	F	М	F	М	F	М	F
55	20	01	09	08	05	02	02	01	37	17	-	-	-	-

Name of the College : Ishwar Chandra Vidyasagar College, Belonia

Year of Establishment : 1964

Name of the Principal : **Dr. Amiya Kumar Pan** 

Total No. of Teaching Faculty : **80** Total no of Non-Teaching Staff : **25** 

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OE	BC	S	С	S	Т	PH (0	Out of tal)	Mino	rity
954	475	1429	М	F	М	F	М	F	М	F	M	F	М	F
954	4/3	1429	393	234	192	91	182	84	187	66	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OE	BC	S	0	S <sup>-</sup>	Т	PH (0 To	Out of tal)	Mino	rity
746	339	1085	М	F	М	F	М	F	М	F	M	F	М	F
740	339	1005	281	165	187	62	117	37	161	75	-	-	-	-

#### **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	OE	BC .	S	0	S <sup>-</sup>	Г	PH (C		Mino	rity
627	258	885	М	F	М	F	М	F	М	F	М	F	М	F
021	230	000	214	120	146	55	108	30	159	53	02	-	-	-

Name of the College : Kabi Nazrul Mahavidyalaya, Sonamura

Year of Establishment : 1988

Name of the Principal : **Dr. Bimal Kumar Roy** 

Total No. of Teaching Faculty : 23
Total no of Non-Teaching Staff : 11

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	G	en	OE	ЗС	S	С	S		`	Out of tal)	Mino	rity
Ī	411	254	665	М	F	М	F	М	F	М	F	М	F	М	F
	411	234	000	254	189	44	18	73	37	40	10	01	01	-	-

#### **Student Enrolment: Semester-III (2015-2016)**

Dua	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· OIIII		COUCL	· (		<b>-</b> 0)							
М	F	Total	G	en	OI	3C	S	С	S	T	`	Out of otal)	Mino	rity
370	239	609	М	F	М	F	М	F	M	F	M	F	М	F
3/0	239	009	204	157	53	20	80	49	33	13	-	01	-	-

М	F	Total	Ge	en	Ol	ВС	s	С	s		,	Out of otal)	Mino	rity
255	99	354	М	F	М	F	М	F	М	F	M	F	М	F
200	99	334	144	65	39	10	62	19	10	05	-	01	-	-

Name of the College : M.B.B. College, Agartala

Year of Establishment : 1947

Name of the Principal : **Dr. Dilip Sarkar** 

Total No. of Teaching Faculty : 119
Total no of Non-Teaching Staff : 70

#### **Students Enrolment: Semester-I (2015-2016)**

M	1	F	Total	G	en	OI	3C	S	С	S		`	Out of tal)	Mino	rity
101	10	313	1323	М	F	М	F	М	F	М	F	М	F	М	F
10	10	313	1323	263	147	70	17	256	58	421	91	07	05	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	Ol	3C	S	С	S.		PH (0 To	Out of tal)	Mino	rity
905	332	1237	М	F	М	F	М	F	М	F	М	F	M	F
903	332	1237	240	180	56	10	214	51	395	91	18	04	-	-

#### **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	Ol	3C	S	С	S.	Т	,	Out of tal)	Mino	rity
983	287	1270	М	F	М	F	М	F	М	F	M	F	М	F
903	201	1270	285	149	66	21	203	63	429	54	09	01	-	-

Name of the College : Micheal Madhusudhan Datta College,

Sabroom

Year of Establishment : 1987

Name of the Principal : **Dr. Thaiu Mog** 

Total No. of Teaching Faculty : 17
Total no of Non-Teaching Staff : 14

## **Students Enrolment : Semester-I (2015-2016)**

М	F	Total	G	en	OI	3C	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
206	105	211	М	F	М	F	M	F	М	F	M	F	М	F
200	103	311	44	26	64	27	43	20	55	32	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OI	зс		С	S	Т	PH (0 To	Out of tal)	Mino	rity
160	89	249	М	F	М	F	М	F	М	F	М	F	М	F
100	09	249	33	22	50	27	29	18	48	22	-	-	-	-

М	F	Total	G	en	OI	BC		C	S	T	,	Out of tal)	Mino	rity
107	45	152	М	F	М	F	М	F	М	F	М	F	М	F
107	45	132	21	16	28	08	22	08	36	13	-	-	-	-

Name of the College : National Institute of Electronics & IT

(NIELIT)

Year of Establishment : 2010

Name of the Principal : Sri Anurag Mathur

Total No. of Teaching Faculty : 15
Total no of Non-Teaching Staff : 10

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	Ge	en	OE	BC .		С	S		,	Out of tal)	Mino	ority
Ī	26	12	38	М	F	M	F	M	F	М	F	М	F	М	F
	20	12	30	-	-	05	-	12	10	09	02	-	-	-	-

## **Student Enrolment : Semester-III (2015-2016)**

	М	F	Total	Ge	en	OE	3C		C	S		,	Out of tal)	Mino	rity
Ī	24	11	35	М	F	M	F	M	F	М	F	М	F	М	F
	24	11	33	-	-	02	-	16	10	06	01	-	-	-	-

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	Ge	en	OE	ЗС	S	С	S		`	Out of tal)	Mino	rity
07	_	07	М	F	М	F	М	F	М	F	М	F	М	F
07	_	07	-	-	-	-	02	-	05	-	-	-	-	-

Name of the College : **Netaji Subhas Mahavidyalaya, Udaipur** 

Year of Establishment : 1979

Name of the Principal : **Dr. Sanjay Roy** 

Total No. of Teaching Faculty : 82
Total no of Non-Teaching Staff : 19

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	Ge	en	OE	ЗС	S		S	T	,	Out of otal)	Mino	rity
Γ	924	482	1406	М	F	М	F	М	F	М	F	M	F	M	F
	924	402	1400	418	237	91	28	179	81	236	136	-	01	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OE	BC .	S	С	S	Т	`	Out of tal)	Minc	ority
583	359	942	М	F	М	F	М	F	М	F	М	F	М	F
303	339	342	177	138	142	72	132	66	132	83	02	01	-	-

М	F	Total	Ge	en	OE	BC .	S		S	Т	,	Out of tal)	Mino	rity
406	230	636	М	F	М	F	M	F	M	F	М	F	M	F
400	230	030	134	106	101	46	90	45	81	33	01	02	-	-

Name of the College : Rabindranath Thakur Mahavidyalaya,

Bishalgarh

Year of Establishment : 2012

Name of the Principal : Md. Harun Rashid

Total No. of Teaching Faculty : 22
Total no of Non-Teaching Staff : 10

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	Ge	en	OF	3C	S	С	S	T	PH (0 To	Out of tal)	Mino	rity
298	135	433	М	F	M	F	М	F	М	F	M	F	М	F
290	133	433	155	69	62	32	65	29	16	05	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

N	N	F	Total	G	en	OI	3C	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
20	05	79	284	М	F	М	F	М	F	M	F	М	F	М	F
21	03	19	204	74	39	63	23	58	16	10	01	-	-	-	-

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	Ge	en	OE	3C	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
143	59	202	М	F	M	F	М	F	М	F	M	F	М	F
143	39	202	116	46	11	03	05	05	11	05	-	-	-	-

Name of the College : Ramkrishna Mahavidalaya, Kailasahar

Year of Establishment : 1950

Name of the Principal : **Dr. Tapas Dasgupta** 

Total No. of Teaching Faculty : 71
Total no of Non-Teaching Staff : 23

#### **Students Enrolment : Semester-I (2015-2016)**

	М	F	Total	Ge	en	OE	BC	S	С	S	Т	`	Out of tal)	Mino	rity
Ī	971	745	1716	М	F	М	F	М	F	М	F	M	F	М	F
	911	7	1710	746	547	102	90	62	55	61	53	02	02	-	-

#### **Student Enrolment: Semester-III (2015-2016)**

М	F	Total	G	en	OE	3C	S	С	S	Т	,	Out of tal)	Mino	rity
820	621	1441	М	F	M	F	М	F	М	F	М	F	М	F
020	021	1441	627	479	89	78	52	31	52	33	01	01	-	-

М	F	Total	G	en	OE	3C	S	С	S	Т	,	Out of tal)	Mino	rity
633	501	1134	М	F	М	F	М	F	М	F	M	F	М	F
033	301	1134	484	418	66	45	42	19	41	19	-	-	-	-

Name of the College : Ramthakur College, Agartala

Year of Establishment : 1967

Name of the Principal : **Dr. Debabrata Goswami** 

Total No. of Teaching Faculty : **88**Total no of Non-Teaching Staff : **46** 

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OE	BC	S		S		PH (0 To	Out of tal)	Mino	rity
911	474	1385	М	F	М	F	М	F	М	F	M	F	М	F
911	4/4	1303	415	270	180	50	276	106	40	48	-	-	-	-

#### **Student Enrolment: Semester-III (2015-2016)**

М	F	Total	G	en	OF	зс	S		S	Т	PH (0 To	Out of tal)	Mino	rity
533	347	880	М	F	М	F	М	F	М	F	M	F	М	F
555	347	000	211	135	145	101	140	90	37	21	-	-	-	-

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	G	en	OI	зс		С	S	Т	`	Out of tal)	Mino	rity
684	468	1152	М	F	М	F	М	F	М	F	М	F	М	F
004	400	1132	378	211	135	108	74	94	97	55	02	01	-	-

Name of the College : Swami Vivekananda Mahavidyalaya,

Mohanpur

Year of Establishment : 2012

Name of the Principal : **Dr. Nirmal Bhadra** 

Total No. of Teaching Faculty : 16
Total no of Non-Teaching Staff : 10

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	G	en	OE	3C	S	С	S		`	Out of tal)	Mino	rity
ſ	214	86	300	М	F	M	F	М	F	М	F	М	F	М	F
	214	00	300	35	19	81	30	67	26	31	11	01	02	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OI	3C	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
123	41	164	М	F	М	F	М	F	М	F	М	F	М	F
123	71	104	20	11	41	14	42	13	20	03	-	-	-	-

М	F	Total	G	en	OI	ВС	S		S	T	PH (0 To	Out of tal)	Mino	rity
54	30	84	М	F	М	F	М	F	М	F	M	F	М	F
34	30	04	17	07	21	08	14	09	02	06	-	-	-	-

Name of the College : **Tripura State Academy of Tribal Culture** 

Year of Establishment : 2010

Name of the Principal : Smt. Moutoshi Debbarma

Total No. of Teaching Faculty : 18
Total no of Non-Teaching Staff : 04

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OE	3C	S		S		`	Out of tal)	Mino	rity
38	45	03	М	F	M	F	М	F	М	F	М	F	М	F
30	43	03	-	-	-	-	-	-	38	45	-	-	-	-

#### **Student Enrolment: Semester-III (2015-2016)**

М	F	Total	G	en	OE	3C	S		S		`	Out of tal)	Mino	rity
09	27	36	М	F	М	F	М	F	М	F	М	F	М	F
09	21	30	-	-	-	-	-	-	09	27	-	-	-	-

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	Ge	en	OE	3C	S		S	Т	PH (0 To	Out of tal)	Mino	rity
16	15	31	M	F	M	F	M	F	М	F	М	F	М	F
10	13	31	-	-	-	-	-	-	16	15	-	-	-	-

Name of the College : **Tripura Tribal Folk Music College** 

Year of Establishment : 2010

Name of the Principal : Sri. Chinmoy Das

Total No. of Teaching Faculty : 24
Total no of Non-Teaching Staff : 10

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	Ge	en	OE	3C	S		S		`	Out of tal)	Mino	ority
Ī	35	44	70	М	F	М	F	М	F	М	F	M	F	М	F
	33		19	-	-	-	-	-	-	35	44	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	Ge	en	OE	3C	S		S		PH (0 To	Out of tal)	Mino	rity
14	23	37	М	F	М	F	М	F	М	F	М	F	М	F
14	23	31	-	-	-	-	-	-	14	23	-	-	-	-

М	F	Total	G	en	OE	3C	S		S		`	Out of tal)	Mino	rity
15	19	34	М	F	М	F	М	F	М	F	М	F	М	F
13	19	34	-	-	-	-	-	-	15	19	-	-	-	-

Name of the College : Women's College, Agartala

Year of Establishment : 1965

Name of the Principal : **Smt. Manidipa Debbarma** 

Total No. of Teaching Faculty : 50
Total no of Non-Teaching Staff : 65

## **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	0	вс	9	SC .		ST	PH (0	Out of tal)	Mino	rity
_	1698	1698	М	F	М	F	M	F	М	F	М	F	М	F
_	1090	1090	-	368	-	295	-	451	-	584	-	-	-	-

## **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	0	ВС	9	SC .	,	ST	PH (0 To	Out of tal)	Mino	rity
	1304	1304	М	F	М	F	М	F	М	F	М	F	М	F
-	1304	1304	-	315	-	259	-	281	-	449	-	-	-	-

М	F	Total	G	en	0	ВС	9	SC .		ST	PH (C	Out of tal)	Mino	rity
_	1111	1111	M	F	М	F	М	F	М	F	М	F	М	F
-	1111	1111	-	289	-	183	-	271	-	368	-	-	-	-

# **Affiliated Professional Colleges of Tripura University**

Sl.No.	Name of College
1	Agartala Government Medical College, Agartala
2	Bhavan's Tripura College of Teachers Education, Narsingarh
3	Bhavans Tripura Training College, Ananadanagar
4	College of Teacher Education, Kumarghat
5	College of Veterinary Science & Animal Husbandry, R.K. Nagar
6	Dhalai District Polytechnic
7	Gomati District Polytechnic
8	Government College of Arts & Crafts, Gurkhabasti
9	Government Law College, Agartala
10	Holy Cross B.Ed. College, Durjaynagar
11	Institute of Advanced Studies in Education, Budha Mandir, Agartala
12	North Tripura District Polytechnic, Dharmanagar
13	Regional College of Physical Education, Panisagar
14	Regional Institute of Pharmaceutical Science & Technology (RIPSAT), Abhoynagar
15	Sachin Deb Barman Memorial Government Music College, Agartala
16	School & College of Nursing, TIPS, Hapania
17	Techno India Engineering College, Maheskhola
18	Tripura College of Agriculture, Lembuchera
19	Tripura College of Nursing, Hapania
20	Tripura Institute of Nursing Science, Durjoynagar
21	Tripura Institute of Paramedical Science, Hapania
22	Tripura Institute of Technology, Narsingarh
23	Tripura Medical College & Dr. BRAM Teaching Hospital, Hapania
24	Women's Polytechnic, Hapania

Name of the College : **Agartala Government Medical College**,

Agartala

Year of Establishment : 2005

Name of the Principal : **Dr. Kamal Krishna Kunda** 

Total No. of Teaching Faculty : 104
Total no of Non-Teaching Staff : 521

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	G	en	OI	ЗС	S	С	S	ST .	PH (0 To	Out of tal)	Mino	rity
Γ	54	46	100	М	F	М	F	М	F	М	F	M	F	М	F
	J <del>4</del>	40	100	16	30	09	01	08	14	21	01	-	-	-	-

## **Student Enrolment : Semester-III (2015-2016)**

	М	F	Total	G	en	OE	ЗС	S	С	S	T	PH (0 To	Out of tal)	Mino	rity
Ī	62	38	100	М	F	М	F	М	F	М	F	М	F	М	F
	02	30	100	22	08	11	03	12	08	17	19	-	-	-	-

#### **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	OI	3C	S		S	T	PH (0 To	Out of tal)	Mino	rity
61	39	100	М	F	М	F	М	F	М	F	M	F	М	F
01	39	100	18	15	13	04	11	07	19	13	-	-	-	-

Name of the College : Bhavan's Tripura College of Teachers

**Education**, Narsingarh

Year of Establishment : 2005

Name of the Principal : **Dr. Rajat De** 

Total No. of Teaching Faculty : 13
Total no of Non-Teaching Staff : 08

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OI	вс	S	С		ST.	`	Out of tal)	Mino	ority
58	42	100	М	F	М	F	M	F	М	F	М	F	М	F
30	42	100	24	21	29	20	05	-	-	01	-	-	-	-

Name of the College : **Bhavans Tripura Teacher Training College**,

Ananadanagar

Year of Establishment : 2015

Name of the Principal : **Dr. Lipika Dey** 

Total No. of Teaching Faculty : **08**Total no of Non-Teaching Staff : **07** 

М	F	Total	G	en	OE	3C	S	С	S	ST	,	Out of tal)	Mino	rity
44	56	100	М	F	М	F	M	F	М	F	M	F	М	F
44	50	100	24	32	14	22	06	01	-	01	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OE	3C	S	С	S	ST	,	Out of tal)	Mino	rity
44	56	100	М	F	М	F	М	F	М	F	M	F	М	F
44	30	100	20	28	14	22	06	01	-	01	-	-	4	4

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	G	en	OE	3C	S	С		ST	,	Out of tal)	Mino	rity
43	56	99	М	F	M	F	М	F	M	F	М	F	М	F
40	30	33	20	28	13	22	06	01	-	01	-	-	4	4

Name of the College : College of Teacher Education, Kumarghat

Year of Establishment : 2015

Name of the Principal : Sri Uttam Mitra (i/c)

Total No. of Teaching Faculty : 12
Total no of Non-Teaching Staff : 02

#### **Students Enrolment : Semester-I (2015-2016)**

М	F	Total	Ge	en	OE	ВС	s		s		`	Out of tal)	Mino	ority
43	57	100	М	F	М	F	М	F	М	F	М	F	М	F
43	37	100	11	24	07	07	12	07	13	18	01	01	-	01

Name of the College : College of Veterinary Science & Animal

Husbandry, R.K. Nagar

Year of Establishment : 2009

Name of the Principal : **Dr. B. T. Deshmukh** 

Total No. of Teaching Faculty : 50
Total no of Non-Teaching Staff : 298

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OE	3C	S	С	S		,	Out of tal)	Mino	rity
18	14	32	М	F	М	F	М	F	М	F	М	F	М	F
10	'-	32	09	07	-	-	05	-	04	07	-	-	-	-

#### Student Enrolment : Semester-III (2015-2016)

М	F	Total	G	en	OE	BC	S	С	S		,	Out of tal)	Mino	rity
17	15	32	М	F	М	F	М	F	М	F	M	F	М	F
17	15	32	06	07	01	-	05	04	05	04	-	-	-	-

М	F	Total	Ge	en	OE	3C	S		S		`	Out of tal)	Mino	rity
12	04	17	М	F	М	F	М	F	М	F	М	F	М	F
13	04	17	06	-	01	01	03	-	03	03	-	-	-	-

Name of the College : **Dhalai District Polytechnic** 

Year of Establishment : 2010

Name of the Principal : Sri Amalesh Bhattacharyya

Total No. of Teaching Faculty : 24
Total no of Non-Teaching Staff : 06

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	G	en	OI	зс	S		S	Т	`	Out of tal)	Mino	rity
Ī	97	22	119	М	F	М	F	М	F	М	F	М	F	М	F
	91	22	119	46	06	10	02	15	03	26	11	-	-	-	-

#### **Student Enrolment: Semester-III (2015-2016)**

М	F	Total	G	en	OI	ЗС	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
79	22	101	М	F	М	F	М	F	М	F	M	F	М	F
19	22	101	36	08	12	03	13	04	18	07	-	-	-	-

#### Student Enrolment: Semester-V (2015-2016)

М	F	Total	G	en	OI	3C	S		S		PH (0 To	Out of tal)	Mino	rity
70	28	98	М	F	М	F	М	F	М	F	М	F	М	F
10	20	30	28	10	12	03	17	03	13	12	-	-	-	-

Name of the College : Gomati District Polytechnic

Year of Establishment : 2013

Name of the Principal : Sri Nabarun Dasgupta

Total No. of Teaching Faculty : 12
Total no of Non-Teaching Staff : 10

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	Gen		OBC		SC		ST		PH (Out of Total)		Minority	
Ī	138	53	191	М	F	М	F	М	F	М	F	М	F	М	F
	130	55	191	49	14	10	08	21	15	55	12	01	-	03	04

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	Gen		OBC		SC		ST		PH (Out of Total)		Minority	
132	55	187	М	F	М	F	M	F	M	F	М	F	М	F
132			45	22	18	09	27	12	38	11	-	-	04	01

М	F	Total	Gen		OBC		SC		ST		PH (Out of Total)		Minority	
132	48	180	М	F	М	F	M	F	М	F	M	F	М	F
132			45	15	23	11	28	09	34	12	-	-	02	01

Name of the College : Government College of Arts & Crafts,

Gurkhabasti

Year of Establishment : 1975

Name of the Principal : Sri Abhijit Bhattacharyya

Total No. of Teaching Faculty : 28
Total no of Non-Teaching Staff : 13

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	G	en	OE	3C	S		S	T	,	Out of tal)	Mino	rity
ſ	35	12	47	М	F	М	F	М	F	М	F	М	F	М	F
	33	12	47	13	04	14	04	06	02	02	02	-	-	-	-

# **Student Enrolment : Semester-III (2015-2016)**

	М	F	Total	G	en	OE	3C	S	С	S		PH (0 To	Out of tal)	Mino	rity
Γ	18	09	27	M	F	М	F	М	F	M	F	М	F	М	F
	10	09	27	06	05	09	03	02	01	01	-	-	-	-	-

#### **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	OI	зс	S	С	S		,	Out of tal)	Mino	rity
22	15	37	М	F	М	F	М	F	М	F	М	F	М	F
22	13	37	06	05	07	07	06	03	03	-	-	-	-	-

Name of the College : Government Law College, Agartala

Year of Establishment : 1986

Name of the Principal : **Dr. Ranjan Kumar Mishra** (i/c)

Total No. of Teaching Faculty : 29
Total no of Non-Teaching Staff : 12

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OI	3C	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
29	30	59	М	F	М	F	М	F	М	F	М	F	М	F
29	30	39	10	14	04	01	03	01	12	14	-	-	-	-

# **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OE	3C		SC .	S	Т	,	Out of tal)	Mino	rity
14	22	36	М	F	М	F	М	F	М	F	M	F	М	F
17	22	30	04	06	04	05	-	01	06	10	-	-	-	-

# **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	OE	3C		C	S	Т	,	Out of tal)	Mino	rity
12	12	25	М	F	М	F	M	F	М	F	M	F	М	F
12	13	23	05	08	04	01	-	01	03	03	-	-	-	-

Name of the College : Holy Cross B.Ed. College, Durjaynagar

Year of Establishment : 2014

Name of the Principal : **Dr. Fr. Emmanuel Kallrackal** 

Total No. of Teaching Faculty : **09**Total no of Non-Teaching Staff : **05** 

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OI	ВС	S		S	Т	`	Out of tal)	Mino	rity
24	26	50	М	F	М	F	М	F	М	F	М	F	М	F
24	20	30	10	15	06	05	06	04	02	02	-	-	-	-

Name of the College : **Institute of Advanced Studies in Education**,

Budha Mandir, Agartala

Year of Establishment : 1964

Name of the Principal : **Dr. Ratna Roy** 

Total No. of Teaching Faculty : 22
Total no of Non-Teaching Staff : 23

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OI	3C	S		S	T	PH (0 To	Out of tal)	Mino	rity
58	92	150	М	F	M	F	М	F	М	F	M	F	М	F
30	92	130	12	52	06	07	16	11	24	22	-	-	-	-

#### **Student Enrolment: Semester-III (2015-2016)**

М	F	Total	G	en	OE	3C	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
07	11	18	М	F	М	F	М	F	М	F	M	F	М	F
07		10	03	06	01	01	01	02	02	02	-	-	-	-

Name of the College : North Tripura District Polytechnic,

Dharmanagar

Year of Establishment : 2014

Name of the Principal : **Dr. Tirtharaj Sen** 

Total No. of Teaching Faculty : **09**Total no of Non-Teaching Staff : -

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OI	ВС	S	C	S	ST.	PH (0 To	Out of tal)	Mino	rity
147	30	177	М	F	М	F	M	F	М	F	М	F	М	F
147	30	177	40	13	33	08	29	03	45	06	-	-	-	-

Name of the College : Regional College of Physical Education,

Panisagar

Year of Establishment : 1977

Name of the Principal : Sri Debdulal Baidya

Total No. of Teaching Faculty : 11
Total no of Non-Teaching Staff : 16

# **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	G	en	OI	3C	S		S	T	PH (0 To	Out of tal)	Mino	rity
Ī	48	12	60	М	F	М	F	М	F	М	F	М	F	М	F
	40	12	00	34	05	08	03	05	03	01	01	-	-	-	-

Name of the College : **Regional Institute of Pharmaceutical Science** 

& Technology (RIPSAT), Abhoynagar,

Agartala

Year of Establishment : 1979

Name of the Principal : **Dr. B. B. Goswami** 

Total No. of Teaching Faculty : 13
Total no of Non-Teaching Staff : 45

# **Students Enrolment: Semester-I (2015-2016)**

М	ı	F	Total	G	en	OE	зс	S		S		,	Out of tal)	Mino	rity
13	1	15	28	М	F	М	F	М	F	М	F	М	F	М	F
10	'   '	13	20	06	03	01	01	01	01	04	10	-	-	01	-

# Student Enrolment : Semester-III (2015-2016)

М	F	Total	G	en	OE	BC .	S	С	S	T	PH (0 To	Out of tal)	Mino	rity
18	10	28	М	F	М	F	М	F	М	F	M	F	М	F
10	10	20	02	01	02	-	02	01	09	08	-	-	03	-

### **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	OE	BC	S		S		PH (0 To	Out of tal)	Mino	rity
11	12	22	М	F	М	F	М	F	М	F	М	F	М	F
''	12	23	02	06	02	-	01	-	05	06	-	-	01	-

# Student Enrolment: Semester-VII (2015-2016)

М	F	Total	G	en	OI	ВС	S		S	т	,	Out of tal)	Mino	rity
20	09	29	М	F	М	F	М	F	М	F	М	F	М	F
20	09	29	07	01	02	01	05	-	05	07	-	-	01	-

Name of the College : Sachin Deb Barman Memorial Government

Music College, Agartala

Year of Establishment : 1964

Name of the Principal : **Dr. Manika Das** 

Total No. of Teaching Faculty : 34
Total no of Non-Teaching Staff : 11

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	Ol	ВС	S	С	S		,	Out of tal)	Mino	rity
40	85	125	M	F	М	F	М	F	М	F	M	F	М	F
40	00	123	09	41	13	21	11	09	07	14	02	02	-	-

# **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OE	3C		С	S	Т	,	Out of tal)	Mino	rity
35	76	111	М	F	М	F	М	F	M	F	М	F	М	F
33	70	111	10	43	11	17	08	06	06	10	01	01	-	-

# **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	G	en	OI	3C	S		S	Т	PH (0 To	Out of tal)	Mino	rity
29	68	97	М	F	М	F	М	F	М	F	M	F	М	F
29	00	91	14	48	07	13	05	03	03	04	-	-	-	-

Name of the College : School & College of Nursing, TIPS, Hapania

Year of Establishment : 2013

Name of the Principal : Smt. Sampa Sengupta

Total No. of Teaching Faculty : 31
Total no of Non-Teaching Staff : 55

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	OE	вс	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
19	17	36	М	F	М	F	М	F	М	F	М	F	М	F
19	17	30	06	08	07	07	03	02	01	02	-	-	-	-

# **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OE	BC	S		S	Т	PH (0 To	Out of tal)	Mino	rity
14	19	33	М	F	М	F	М	F	М	F	M	F	М	F
14	19	33	03	06	07	09	03	02	01	02	-	-	-	-

#### **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	OI	BC	S		S	1	,	Out of tal)	Mino	ority
01	05	06	М	F	M	F	М	F	M	F	M	F	М	F
01	03	00	01	02	-	02	-	-	-	-	-	-	-	01

Name of the College : **Techno India Engineering College**,

Maheskhola

Year of Establishment : 2014

Name of the Principal : **Prof. Kisor Ray** 

Total No. of Teaching Faculty : 30 Total no of Non-Teaching Staff : 03

#### **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	G	en	OE	ЗС		С	S		PH (0 To	Out of tal)	Mino	rity
Ī	97	28	115	M	F	М	F	М	F	M	F	M	F	М	F
	87	20	113	48	15	27	11	06	02	03	-	-	-	03	-

# Student Enrolment : Semester-III (2015-2016)

М	F	Total	G	en	OI	вс	s	C	S	T	PH (0 To	Out of tal)	Mino	rity
105	74	179	М	F	М	F	M	F	M	F	М	F	М	F
105	74	179	48	34	33	24	19	12	04	04	-	-	01	-

Name of the College : **Tripura College of Agriculture, Lembuchera** 

Year of Establishment : 2007

Name of the Principal : **Dr. Debasish Sen** 

Total No. of Teaching Faculty : 28
Total no of Non-Teaching Staff : 100

#### **Students Enrolment: Semester-I (2015-2016)**

Ī	М	F	Total	G	en	OI	ВС	S	С	S	Т	PH (0 To	Out of tal)	Mino	rity
	14	06	20	М	F	М	F	М	F	М	F	М	F	М	F
	17	00	20	07	02	01	01	03	-	03	03	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

				0.0 0 0 _	(_		,							
М	F	Total	G	en	OE	BC .	S	С	S	T	,	Out of tal)	Mino	rity
08	09	17	M	F	М	F	М	F	М	F	М	F	М	F
00	UB	17	02	06	01	-	03	01	02	02	-	-	-	-

#### **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	G	en	O	ВС		С	S	Т	,	Out of tal)	Mino	rity
11	14	25	М	F	М	F	М	F	М	F	М	F	М	F
11	14	25	04	06	-	03	03	03	04	02	-	-	-	-

Name of the College : **Tripura College of Nursing, Hapania** 

Year of Establishment : 2007

Name of the Principal : Smt. Sikha Deb

Total No. of Teaching Faculty : 23
Total no of Non-Teaching Staff : 08

# Students Enrolment: Semester-I (2015-2016)

	М	F	Total	G	en	OE	зс		С	S		`	Out of tal)	Mino	rity
Ī	27	41	68	М	F	М	F	М	F	М	F	М	F	М	F
	21	41	00	14	25	05	06	08	10	-	-	-	-	-	-

## **Student Enrolment: Semester-III (2015-2016)**

М	F	Tota	al	G	en	OE	3C	S	С	S	Т	`	Out of tal)	Mino	rity
13	38	51		М	F	М	F	М	F	M	F	М	F	М	F
13	36	31		01	31	08	-	04	07	-	-	-	-	-	-

# Student Enrolment: Semester-V (2015-2016)

М	F	Total	G	en	OF	3C	S	С		ST	,	Out of tal)	Mino	rity
20	35	55	M	F	М	F	М	F	М	F	M	F	М	F
20	33	55	14	28	01	04	05	02	-	01	-	-	-	-

Name of the College : **Tripura Institute of Nursing Science**,

Durjaynagar

Year of Establishment : 2004

Name of the Principal : Smt. Rama Bishnu Roy

Total No. of Teaching Faculty : 37
Total no of Non-Teaching Staff : 35

# Students Enrolment: Semester-I (2015-2016)

М	F	Total	G	en	OI	зс	S	C	S	т	,	Out of tal)	Mino	rity
07	30	37	М	F	М	F	М	F	М	F	М	F	М	F
07	30	37	-	17	03	01	02	03	02	09	-	-	-	-

# Student Enrolment: Semester-III (2015-2016)

М	F	Total	G	en	OI	3C		SC .	S		,	Out of tal)	Mino	rity
21	37	58	М	F	М	F	М	F	М	F	М	F	М	F
21	31	50	09	18	10	14	-	05	02	-	-	-	-	-

# **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	G	en	OF	ЗС	s	С	S	т	,	Out of tal)	Mino	rity
04	15	19	М	F	М	F	M	F	М	F	М	F	М	F
04	13	13	01	09	02	03	01	02	-	01	-	-	-	-

Name of the College : **Tripura Institute of Paramedical Science**,

Hapania

Year of Establishment : 2009

Name of the Principal : Smt. Jayathee Sen

Total No. of Teaching Faculty : 32
Total no of Non-Teaching Staff : 45

# **Students Enrolment: Semester-I (2015-2016)**

	М	F	Total	G	en	OI	3C	S	C	S	Т	PH (0 To	Out of tal)	Mino	rity
ſ	160	103	263	М	F	М	F	M	F	М	F	M	F	М	F
	100	103	203	97	37	15	39	30	15	18	12	-	-	-	-

# **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OI	3C	S	C	S	ST.	`	Out of tal)	Mino	rity
198	127	325	M	F	М	F	M	F	M	F	M	F	М	F
190	121	323	61	52	69	36	41	18	27	21	-	-	-	-

#### **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	OI	ЗС		C	S	т	PH (0 To	Out of tal)	Mino	rity
150	81	231	М	F	М	F	М	F	М	F	М	F	М	F
130	01	231	51	36	44	19	21	08	34	18	-	-	-	-

Name of the College : **Tripura Institute of Technology, Narsingarh** 

Year of Establishment : 2007

Name of the Principal : Sri Arup Kumar Daschoudhury

Total No. of Teaching Faculty : 92
Total no of Non-Teaching Staff : 54

#### **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	Ge	en	OI	3C	S	С	S	T	PH (C	Out of tal)	Mino	rity
161	48	209	М	F	М	F	М	F	М	F	М	F	М	F
101	40	209	60	16	31	07	32	12	38	13	01	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OI	3C		С	S	Т	,	Out of otal)	Mino	rity
190	94	284	М	F	М	F	М	F	М	F	М	F	М	F
190	34	204	59	26	29	14	51	25	51	29	-	01	-	-

#### **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	OE	BC		C	S	Т	,	Out of tal)	Mino	rity
190	72	262	М	F	М	F	М	F	М	F	М	F	М	F
190	12	202	61	26	41	09	44	25	44	12	01	01	-	-

Name of the College : **Tripura Medical College & Dr. BRAM** 

**Teaching Hospital, Hapania** 

Year of Establishment : 2007

Name of the Principal : **Prof. Chinmoy Biswas** 

Total No. of Teaching Faculty : 193
Total no of Non-Teaching Staff : 568

#### **Students Enrolment: Semester-I (2015-2016)**

	O • • • • •	•	0			(- '	,	0 = 0)							
ſ	М	F	Total	G	en	OE	3C		С	S	T.	,	Out of	Mino	ritv
		•	Total		011	0.2		Ŭ		Ŭ		То	tal)		
ſ	48	52	100	М	F	М	F	M	F	М	F	М	F	М	F
	40	32	100	31	38	03	-	12	06	02	08	-	-	-	-

# **Student Enrolment : Semester-III (2015-2016)**

N	Λ	F	Total	G	en	Ol	ВС		С	S		,	Out of otal)	Mino	rity
6	1	50	111	М	F	М	F	М	F	М	F	М	F	М	F
0	'	30	111	42	33	-	03	17	11	02	03	-	01	-	-

#### **Student Enrolment : Semester-V (2015-2016)**

М	F	Total	G	en	O	вс	S	C	S	т	,	Out of tal)	Mino	rity
42	52	94	М	F	М	F	М	F	М	F	М	F	М	F
72	32	34	31	36	-	03	08	10	03	03	-	-	-	-

Name of the College : Women's Polytechnic, Hapania

Year of Establishment : 2007

Name of the Principal : Sri Dipaklal Roy

Total No. of Teaching Faculty : 24
Total no of Non-Teaching Staff : 09

# **Students Enrolment: Semester-I (2015-2016)**

М	F	Total	G	en	Ol	3C		SC .		ST	,	Out of tal)	Mino	rity
_	122	122	М	F	М	F	М	F	М	F	M	F	М	F
_	122	122	-	46	-	16	-	25	-	35	-	-	-	-

#### **Student Enrolment : Semester-III (2015-2016)**

М	F	Total	G	en	OI	вс		С	S	ST.	PH (0 To	Out of tal)	Mino	rity
	57	57	М	F	М	F	M	F	M	F	M	F	М	F
_	37	31	-	30	-	10	-	12	-	05	-	-	-	-

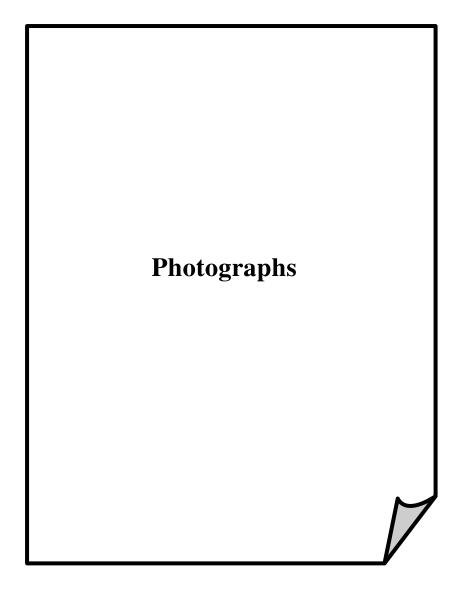
# **Student Enrolment: Semester-V (2015-2016)**

М	F	Total	G	en	OI	ВС		C	S	ЭТ	,	Out of tal)	Mino	rity
	97	97	М	F	М	F	М	F	М	F	M	F	М	F
_	07	0/	-	51	-	10	-	17	-	09	-	-	-	-

This Annual Report has been prepared under the supervision of the following committee

# **Members of Annual Report Committee 2015-16**

Prof. Satyadeo Poddar	Dean of Arts & Commerce	Chairman
Prof. Ashes Gupta	Department of English	Member
Prof. Rabindra Kr. Sinha	Department of Botany	Member
Prof. Aditya Kr. Mohanty	Department of Philosophy	Member
Prof. Ranendu Kumar Nath	Department of Chemistry	Member
Dr. Subir Kr. Sen	Department of Commerce	Member
Dr. Partha Sarathi Gupta	Department of English	Member
Dr. Niranjan Uppoor	Department of Linguistics & Tribal Languages	Member
Dr. Salim Shah	Department of Economics	Member
Sri Muneendra Mishra	Hindi Officer	Member
Sri Uttam Kumar Das	Finance officer (i/c)	Member
Sri Monmohan Reang	Joint Registrar	Member
Sri Jayanta Datta	Statistical Officer	Convener



Annual Report 2015-16		



Dignitaries in the celebration of International Day of Yoga



A moment of the celebration of International Day of Yoga



Inauguration of State Biotech Hub by Dr. Harsh Vardhan, Hon'ble Union Minister of Science & Technology and Earth Sciences, Govt. of India



Students in the Departmental Library of the Department of Business Management, Tripura University



Workshop on Digital India



Lecture on 'Life and Works of Dr. B. R. Ambedkar' organised by Department of Political Science, Tripura University



Workshop for Students to Volunteer for Constructive Works





**Observance of Vigilance Awareness Week in Tripura University** 



**General Body Meeting of Tripura University Alumni Association** 



Inauguration of Academic Building - XI by Shri Ram Sankar Kathreia, Former Hon'ble Minister of State for HRD, Govt. of India



'Phoenics-2016' - workshop organised by the Department of Electrical Engineering, Tripura University



Closing-day Ceremony of Hindi Fortnight in Tripura University



Hindi Workshop organised by Hindi Cell, Tripura University



Celebration of Swami Vivekananda's Birth Day



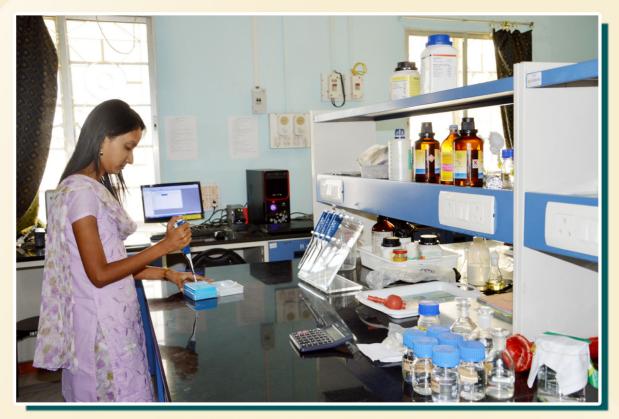
Refresher Course in Experimental Physics organised by the Department of Physics, Tripura University



Signing of MoU between Tripura University and Rubber Research Institute



Signing of MoU between Tripura University and Biostadt India Ltd.



Inside the Laboratory of State Biotech Hub



Hands on Microbiological Training in the Department of Microbiology



Inauguration of East-Zone & All India Inter University Volleyball Competition by Shri Sahid Choudhury, Hon'ble Minister, Youth Affairs & Sports and Minority, Govt. of Tripura



Shri Sahid Choudhury on Volleyball Court





Glimpses of East-Zone & All India Inter University Volleyball Competition held in Tripura University



Swachh Bharat Abhiyan in Tripura University Campus



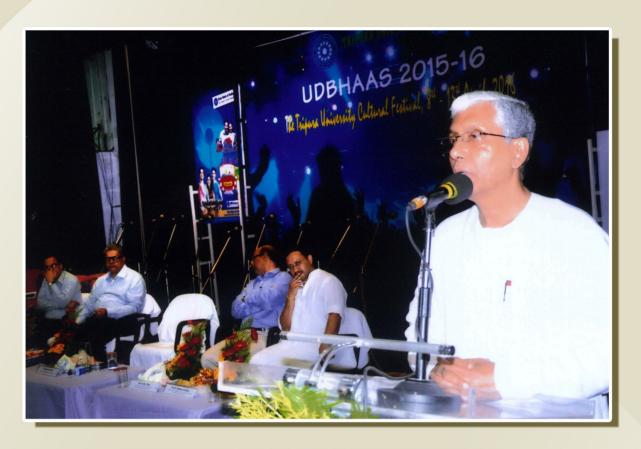
7th Annual Art Exhibition organised by the Department of Fine Arts, Tripura University



View of the Academic Building - XI, Tripura University



View of the Football Playground, Tripura University

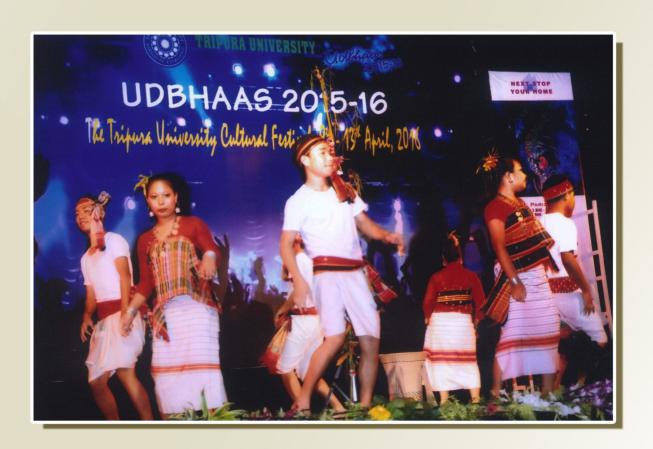


Sri Manik Sarkar, Hon'ble Chief Minister of Tripura in the Opening-day Ceremony of 'Udbhaas 2015-16'



Sri Tathagata Roy, Hon'ble Governor of Tripura in the Closing-day Ceremony of 'Udbhaas 2015-16'







# ANNUAL REPORT 2015-16

Detailed Data on all the Departments & Centres





# TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar, Pin-799022, Tripura

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#### DEPARTMENT OF BENGALI

Head of the Department : Prof. Satyadeo Poddar (Dean), Dept. Coordinator: Dr. Nirmal Das

Year of Establishment : 1977

Programmes on offer : **IMD, PG, PhD** 

Intake capacity : 90 (PG) + 15 (from IMD)

#### Major Achievements/ Vision of the Department:

Department likes to open the Folklore Study Centre and Tagore Research Centre. Department Also like to start an Yearly Departmental Journal. Department likes to invite eminent personalities from Bangladesh and abroad for delivering Class lectures and other important lectures on various topics.

1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/Ph.D/ NET,SLETetc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr Maitreyi Datta	MA.,B Ed, Ph.D	Professor	Rabindra Literature, Novel, Short Stories, Indian Literature, Research Methodology	Rabindra Literature & Fiction	36 years	03
Dr Nirmal Das	MA, M.Phil, B Ed,Ph.D	Asstistant Professor	Folklore, North East Literature, Essays of Nineteenth & twentieth century, Research Methodology	Folklore & Bengali Literature of North East	7.5 years	04
Dr Rintu Das	MA, MPhil, Ph.D	Assistant Professor	Rabindra Literature, Literary theory, Research Methodology	Modern Bengali Literature	6.5 years	03
Dr Paramasree Dasgupta	MA, Ph.D	Assistant Professor	Pre- modern Bengali Literature, Menuscriptology, Lingustics	Pre modern Bengali Literature & women studies	6.5 years	05
Sayak Mukharjee	MA	Assistant Professor	Modern Bengali Literature, Folklore, Research Methodology	Modern Bengali Literature, Folklore	5.5 years	NIL
Dr Padmakumari Chakma	MA, Ph.D	Assistant Professor	Novel & Short stories, Research Methodology	Tribal Studies & Fiction	4.5 years	NIL

#### 2. Guest Teachers/Contract Teachers:

Name	Qualification	Courses Taught	Research	No. of years of teaching	No. of years of
	(PG/MPhil/Ph.D/ NET,SLET etc)	in 2015-16	area/interest	experience	research experience
Dr Rajib Ghosh	MA, PhD	IMD	Bengali Fiction	Teaching in colleges & TU DistanceEducation since 2011	09 years
Arupa Chakraborty	MA, NET, SLET,	IMD	Middle age of Bengali Literature	Teaching in colleges & TU DistanceEducation since 2012	06 years.

3. Visiting Teacher/ Visiting Fellow:

	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Prof Arun Kumar Ghosh	Linguistics	University of Burdwan, West Bengal.

- 4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only: NIL
- 5. Details of publications not reported in category 4:

#### 5.1. Books:

All Authors in sequence	Title	Publishers	Year (2015-16)	ISBN
Dr Nirmal Das	Shatabdir Tripura	Akshar Publications, Agartala,	January, 2016	81-86802-89-4
	(Jointly Edited)	Tripura		
	Biswasera Rupkatha	Tulsi Publishing House, Agartala, Tripura West	2016	978-93-85713-04-0
	Tripurar Valo Laga	Akshar Publications, Agartala,	2016	978-93-84079-34-5
	Lokakatha	Tripura		
	Bibarna Somoyer	Tripura Bani Prakashani	May, 2016	978-81-88997-85-5
	Kathamala (Short	Dutta Super Market		
	stories)	Agartala, Tripura,799001		
Dr Rintu Das	Manane Srijane	Parijat Prakashani, Dhaka,	February, 2016	978-984-507-242-9
	Rabindranath O	Bangladesh		
	Dwijendralal			
	Ashok Bijoy Raha O	Ashrut, Agartala	February, 2016	2454-7859
	Tar Kabya Bhabna			

5.2. Book Chapters:

All	Title of the	Book	Name of the	Publishers	Year	ISBN	Page
Authors	Chapter	Editors	Book		(2015-16)		No.
Dr	Kalyanbrata	Mrinal	Ashrut	Ashrut (3 <sup>rd</sup> Year,	February 2016)	2454-	Pages.
Nirmal	Chakrabortir	Debnath	(Journal)	1 <sup>st</sup> Issue)		7859	99-
Das	Galpapat (Article)						111.
	Introduction	Raghunath	Swadhinata	Tripura Bani	February, 2016	978-81-	05-08
		Sarkar	Sangrame Nari	Prakashani,		930981-	
				Dutta Super		0-3	
				Market, Agartala,			
				Tripura,799001			
	Padmaparer	Jiban	Padmanadir	Naya Pustak	Dec, 2015	978-81-	72-76
	Britwanta	Krishna	Majhi: Ekti	Mahal, Agartala		930-980-	
		Patra	Mylyan			59	

5.3. Papers in peer reviewed journals published in India:

All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page No.
		Journal/		(2015-16)		
		Magazine				
Dr Nirmal	Bash O Sanskriti	Lokashruti	-	Jan,2016	2322-0961	80-89
Das	(Article)	Patrika: 47				
Dr Rintu Das	Rabindra nath O Dwijendralaler	Balarka	-	April, 2016	2349-6113	7-27
	Kabyabhanar Baiparitya					
	Ashok Bijoy Raha O Tar Kabya	Ashrut	-	Feb, 2016	2454-7859	119-125
	Bhabna					
Dr	Nari O Santras : Prekshit BPrag	Sahitya Parisad	-	Sept, 2015	2395-1532	93-105
Paramasree	adhunik Bangkla sahitya	Partika				
Dasgupta						
	Baishanb Jibani sahitye Jhanaba:	Nillohit	=.	Dec, 2015	2394-6741	9-30
	NarirItihase Ek Alok Bartika					
Dr	Swatantra sanskritir Aloke	Balarka	-	April, 2016`	2349-6113	36-52
Padmakumari	Sudhansu Bikas sahar Gomati					
Chakma						

6. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr Nirmal Das	Netaji Subhas Mahavidyalaya, Udaipur, Gomati, Tripura	18 <sup>th</sup> March, 2016	Netaji Subhas Mahavidyalaya, Udaipur, Gomati,Tripura Rashtriya Sanskrita Sansthan	Speaker on 'Adwaita Mallabarman : Jiban Samaj Bhabna O Sanskriti'
	Rashtriya Sanskrita Sansthan, Under Ministry of HRD, Govt of India, Ekalavya Campus, Agartala, Tripura Skill Development: An Initiative towards make in India'.	19 <sup>th</sup> to 20 <sup>th</sup> March, 2016	Under Ministry of HRD, Govt of India, Ekalavya Campus, Agartala, Tripura	Skill Development: An Initiative towards make in India'.
Dr Nirmal Das	Kamalpur Govt College, Dhalai, Kamalpur, Tripura	5 <sup>th</sup> & 6 <sup>th</sup> April, 2016	Skill Development: An Initiative towards make in India'. Resource Person for an Academic Session on 6 <sup>th</sup> April, 2016	Resource Person for an Academic Session on 6 <sup>th</sup> April, 2016
Dr Paramasree Dasgupta	Unish Satakiya Swadesh Chetanar Prkshite Dwijendralal Royer Natya Vabna	11-12 Aug, 2015	Srirampur Girls College , WB	Deijendralal Royer Swadesh Bhabna O Nari Charitra Nirman

7. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Manika Das	PrativaBasu: Jiban O Sahitya	Prof Maitreyi Datta	Awarded on September, 2015
Rajib Ghosh	Bangla Choto Galper Bibartaner Itihase Bingsa Shatabdir Dwitiyardher Bishista Choto Galpo Shilpi Bimal Karer Choto Galper Bisay Upadan O Prakaran Riti Samparkita Ekti Sahitya Twattik Samikshan	Prof Maitreyi Datta	Awarded on September, 2015
Swapan Sharma	Bangla Laghu Rasatmak Choto Galpe Pramathanath Bishir Kritittwa : Samajik Darshan O Galper Shilpa Ritir Ekti Bislesanatmak Protibedan	Prof Maitreyi Datta	Awarded on September, 2015
Mousumi Dhar	Upendra Kishor Roy Chowdhuryir (1863-1915), Sukumar Roy (1887-1923), ebong Lila Majumdar (1908- 2007): Bangla Shishu – kishor sahityer Tin Mukkhya Srastar Rachanabastur Tulanamulak Mulyan O Samiksha	Prof Maitreyi Datta	Awarded on September, 2015
Prasanta Das	Rabindranather Katha Sahitye Bichitra Peshajibi O Upajibika	Prof Maitreyi Datta	Public Seminar completed: 28.07.2016
Amrita Saha	Prafulla Royer Upanyas: Samaj Samoy O Sangkot	Prof Maitreyi Datta	Public Seminar completed: 28.07.2016
Pritilata Sarkar	Samaresh Basur Choto Galpe Nimnabarga Bhabana		Registered
Padmakumari Chakma	Bangla Upannyase Adibasi Janajiban (1939-1984)	Dr Nirmal Das	Awarded on 23.9.2015)
Abhijit Chakraborty	Tripurar Bangla Kabita : Udbhabha O Kramabikasher Dharay Bishes Gurutta Saha Ektia Samoy Parba (1980- 2000) : Ekti Oitihasik Samiksha	Dr Nirmal Das	Awarded on November 2015
Shanku Maharaj Acharjee	Shatabarser Bangla Upannyase Banga Bahirbhuta Pata Bhumi Samparkita Ekti Niriksha : Akkhyangata Prayog Baichitra O Shilpagata Naipunnya	Dr Nirmal Das	Awarded on 30.12.2015)
Rupasree Debnath	Tripurar Raj Itihas O Puran Ashrita 'Sri Rajmala' namak Prachin Granthati Abalambane Ukta Granther Bhasa , Sahitya, Samaj, sanskriti Ebong RajnitiPravritir Ekti Punarmulyaner Basthunistha Prayes , Jar Bhitti Natun Adhunik Sahitya Samiksha mulak Bishleshanatmak Riti	Dr Nirmal Das	Awarded on 30.12.2015)
Arupa Chakraborty	Bangla Manasamangal Kabbya Dharar Bibartan O Pracharer Khetre Rhari, Purbabangiya O Kamrupi	Dr Nirmal Das	Submitted the thesis paper

	Manasamangaler Kabyarupagata Paribeshanagata,BhasagataTulanar Upadan Sankalan O Bishleshan		
Sandip Deb	Tripur O Barak Anchaler Mudrita Bibhinnya Mudrita Bivinnya Granthe O Lokamukhe Prachalita Loukik Dharar Sankalan Ebong Sisto Sahitye Er Prayog O Bishleshandharmi Samiksha	Dr Nirmal Das	Submitted the thesis paper on April, 2016
Rajiv Chandra Paul	Puthi Path O Puthi Bichar: Madhya Juger Bangla Anubad-Anusari Ramayana Pala Kabyer Dharay Bhabani Nath (Das) Birachito 'Sri Ramchandraer Abhishek' Shirshok Swa-Sangrihita Puthi Theke Grantha Sampadana O Kavya Samiksha	Dr Nirmal Das	Public Seminar: 28.07.2016
Shankari Das	Tripuray O Barak Upattyakaya Bangla Natak O Natya Andolaner Kramabikasher Dhara : Ekti Oitihasik Samiksha (1947-2010)	Dr Nirmal Das	Public Seminar on 28.6.2016
Mistu Roy	Shibram Chakrabortir Choto Galpo : Jibaner Shilparup	Dr Rintu Das	Registered, 2015
Hamida Khatun	Bangla Musalmani Sahitye Romaantic Prem Upakhyaner Dharaa : Anusandhan O Paryalochana	Dr Paramasree dasgupta	Registered, 2015
Soma Datta	Swadhinata Parabarti Banga Jibane sangkat O Bipannata: Atin Bandopadhaer Sahitya Bhuban	Dr Paramasree Dasgupta (Co Suopervisor)	Registered, 2014

#### 8. Outreach Footprint of the Department:

8. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of Participants
No.				
01	14 <sup>th</sup> August, 2015	1 Day	Prak- Janma Shatabarse Sahityik	50
			Narendranath Mitra	
02	3 <sup>rd</sup> &4 <sup>th</sup> March, 2016	2 Days	International Seminar on Adwaitta	50
			Mallabarman	
03	9 <sup>th</sup> May 2016	1 Day	Rabindra Janma Joyanti	-

- 9. Major thrust area of research:
  - 1. Tagore Literature
  - 2. Mediaeval Literature
  - 3. Modern Fiction
  - 4. Folklore
  - 5. Women Studies
  - 6. Literature of North East India
- 10. New initiatives/Innovations:
  - 1. Folklore Studies Centre
  - 2. Tagore research Centre
  - 3. Colaboration with more Industries & Organizations
  - 4. E -Learning for Bengali

11. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

e e e e e e e e e e e e e e e e e e e	Total		- F	Gen		OBC		SC		ST		PH (C		Minor	rity
Name of Examinations	1000			John		OBC						Total)		IVIIIO	
N <sub>E</sub> Exan	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	-	3	3	-	2	-	-	-	-	-	1	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

12. Details of Student's Placement known to the Department:

Name	Sex	Category	Name of the	Designation	Examination Body	Name of the
	M/F	(GEN/	Organization/ Dept.			Examination
		ST/SC/				
		OBC/MIN)				
		[give				
		asterisk *				
		for PwD]				
Balaram Roy	M	Gen	BRP	Supervisor	Recruited by Govt	-
•				1	of Tripura	
Sujan Das	M	SC	SVMahavidyala	Guest Teacher	A Board of	-
J					Examiners	
Puja Chakraborty	F	UR	Pranavananda	Teacher	A Board of	-
•			Vidyamandir		Examiners	
Biswajit debnath	M	OBC	Netaji Subhas	Guest Teacher	A Board of	-
v			College		Examiners	
Rajiv Paul	M	OBC	Kamalpur Govt	Guest Teacher	A Board of	-
·			Degree College		Examiners	
Pampa Das	F	SC	Kamalpur Govt	Guest Teacher	A Board of	-
-			Degree College		Examiners	
Khodeja Aktar	F	UB	Rabindranath Govt	Guest Teacher	A Board of	-
•			Degree College		Examiners	
Rajesh	M	UR	BBM College	Guest Teacher	A Board of	-
Bhattacharjee					Examiners	
Sandip Deb	M	UR	Khumulung Govt	Guest Teacher	A Board of	-
•			Degree College		Examiners	
Prasenjit Das	M	SC	BBM College	Guest Teacher	A Board of	-
·					Examiners	
Susmita Sarkar	F	SC	Gandachara Govt	Guest Teacher	A Board of	-
			Degree College		Examiners	
Ruma Paul	F	UR	Bhaban's Tripura	Asst Professor	A Board of	-
			Degree College		Examiners	

#### DEPARTMENT OF BUSINESS MANAGEMENT

Head of the Department : Prof. Prahlad Debnath, Prof. Ashish Nath (from 10/05/2016)

Year of Establishment : 2005

Programmes on offer : MASTER IN BUSINESS ADMINISTRATION

Intake capacity : 60

#### Major Achievements/ Vision of the Department:

To produce capable leaders for tomorrow and propagate research through developing intellectual research pool within the school. The Department of Business Management imparts corporate ready curricula forging a strong bond with industry, further the school aspires to achieve highest level of scholarship through sponsored projects and produce significance research contributions in both domain and inter disciplinary areas. The students are being constantly fostered to emerge as the trail blazers for the school as well as the industry.

The faculty members of the department are deeply involved in various sponsored projects and their publications in different reputed journals are highly appreciated around the country and the world.

#### 1. Fulltime Faculty Members

Name	Qualification (PG/M.Phil/P h.D/NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Debarshi Mukherjee	MBA. PhD.	Associate Professor	-	Blended Learning Models, Social Media tools and agile technologies	16years	5
Dr. Nirmalya Debnath	MBA, NET	Assistant Professor	Business Statistics, Rural Marketing, Strategic Marketing Management	Mobile Banking adoption behavior of consumers	7.5 years	NIL
Mr. Manish Das	MMM, NET	Assistant Professor	Operations Management and Quantitative Techniques, Strategic Management, Marketing Management, Organizational Behaviour	Acculturation, Ethnic Identity, Ethnocentrism, Materialism, Consumption Habits and Behaviour.	5 years	NIL
Ms. Anjana Kalai	MBA, NET	Assistant Professor	Organizational behaviour, sales management, consumer behaviour, advertising and sales promotion	Purchase behaviour of tribal people	7 years	NIL
Dr. Mahasweta Das Saha	B.E.(Mech), MBA	Assistant Professor	Marketing Management, Consumer Behaviour, Advertising and Brand Management, Operations Management, Research Methodology, Management by Values	Impact of Socialization agents on consumer decision making	9 years 4 months	NIL

# 2. Guest Teachers/Contract Teachers:

Name	Qualification		Research	No. of years	No. of years of
	(PG/ MPhil/	Courses Taught in 2015-16	area/	of teaching	research
	Ph.D/		interest	experience	experience
	NET, SLET etc)				
Dr. Tamal	PGDM (AIMA),	Principles and Practice of	Consumer	11 years 6	4 years
Chaudhuri	LLB, MIMA,	Management, Brand Management,	preference	months	
	MA(PG&IR),	Labour Laws, Business	for		
	M.Phil	Environment, International	Renewal		
	(Management),	Marketing	Energy		
	MMM		Schemes in		
			Tripura		
Mr. Purushottam	B.Com(H),	Human Resource Managemnt-1 and	Job	11 years 11	NIL
Bhowmik	M.Com, SET	2, Human Resource Planning- 1 and	satisfaction	months	
	(Commerce),	2, Human Resource Development-1	and		
	PGDHRM	and 2	motivationa		
			1 models		
Ms. Monalisa Chanda	MBA (Specialization in Finance and Entrepreneurship Development)	Organizational Behaviour-1, Financial Management-1 and 2, Financial statement analysis-1 and 2, Financial Market and Services, Cost and Management Accounting, International Business Finance, Insurance Management.	Investment Behaviour of SMEs	2 years	NIL
Ms. Poulami Shil	MBA (Specialization in Human Resource Management and Entrepreneurship Development)	Industrial Relation, Human Resource Planning, Wages and Salary Administration, Entrepreneurship Development, International Human Resource Management, Small Business and Entrepreneurship Development, Small Business Fundamentals, Entrepreneurship Development in India with special reference to North East States, Organizational Behaviors	Tribal livelihood, Tribal Culture	3 years	NIL

3. Visiting Teacher/ Visiting Fellow:

3. Visiting Federici, Visiting Fed	10 11 .	
Name	Topics of courses/lectures taught in	Institution affiliated with now/previously
	Tripura University	(if retired)
Prof. Ananda Mohan Pal	Management Accounting-II	Dept. of Business Management, Calcutta
		University
Prof. Chitta Ranjan Sarkar	Corporate Taxation and Tax Planning	Dept. of Commerce, University of
		Burdwan

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

4.1. Book Chapters:

All Authors	Title of the Chapter	Book	Name of the	Publishers	Year	ISBN	Page
		Editors	Book		(2015-16)		No.
Nidhi, N.,	Use of social media as a	Thakur R,	Social Media &	Bloomsbury	2016	987-93-	92-
Mukherjee, D.,	communication tool in	Srivastava	Organizational			85936-	95
Luthra R.	virtual teams for software	S, Bhatia S,	Sustainability			04-3	
	development project: A	Sharma J	-				
	paradigm shift,						
	International Conference						
	on The Role of Social						
	Media for Organizational						
	Sustainability						

4.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015- 16)	ISSN/DOI	Page No.
Dr. Abhishek Kumar, Dr. Biswajit Das and Mr. Nirmalya Debnath	Value–Based Sustainable Development Through Cultural Rejuvenation, Human Development and Economic Growth	The Indian Economic Journal	Special Issue	2015	0019-4662	71-75
Mr. Manish Das	Reflection of Attention to the Social Comparison Information (ATSCI) Consumption Habits one Facebook (FB) Status Updates: An empirical investigation into rural India.	International Journal of Marketing and Business Communication	4 (3)	2015	2277-484X	1-8
Badri, S., Mukherjee, D.	Characteristics of Agile Teams  – A Theoretical Discussion on Technology and Culture	IMS Manthan - The Journal of Innovations	Vol. X.1	2015	0976-1713	75-82
Mr. Tamal Chaudhuri	Contribution of Renewal Energy Program for Development of Human Resource in Rural Tripura	Development Dynamics	Vol-II	2015	2347-6524	104- 116

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Mr. Nirmalya Debnath	National Seminar on Inclusive Growth through Financial Inclusion- A Paradigm Shift	5/10/15 to 06/10/15	School of Studies of in Economics, Vikram University, Ujjain & The Indian Economic Association	Consumer Need Based Model "VICS": A New Approach to Financial Inclusion
	9th National Management Convention (NMC'16) 'Sustainable Agribusiness in India' National Seminar on "Current Trends of Development in Communication, Innovation &Creativity in India"	19/02/16 to 20/02/16 27/02/16 to 28/02/16	KIIT School of Management, KIIT University, Bhubaneswar Holycross College Agartala, Tripura	Sustainable and Eco-Friendly Environment: Role of Agri-Based Material in Packaging  Factors Affecting Mobile Banking Adoption in Agartala
Mr. Manish Das	CERE 2016	05/05/2016 to 08/05/2016	IIM INDORE	Acculturation to the Global Consumer Culture (AGCC), Consumer Ethnocentrism (CET) and food consumption habits: An investigation of rural Indian consumers with special focus to Tripura.
Nidhi, N., Mukherjee, D.	International Conference on Advances in Management and Technology in a Global World (ICAMT-15)	December 18-20, 2015	Jay Pee University in association with the College of IS&T, University of Nebraska, Omaha	Redefining Virtual Team Collaboration through Social Media: An Empirical Study

6. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Keynote address at the National	Greater Noida	27th	RBMI Business	Digital Darwinism
Conference titled Emerging Trends in		February	School, Greater	
Business and Management		2016	Noida	
An invited talk at titled India 2030: Issues	Varanasi	15th	Indian Institute	India 2030: Economic issues
and Opportunities on during Kashiyatra:		February	of Technology	and Opportunities
Business Talk Series		2016	BHU	

# 7. Outreach Footprint of the Department:

7.A. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Mr. Nirmalya Debnath	Indian Economic Association	Life Member
Mr. Manish Das	Economics Science Society of Tripura, Hepatitis Foundation of Tripura	Life Member
Mr. Tamal Chaudhuri	Economics Science Society of Tripura	Life Member

8. On-going Research Projects in 2015-16:

	Research Project	s in 2015-16:				
Principal Investigator	Co- Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year (Rs. in Lakhs)	Tenure
Manish Das	-	ICSSR	Consumer Demographics, Consumption Habits, Acculturation to Global Consumer Culture (AGCC) and Consumer Ethnocentrism: A rural India Perspective with special reference to Tripura.	7	2.8	2 years
Dr. Rajesh Chatterjee	Dr. Debarshi Mukherjee	DEAR, NABARD	Assessment of Impact of Rural Infrastructure and Services vis-a-vis Regional Disparities impairing Socio- Economic Growth: An Analytical Study over Tripura	11.23	-	6 months
Dr. Rajesh Chatterjee	Dr. Debarshi Mukherjee	ICSSR, MHRD	Assessment of Influencing Factors Distressing Rural Micro Entrepreneurship Growth of Tripura	3	-	2 years
Dr. Rajesh Chatterjee	Dr. Debarshi Mukherjee	ONGC Tripura	Entrepreneurship & NGO Management: An ONGC CSR Project	2.95	-	2 years
Dr. Debarshi Mukherjee	-	National Institute of Technology, Arunachal Pradesh	Content uploading and creating for Online MBA programme	1.5	0.75	2 years

9. Awards/Medals/Honours received by the Teachers during the academic year 2015-16:

7. Hwards/Wedais/Honours received by the reachers during the academic year 2015 10.								
Name of Teacher	Name of Awards/Medals/Honours	Date of	Awarding	Remarks				
		Awards/Medals/Honours	Agency/Institution					
Mr. Manish Das	Third best paper in CERE 2016	8.5.2016	IIM Indore	Cash prize of				
	international conference			Rs 10 000				

10. Details of Student's Placement known to the Department:

Name	Sex M/F	Category (GEN/ ST/SC/ OBC/MIN) [give asterisk * for PwD]	Name of the Organization /Dept.	Designation	Examination Body	Name of the Examination
Md. Azahar Uddin	M	MIN	HDFC	Management Trainee	HDFC	Online Test conducted by HDFC
Mr. AmritSukla Baidya	M	GEN	HDFC	Management Trainee	HDFC	Online Test conducted by HDFC
Mr. Biswajit Chakraborty	M	GEN	HDFC	Management Trainee	HDFC	Online Test conducted by HDFC
Ms. SonuThapa	F	GEN	HDFC	Sales Executive	HDFC	Personal Interview
Mr. Arijit Choudhury	M	GEN	HDFC	Sales Executive	HDFC	Personal Interview
Mr. Subhadip Acharjee	M	GEN	HDFC	Sales Executive	HDFC	Personal Interview
Mr. Krishnendu Roy	M	GEN	HDFC	Sales Executive	HDFC	Personal Interview
Mr. Gourab Kar	M	GEN	HDFC	Sales Executive	HDFC	Personal Interview

#### DEPARTMENT OF COMMERCE

Head of the Department : Prof. Pralay Kumar Haldar, Prof. Prallad Debnath, from 01/01/2016

Year of Establishment : 1988

Programmes on offer : M. Com. (Accounting), M. Com. (Finance), Ph D, Post Graduate Diploma in

**Finance & Taxation (PGDFT)** 

Intake capacity : M. Com.-75

#### Major Achievements/ Vision of the Department:

The objective of the department is to equip our students with analytical tools required for Commerce education in today's highly competitive global world and to nurture the students with strong subjective knowledge, importing confidence and skills to meet the demanding needs of present competitive business scenario and pursuing higher studies along with entrepreneurial skills, self employment and general education in business and commerce. The department is also committed to train up the students for specialization, professionalism, creativity and innovation in business activities. Further to develop academic excellence along with over all holistic development. Finally, the department is focused on the co-curricular aspects and all round development of the students' personality and leadership in the business organizations as well as to develop skills in teaching and research activities in commerce to cope up with the latest development nationally and internationally. The Department of Commerce has many achievements to its credit. Design and implementation of the Post Graduate Diploma in Finance and Taxation (PGDFT). The course has become one of the most sought after courses at the undergraduate level. The department continuous to involve with its thorough teaching and evaluation. Total no. of PhD awarded in 2010-2015 is 6 and PhD registered in 2010-2016 is 16.A good no. of publications in national and international journals. Teachers involvement in outside the university are Editorial Boards, selection Committees, BPGS, School Boards, Syllabus framing, ICSSR mid-term approval Committee, impact assessment Committee of IGNCA, New Delhi, Coordinator UGC NET, UGC observer in NET, Coordinator NE SLET. Faculties engaged in regularly delivering lectures in UGC HRD Kolkata, SIPARD, ICFAI, Tripura Rubber Board, IGNOU, and State Resource Center. One UGC funded minor research project to its credit. The department also engaged in conducting Seminars, conferences, workshops organized by the department with the collaborating agencies, such as ICAI, SEBI, NSE, Madras School of Economics, and British Council of Tripura. A very good no of NET and SLET qualified students to its credit. A strong alumni base, eresources and larger participations of departmental senior faculty members in university management. Moreover, the students of the department through Commerce Forum are engaged in activities, such as, running Departmental Library, Wall Magazine and Awareness Programmes like Financial Literacy Programmes, Tax Literacy Programmes, and use of Accounting to the small entrepreneurs and sports and cultural activity. Special events are also organized by the department on the topics Research Design in Social Sciences, Managing Human Stress in Workplace, Business Ethics and Corporate Governance, Qualitative Data Measurement and Companies Act 2013: A Move towards better Corporate Governance. Finally, the Department blends class lectures and innovative researches in such a way that benefit the students well aware to the extent of practicality.

#### 1. Fulltime Faculty Members

Name	Qualification (PG/ MPhil/ Ph.D/NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Pralay Kanti Haldar	M. Com., PhD	Professor	Organizational Behaviour, Accounting Theory, New Venture Creation, Guidance of dissertations	Accounting, Management	28 (26 years teaching & 2 years banking)	8
Dr. Prallad Debnath	M. Com., PhD	Professor	Principles of Management, Entrepreneurship Dynamics, Guidance of dissertations	Accounting, Management	26	6
Dr. Chinmoy Roy	M. Com., NET, PhD	Associate Professor	Corporate Accounting, Managerial Accounting, Guidance of dissertations	Accounting, Management	22 (14 years teaching & 8 years administrative)	4
Dr. Subir Kumar Sen	M. Sc. in Economics, PhD	Assistant Professor	Business Statistics, Statistics using Excel, Managerial Economics, E-Commerce, Guidance of dissertations	Economics & Finance	12	2

Mr. Joy Das	M. Com.	Assistant	Marketing	Finance	8.5 (6.5 years	-
	(Finance),	Professor	Management,		teaching & 2	
	NET		Corporate Accounting,		years banking)	
			Advanced Auditing,			
			Business Taxation,			
			Guidance of			
			dissertations			
Mr. Rajat Deb	M. Com.	Assistant	Human Resource	Accounting	10 (8.5 years	-
	(Accounting),	Professor	Management, Strategic	&Finance	teaching & 1.5	
	MBA		Financial Management,		years	
	(Finance),		International		accounting &	
	NET		Accounting,		auditing)	
			Managerial			
			Accounting, Business			
			Taxation, Guidance of			
			dissertations, Concept			
			of Business			
			(in B. Voc.)			

2. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Prof. Debdas Rakshit	E-Commerce	Professor, Department of Commerce, Burdwan University
Prof. Ananda Mohan Pal	Strategic Financial Management	Professor, Department of Management, University of Calcutta

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

3.1. Book Chapters:

All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year (2015-16)	ISBN	Page No.
Prof. Pralay Kanti Haldar	1. Study of the Role of CSR in Leveraging Commercial Banks' Business in Bangladesh	Sharma and Kanojia	New Horizons for Leveraging Business	Anmol Publications Pvt. Ltd.	2016	978-81- 261-6498- 1	102- 122
	2. Some Astray Thoughts on Ramification of The Companies Act 2013	University of Calcutta	Recent Advances in Accounting, Finance and Management	UGC-Human Resource Development Centre and Department of Commerce, University of Calcutta	2015	978-81- 922481-9- 6	92- 103
	3. Environmental Narratives in Corporate Annual Report: A study of the Indian Pharmaceutical Industry	Majumder, Mishra & Saxena	Growth, Globalization & Governance Promises & Challenges	Emerald Group Publishing (India) Private Limited	2016	978-0- 9926800- 6-0	109- 121
	4. Analyzing the Rural Propensity of CSR Practices of Commercial Banks of Bangladesh	Majumder, Mishra & Saxena	Growth, Globalization & Governance Promises & Challenges	Emerald Group Publishing (India) Private Limited	2016	978-0- 9926800- 6-0	157- 166
	5. Issues of Finance, Entrepreneurship and Growth with Reference to Indian Financial System	Saha, Gandhi & Choudhary	Current Perspectives in Finance	Rohini Nandan	2016	978-81- 928721-6- 2	13-21

3. 2. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page
		Journal/		(2015-		No.
		Magazine		16)		
Prof. Pralay	Assessing Impact of Corporate Social	Journal of	X (02)	2015	1992-271X	57-66
Kanti Haldar	Responsibility on Bank Performance in	Business and				
	Bangladesh: A study on Some Selected	Technology				
	Banks	(Dhaka)				
	The Changing Facets of Corporate	Information	7 (3)	2015	2220-3796	6-16
	Governance and Corporate Social	Management				
	Responsibilities in India	and Business				
	And their Interrelationship	Review (IMBR)				

3. 3. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015- 16)	ISSN/ DOI	Page No.
Prof. Pralay Kanti Haldar	1. An Insight into the Performance of Fishermen Co-operative Societies in Tripura	International Journal of Advance Research and Innovative Ideas in Education	1 (5)	2015	(O) 2395- 4396	879- 889
	2. Assessing Impact of CSR in Business Leverage of Commercial Banks in Bangladesh	Amity Business Review	16 (2)	2015	0972- 2343	133- 141
Dr. Chinmoy Roy	Financial Management     Challenges of Public Sector     Enterprises in India: The Efficient     Facets of Cash Flow Components     Analysis	Journal of Accounting and Finance, RDA, Jaipur.	29 (2)	2015	0970- 9029	64- 76
	2. Measuring Result-Oriented Accountability of Public Sector Enterprises in India: Evidence from the Coal Based Industries	Journal of Institute of Public Enterprise, IPE Hyderabad	38 (3&4)	2015	0971- 1856	28- 44
	3. Effects of Differentiation on Small Group Financing: A Study of Training and Participation.	Vidyasagar University Journal of Commerce, Vidyasagar University.	21(1)	2016	0973- 5917	130- 141
	4. Financial Reporting Irregularities in Indian Public Sector Units: An Analysis of Current Practices.	South Asian Journal of Management	23(1)	2016	0971- 5428	139- 163
Dr. Subir Kumar Sen	1. Combined Ranking of Selected Public Sector Enterprise Transportation Equipment Companies: A Shannon-DEA Approach (as First Author with J. Das)	Time's Journey	4(1)	2015	2278- 6546	1-11
	2. A Study on Performance Evaluation of Public Sector Enterprise Steel Companies Using Shannon DEA Approach (as First Author with J. Das)	Vidyasagar University Journal of Commerce	21(1)	2016	0973- 5917	116- 131
Mr. Joy Das	Financial Inclusion in Tripura:     Role of Tripura Gramin Bank	International Journal of Applied Management Research – A Journal of Department of Management, NEHU, Tura Campus	2(2)	2015	2347- 2839	84- 95
	2. Combined Ranking of Selected Public Sector Enterprise Transportation Equipment Companies: A Shannon-DEA Approach (as second Author with Dr. S.K. Sen)	Time's Journey	4(1)	2015	2278- 6546	1-11

	3. A Study on Performance	Vidyasagar University	21(1)	2016	0973-	116-
	Evaluation of Public Sector	Journal of Commerce			5917	131
	Enterprise Steel Companies Using					
	Shannon DEA Approach (as second					
	Author with Dr. S.K. Sen)					
	1. Entrepreneurship through	Journal of Entrepreneurship	4 (3)	2015	2277-	40-
	Marigold Cultivation: Evidence from				6850	54
	Laxmibill area of Tripura					
	Agartala [with A. Uddin]					
	2. EPF or NPS as a Retirement	NMIMS Management	Vol.	August-	0971-	53-
	Solution: Evidence from Private	Review (Journal of Narsee	XXVIII,	Septem	1023	88
	Bank Employees of India	Monjee Institute of		ber,		
		Management Studies,		2015		
		Mumbai)				
	3. Determinants of Prepaid Mobile	International Journal of	4 (4)	October	2277-	13-
Mr. Rajat Deb	Service Providers: Evidence from	Marketing and Business		-	484X	31
	Agartala [with M. Naha]	Communication		Decemb		
				er, 2015		
	4. Perceptions of Bank Account	Amity Journal of	1(1)	January,	2455-	
	holders about PMJDY – A Study on	Finance(Journal of Amity		2016	9741	
	Baikhora Region of South Tripura	University, Noida, U. P.)				
	[with P. Das]					
	5. Self-Employment through	Amity Journal of	1(1)	January,	2455-	
	Beauty Parlour Business: Evidence	Entrepreneurship (Journal of		2016	9725	
	from Women Entrepreneurs' of	Amity University, Noida, U.				
	Agartala [with J. Dey]	P.)				

## 4. Details of publications not reported in category 3:

### 4. 1. Books:

All Authors in	Title	Publishers	Year	ISBN
sequence			(2015-16)	
Dr. Subir Kumar Sen	Monograph on Regional Disparity and	New Delhi	September, 2015.	978-93-
	Convergence: Evidence from State wise	Publishers, New		85503-34-
	Devolution of Rural Infrastructure	Delhi		4
	Development Fund in India			

4. 2. Book Chapters:

All	Title of the Chapter	Book	Name of the Book	Publishers	Year	ISBN	Page
Authors		Editors			(2015-		No.
					16)		
Dr. Subir	A Study on Ranking of	Salim Shah	Business and	Mitram,	2015	978-	88-
Kumar Sen	Performance of Public Sector	and Sanjeev	Management: Some	Kolkata		93-	102
	Enterprise Fertilizer Companies	K. Bansal	Emerging Issues			80036-	
	using Shannon DEA Approach					88-5	

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Mr. Rajat Deb	Special Winter School	26/10/2015- 15/11/2015	HRDC, NEHU	Challenges in Higher Education and Role of ICT
Dr. Subir Kumar Sen	Workshop on Statistical Data Analysis Methods	November 18- 24, 2015	Jointly organized by Interdisciplinary Statistical Research Unit (ISRU), Indian Statistical Institute (ISI) Kolkata and Department of Information Technology, Tripura University, Agartala	Participated
	Summer School on Research Methodology: Applications of Econometrics and Statistics	May 23-29, 2016	Department of Humanities and Social Sciences, NIT Durgapur in collaboration with The Indian Econometric Society	Participated

6. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

<ul><li>Invited Talks</li><li>Name</li></ul>	Place	Date Date	lty in any Colloquium/ Seminar/ Work Organization	Title of Invited talk
Prof. Pralay	Agartala	27-28	ICSSR NERC Sponsored National	Key Note Addressed
Kanti Haldar		Feb, 2016	Seminar at Holy Cross College	On Current Trends of Development
				in Communication, Innovation &
				Creativity in India
	Dharmanagar	25July,	One Day National Seminar at Govt.	Invited Lecture on Promotion of
		2015	Degree College Dharmanagar	Tourism Industry in North East
				India with reference to Tripura
	Calcutta	09Sept.,	Human Resource Development	Some Astray thoughts on
		2015	Centre (HRDC) University of	Ramification of Companies Act
			Calcutta	2013
	Jaipur	22-24 Jan,	4 <sup>th</sup> International Conference at J K	Invited panel Speaker
		2016	Lakshmipat University, Jaipur in	and Moderator in 2 <sup>nd</sup> panel
			collaboration with St. Cloud	discussion on Growth, Globalisation
			University (USA) and Szechenyi	& Governance : Promises and
	A 1 .	27.29	Istvan University (Hungary)	Challenges 2025 and beyond
	Agartala	27-28	ICSSR NERC Sponsored National	Invited panel Speaker
		Feb, 2016	Seminar at Holy Cross College	On Current Trends of Development in Communication, Innovation &
				Creativity in India
	Kolkata	11 Sept.,	One Day International Seminar	Delivered Presidential addressed in
	Kuikata	2015	organized by Shri Shikshayatan	plenary session 2 on Emerging
		2013	College in Collaboration with Dept.	Issues in Financial Markets
			of Commerce Calcutta University	issues in i manerar warkets
	Kolkata	10-11	Two Day UGC Sponsored National	Invited Speaker on Public Private
	Tromata	Dec, 2015	Seminar organized by Rabin	Partnership for Faster and Inclusive
		200, 2010	Mukharjee College Kolkata	Growth: Outlook Opportunities and
				Challenges
Dr. Subir	Agartala	13 Jan.,	MHRD-sponsored Seven Days'	Modern Trends and Strategies in the
Kumar Sen		2016	Workshop Programme organised	Arena of Educational Research
			by the I.A.S.E., Agartala	
Mr. Joy Das	1. A. D.	23 May,	Rural Development & Self	1. Legal Formalities in business;
	Nagar, Agartala	2016	Employment (RUDSET) Institute,	2. Lunching formalities
			Agartala	
Mr. Rajat Deb	2. A. D.	07 Feb.,	Rural Development & Self	Concepts of Book-Keeping,
	Nagar, Agartala	2016	Employment (RUDSET) Institute,	Accounting, Working Capital,
			Agartala	Break-Even Analysis, Pricing
	3. A. D.	03 Mar.,	RUDSET Institute	Accounting & Finance for
	Nagar, Agartala	2016		Entrepreneurs
	4. A. D.	17 Mar.,	RUDSET Institute	Accounting & Finance for
	Nagar, Agartala	2016	DAND GETTA	Entrepreneurs
	5. A. D.	25 Mar.,	RUDSET Institute	Accounting & Finance for
	Nagar, Agartala	2016		Entrepreneurs

7. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mr. Sujit Das	Fund Management in Cooperative Banks: A Study	Dr. Chinmoy	Theses Submitted
	on Group Oriented Approach	Roy	
Mr. Basudeb	Managing finance for Rural Poor: A Study on	Dr. Chinmoy	Theses Submitted
Bhattacharya	SHG-Bank Linkage Programme	Roy	
Mrs. Annesha Saha	Women Entrepreneurship in Rural Arena; A Study	Dr. Chinmoy	Theses Submitted
	on Group oriented Approach	Roy	
Mr. Anup Roy	A Comparative Financial and Operational	Prof. P. K.	Summary of result submitted and
	Performance Analysis of the Selected Public	Haldar	defended in the pre Ph. D public
	Sector Road Transport Corporations of India's		Seminar
	North- East		
Mrs. Bindu Pal	Role Of Judicial Machinery In Redressal Of	Prof. P. K.	Summary of result submitted and
	Consumer Grievances	Haldar	defended in the pre Ph. D public
			Seminar
Mr. S.M.	Assaying Corporate Social Responsibility	Prof. P. K.	Summary of result submitted
Mahbubur Rahman	Performance of Commercial Banks in Bangladesh	Haldar	Summary of Tesuit submitted

## 8. Outreach Footprint of the Department:

8. A. Membership in Professional/ Learned Societies:

Faculty/ Scholar	Name of Society	Grade of
Name		Membership
Prof. Pralay Kanti	Indian Commerce Association (ICA), Indian Accounting Association (IAA), All	Life Member
Haldar	India Management Association (AIMA), Economic Science Society of Tripura	
	(ESSOT), North East Commerce and Management Association (Advisor)	
Prof. Prallad Debnath	Indian Commerce Association (ICA), All India Management Association (AIMA)	Life Member
Dr. Chinmoy Roy	Indian Commerce Association (ICA), Indian Accounting Association (IAA), All	Life Member
	India Management Association (AIMA)	
Dr. Subir Kumar Sen	Operational Research Society of India(ORSI), Indian Commerce Association (ICA),	Life Member
	All India Management Association (AIMA), Indian Economic association (IEA)	
Mr. Joy Das	Indian Commerce Association (ICA) Indian Accounting Association (IAA), All	Life Member
	India Management Association (AIMA), Economic Science Society of Tripura	
	(ESSOT), Life Member of Indian Institute of Banking and Finance	
Mr. Rajat Deb	Indian Commerce Association (ICA), Indian Accounting Association (IAA), Indian	Life Member
	Accounting Association Research Foundation (IAARF), All India Management	
	Association (AIMA), Association of Indian Management Scholars (AIMS)	
	International, Economic Science Society of Tripura (ESSOT)	

8. B. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Mr. Rajat Deb	Special Winter	Human Resource Development Centre (HRDC),	21 days	26/10/2015 to
	School	North Eastern Hill University (NEHU), Shillong		15/11/2015

#### 9. New initiatives/Innovations:

- A. Departmental Library
- B. Departmental Wall Magazine

10. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

10. No of students c			rous puon		mation		7 Icaac		11 2013		III tile L				
us	Total			Gen		OBC		SC		ST		PH (C		Mino	rity
ne of												Total)	)		
Name of Examinations	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	2	1	3	2	-	-	-	-	-	-	1	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

11. Details of Student's Placement known to the Department:

Name	Sex	Category (GEN/ ST/SC/	Name of the	Designation	Examination	Name of the
	M/F	OBC/MIN) [give asterisk	Organization/ Dept.		Body	Examination
		* for PwD]				
Mr. Sourav	M	GEN	Tripura State	Account	Employer	Written &
Chakraborty			Cooperative Bank	Assistant		Personal Interview
Mr. Sujan	M	ST	Tripura State	Account	Employer	Written &
Debbarma			Cooperative Bank	Assistant		Personal Interview
Miss. Jhuma	F	Gen	BBM College	Guest	Employer	Personal Interview
Dey				Lecturer		

### DEPARTMENT OF ECONOMICS

Head of the Department : **Dr. Jahar Deb Barma** 

Year of Establishment : 1978

Programmes on offer : Ph. D/ PG/IMD Intake capacity : PG-26, IMD-15

Major Achievements/ Vision of the Department:

Vision- In depth academic exercise in the line of changing perspective both in terms of students and research.

### 1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/ Ph.D/NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Ashish Nath	Ph.D.	Professor	Macroeconomics	Industrial Economics, Regional Economics.	22 years	03
Dr. Paramita Saha	Ph.D, NET	Associate Professor	MA: Microeconomics I Microeconomics II Economics of NER PHD:Research Methodology, Advanced Microeconomics	Social Sector Issues, Gender.	28 years	03
Dr. Jahar Debbarma	Ph.D	Associate Professor	Indian Economy, Economics of North-East, Agricultural Economics	Agri. Eco, Rural Development, NE India	20 years	04
Dr. Indraneel Bhowmik	Ph.D	Associate Professor	Rural Development and Planning-I, Rural Development and Planning- II, Mathamatical Economics, Public Economics	Agri. Eco, Lab.Eco, NE India	14 years	05
Dr. Subrabaran Das	Ph.D., M.Phil., M.Sc.	Associate Professor	Public Finance, Quantitative Techniques	Industrial Organization, Social Sector, Finance	12 years	03
Dr. Salim Shah	M. Sc., Ph. D	Assistant Professor	Development Economics, Computer Applications in Economics, Microeconomics	Poverty, Health Economics	12 years	02
Dilip Kumar Rana	M.A.	Assistant Professor	Quantitative Technique in Economics, Computer Application in Economics and North East Economy	Growth, Poverty and Inequality	12 years	-

### 2. Guest Teachers/Contract Teachers:

Name	Qualification	Courses Taught in 2015-16	Research	No. of years	No. of years
	(PG/MPhil/Ph.D/		area/interest	of teaching	of research
	NET,SLETetc)			experience	experience
Sujit Kumar	SLET and NET	Microeconomics,	Human Capital	5 years	4 years
Saha		Macroeconomics, International			
		Trade			
Pradip Chouhan	PG, SLET, NET	Mathematical Economics, Public	Labour	2 years	4 years
		Finance, Economics of Rural	Economics and		
		Development and Planning	Development		
			Economics		

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

### 3.1. Books:

All Authors in	Title	Publishers	Year	ISBN
sequence			(2015-16)	
Bhowmik, Indraneel	Emerging Labour Relations in the	Centre for	2015	NRPPD Discussion
& PK Vishwanathan	Small Rubber Plantations of	Development Studies,		Paper No 47
	Tripura	Thiruvananthapuram		http://cds.edu/wp-
				content/uploads/2015/07
				/47_Indraneel.pdf
Salim Shah and	Regional and Social Disparity: A	Progressive	2015	978-81-8064-234-0
Niranjan Debnath	Special Focus on Tripura	Publishers, Kolkata		
Salim Shah and	Business and Management: Some	Mitram, Kolkata	2015	978-93-80036-88-5
Sanjeev K. Bansal	Emerging Issues			
(Editors)				

3.2. Book Chapters:

All Authors	Title of the Chapter	Book	Name of the Book	Publishers	Year	ISBN	Page
		Editors			(2015-16)		No.
Salim Shah	Performance Evaluation	Salim Shah	Business and	Mitram,	2015	978-93-	50 -
	of Select LAMPS in	and Sanjeev	Management:	Kolkata		80036-	69
	Tripura using Data	K. Bansal	Some Emerging			88-5	
	Envelopment Analysis		Issues				
Priyanka	The Scenario of	Salim Shah	Business and	Mitram,	2015	978-93-	137 -
Bhowmik and	Reproductive and Child	and Sanjeev	Management:	Kolkata		80036-	158
Salim Shah	Health inNorth Eastern	K. Bansal	Some Emerging			88-5	
	Region of India		Issues				

3.3. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/DOI	Page
		Magazine		(2015-16)		No.
Paramita	Implementation Efficiency of	Indian Journal of	Vol.11-	July-	2277-	631-
Saha and	MGNREGA: A Study of	Economics and	No.3	Sept.2015	5412(Print)	636
Soma	Indian States Using Data	Development			2322-	
Debnath	Envelopment Analysis	_			0430(online)	
	Providing social security	Indian Journal of	Vol.12-	April-June	2277-	381-
	through public expenditure : An	Economics and	No.2	2016	5412(Print)	386
	evidence from India's largest	Development			2322-	
	employment guarantee program	_			0430(online)	
Niranjan	Regional Disparity in terms of	Vidyasagar	Vol. 20	2015	0973-5917	31 -
Debnath	Economic Well-being using	University Journal				58
and Salim	Multidimensional Poverty	of Commerce				
Shah	Index: A case study in Tripura					

3.4. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

All Authors	Title	Name of the Journal/	Volume	Year	ISBN/DOI	Page
		Magazine		(2015- 16)		No.
Ashish Nath	Can technology explain growth disparity among the Indian States?	Forum for Global Knowledge Sharing	Conference Proceedings of the 10 <sup>th</sup> Annual conference of 'Knowledge Forum'	2015	-	329- 346
Indraneel Bhowmik, & Pritam Bose	Examining the Efficiency of MGNREGS in the North Eastern states of India using the Data Envelopment Analysis Approach	Data Envelopment Analysis and its Applications: Proceedings of the 13 <sup>th</sup> International Conference of DEA; (eds Emrouznejad, A, R Banker, H Ahn, M Afsharian), Braunschweig, Germany	-	Februa ry, 2016	978-1-85449- 497-9 10.13140/RG. 2.1.4082.9202	91- 97

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Indraneel	Examining the	Data Envelopment Analysis	-	Feb.,	978185449497	91-
Bhowmik &	Efficiency of	and It's Application:		2016	9	97
Pritam Bose	MGNREGS in North	Proceedings of the 13 <sup>th</sup>				
	Eastern States of India	International Conference of			10.13140/RG.	
	Using The Data	DEA; (eds Ali Emrouznejad,			2.1.4082.9202	
	Envelopment Analysis	Rajiv Banker, Heinz Ahn and				
	Approach	Mohsen Afsharian )				

## 4. Details of publications not reported in category 3:

4.1. Papers in peer reviewed journals published in India:

All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page
		Journal/ Magazine		(2015-16)		No.
Indraneel Bhowmik	State Finances of Tripura – A	Assam Economic	09	January 2016	2319-6254	18-37
and Ashish Nath	Critical Assessment	Review				
Bhowmik, Indraneel	State Finances of Tripura- A	Assam Economic	09	2016	2319-6254	2319-
& Ashish Nath	Critical Assessment	Review				6254

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

		an Tripura Oniv		full paper: (Maximum 4 per person)
Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Ashish Nath	98 <sup>th</sup> Annual Conference of the Indian Economic Association	27-29 <sup>th</sup> December 2015	Indian Economic Association	Improved economic relations with neighbouring countries can boost growth prospects of north eastern region of India
	Look (Act) East Policy and North East India	September 25-26, 2015	OKD Institute of Social Change and Development	Integration with Regional Blocks can Boost the Growth Prospects of NE India
JaharDebbarma & Samrat Goswami	85 <sup>th</sup> Annual Conference of Southern Economic Association at New Orleans Marrriot, USA	21-23 Nov, 2015	Southern Economic Association	Shifting Cultivation and Land Management Practice Among the Tribes of Tripura, India
Jahar Debbarma	Agricultural Sustainability in North East India	March 7, 2016	Govt. Zawlnuam College, Mamit, Mizoram	Agriculture in Tripura: With Special reference to SRI Method
Bhowmik, Indraneel; Pradip Chouhan, Pritam Bose & Vanlalrema Kuki	85 <sup>th</sup> Annual Conference of Southern Economic Association at New Orleans Marrriot, USA	21-23 Nov, 2015	Southern Economic Association	Trends and Pattern of Social Sector Expenditure of the North Eastern States of India'
Subhrabaran Das	Agricultural Sustainability in North East India	March 7, 2016	Govt. Zawlnuam College, Mamit, Mizoram	Sustainable Agricultural Development and Inclusive Growth in India: A Cross- sectional Study of Barak Valley in Assam
Niranjan Debnath and Salim Shah	17 <sup>th</sup> Annual Conference of North Eastern Economic Association (NEEA)	30 <sup>m</sup> – 31 <sup>st</sup> October, 2015	Department of Economics, Rajiv Gandhi University, Itanagar	"A comparative Analysis of the Different States of India in terms of Economic Development: Using Multidimensional Approach"
Salim Shah	UGC sponsored National Seminar on Infrastructural Development in India with Special Reference to North Eastern States	9 <sup>m</sup> – 10 <sup>m</sup> October, 2015	Department of Economics, Women's College, Government of Tripura	"An Evaluation of the Relation between Social Infrastructure and Income Poverty: A District Level Study of West Bengal"
	UGC sponsored National Seminar on 'Agricultural Sustainability in North East India'	7 <sup>th</sup> March, 2016	Department of Economics, Govt. Zawlnuam College, Mamit, Mizoram	"Agricultural Economics in India: Text to Context"
Priyanka Bhowmik and Salim Shah	National Seminar on Human Development and Millennium Development Goals 2015: Challenges and Opportunities	29 <sup>th</sup> March, 2016	Centre for Human Development and Human Rights (CHDHR), Rabindra Bharati University, Kolkata	"Measuring the Status of Reproductive and Child Health: A Study of North Eastern States"

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Mamoni Kalita	International Seminar on Empowering women to lead change	23-24 <sup>th</sup> june	ICFAI University	Working women, work and health implication: A study in Tripura.
Pradip Chouhan	Time Series Econometrics	6 <sup>th</sup> -10 <sup>th</sup> July, 2015	IIT Guwahati in Collaboration with The Indian Econometric Society and ICSSR (NERC), Shillong	Participated
	North Eastern Economic Association (NEEA) 17 <sup>th</sup> Annual Conference	30 <sup>th</sup> - 31 <sup>th</sup> October, 2015	Department of Economics, Rajiv Gandhi University, Arunachal Pradesh	A comparative Study on the Livelihood Assets of Rubber Farmers and Labourers in Tripura
	Advanced Econometric Methods and Their Applications	29 <sup>th</sup> February to 5 <sup>th</sup> March,2016	Indian Statistical Institute and Department of Economics, Mizoram University	Participated
Pradip Chouhan, Vanlalrema Kuki, Indraneel Bhowmik	Labour Markets in Eastern Himalayas and North East India: Changing Patterns an Emerging Issues	29 <sup>th</sup> -30 <sup>th</sup> April 2016	Tata Institute of Social Sciences (TISS), Guwahati Campus funded by the International Center for Development and Decent Work (ICCD), Germany	A Study on the Emerging Labour relations in the Rubber Plantations of Tripura
Pritam Bose	Attended Workshop on Time Series Econometrics	6 <sup>th</sup> -10 <sup>th</sup> July, 2015	Department of Humanities and Social Sciences, IIT Guwahati in Collaboration with The Indian Econometric Society and ICSSR (NERC), Shillong	Participated
Indraneel Bhowmik, Pritam Bose	International Conference	24 <sup>th</sup> -27 <sup>th</sup> August, 2015	13 <sup>th</sup> International Conference of Data Envelopment Analysis (DEA) held at Technische Universität (TU), Braunschweig, Germany	Examining the Efficiency of MGNREGS in North Eastern States of India using the Data Envelopment Analysis Approach
Pritam Bose	National Seminar	30-31 October, 2015	17 <sup>th</sup> Annual Conference of North Eastern Economic Association (NEEA) organized by Department of Economics, Rajib Gandhi University, Itanagar	ImplementationEfficiency of MGNREGS in North Eastern States of India: A District Level Analysis using Data Envelopment Analysis
Vanlalrema Kuki	Workshop on Time Series Econometrics	6–10 July, 2015	Department of Humanities and Social Sciences, Indian Institute of Technology, Guwahati; and The Indian Econometric Society and Supported by ICSSR (NERC) Shillong	Participated
	17th Annual Conference of NEEA  Statistical Techniques and	30-31 October, 2015 2-6	Department of Economics, Rajiv Gandhi University, Itanagar Department of Economics,	A Comparative Study of the Livelihood Assets of Rubber Farmers and Labourers in Tripura Participated
	Their Application in Social Science Research Basic to Advanced Data	December, 2015 5–7	Rajiv Gandhi University, Itanagar Department of Statistics,	Participated
	Analysis in SPSS	January, 2016	Assam University, Silchar	_
Rituparna Poddar	Workshop on 'Frontier in Applied Econometrics'	from 9th March 2016 to 11th March 2016	Department of Economics, Rabindra Bharati University	Participated

	Summer School On Research Methodology: Applications On Econometrics And Statistics	23 <sup>rd</sup> May- 29 <sup>th</sup> May, 2016	Department Of Humanities and Social Sciences, NIT, Durgapur.in collaboration with TIES.	Participated
Jadab Ch. Bhattacharya	2 Day International Conference on the focal theme "Regional Development with focus on India and other developing countries"	15–16 September, 2015	Centre for Regional Development and Planning, Dept. of Economics, Burdwan University.	Measuring Welfare in Indian States: A suggestion for a new multi-dimensional index
	2 Day International Conference on the focal theme "Recent Trends on Histro-Geographic Approaches of South- Asian Environment countries"	24–25 September, 2015	Dept of Economics, Abhedananda Mahavidyala, Birbhum and Dept of History Saldiha College, Bankura	Growth of the Asia-Pacific Countries – Whether it Costs the Environment of the Region
	17th NEEA Annual Conference on the focal theme "Labour Market Issues with Special Reference to the Northeast India and Issues in Health Economics in the North- Eastern region of India"	30 – 31 October, 2015	Department of Economics, Rajib Gandhi University	In Quest for a Health Index for the North Eastern States of India
Usha Jai Mog	North Eastern Economic Association	30 <sup>th</sup> -31 <sup>st</sup> Oct'15	Department of Economics, Rajib Gandhi University, Itanagar	Life Insurance Service in Rural Tripura-A case sudy of Jampuijala ADC Village.
	Workshop on Orientation Programme in Social Science	8 <sup>th</sup> - 11 <sup>th</sup> March'16	ICSSR, North Eastern Regional Centre	Participated
Niranjan Debnath and Salim Shah	UGC sponsored two days National Seminar on "Socio-Economic and Educational Status of Muslims in Tripura"	11 <sup>th</sup> and 12 <sup>th</sup> August, 2015	Dept. of Education, Ambedkar College, Fatikroy, Unakoti, Tripura	Analysing Social Disparity in terms of Multidimensional Deprivations
Niranjan Debnath	"Advanced Econometric Methods and Their Application"	29 <sup>th</sup> February to 5 <sup>th</sup> March, 2016	Economic Research Units, Indian Statistical Institute (ISI), Kolkata in collaboration with Department of Economics, Mizoram University,	Participated
	"Frontiers in Applied Econometrics"	9 to 11 <sup>th</sup> March, 2016	Department of Economics, Rabindra Bharati University, Kolkata,	Participated
Priyanka Bhowmik	Human Development and Millennium Development Goals 2015: Challenges and Opportunities	29 <sup>th</sup> March, 2016	Centre for Human Development and Human Rights (CHDHR), Rabindra Bharati University, Kolkata.	Measuring the Status of Reproductive and Child Health: A study of North-Eastern States

6. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Indraneel	Agartala	13 <sup>th</sup> January,	Institute of Advanced Studies in	Field Survey & Data Collection'
Bhowmik		2016	Education	
	Agartala	6 <sup>th</sup> August,	www.tripurainfoway.com	Tripura's Economy in the 21 <sup>st</sup> Century:
		2015		In search of the Growth Engine
Salim Shah	Agartala	12 <sup>th</sup> January,	Institute of Advanced Studies in	"A Research Proposal: The Road Map
		2016	Education, Govt. of Tripura	of Doing Research" and "Components
				of Research (Ph. D)"
	Agartala	12 <sup>th</sup> May, 2016	OKDISCD, Guwahati (in the context	"Status of Women and Children in
			of UNICEF's Country Programme for	Tripura: An Overview"
			2018 – 2022)	

7. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of	Research topic	Name of Guide	Registered/Theses
Scholars			submitted/ Awarded
Alpana	An Analysis of Factors Contributing to the Performance of	Dr. Jahar	Awarded
Bhattacharjee	Woman SHGs in Tripura: A Study of Urban Groups	Debbarma	
Jadab Ch.	Well-being in Indian States: A Multidimensional Welfare	Indraneel	Registered
Bhattacharya	Approach	Bhowmik	
Vanlalrema	A Comparative Study on the Plantation Based Rehabilitation	Indraneel	Registered
Kuki	Modes for Jhumias of Tripura	Bhowmik	
Rituparna	Growth Performance of North Eastern States- An Economic	Indraneel	Registered
Poddar	Exploration	Bhowmik	
Niranjan	Perspectives of Multidimensional Poverty in North Eastern	Salim Shah	Registered
Debnath	Region of India with Special Reference to Tripura: An		
	Economic Analysis		

#### 8. Outreach Footprint of the Department: None

8. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

S1.	Date	Duration	Title	No. of
No.				Participants
01	21st Dec,2015	Prof. J.B. Ganguly	Role of Nature in Economic Science	60
		Memorial LectureOne day		
02	May,2016	One day	State Level Consultation on	50
			Situational Analysis of Children and Woman in	
			Tripura, 2016	

8. B. Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership		
Dr. Indraneel Bhowmik	North Eastern Economic Association	Hony. Secretary		
	Economic Science Society of Tripura (ESSOT)	Life Member		
Dr. Jahar Debbarma	North Eastern Economic Association (NEEA)	Life Member		
Dr. Paramita Saha	North Eastern Economic Association (NEEA)	Executive Member		
Dr. Paramita Saha	Indian Association of Women Studies (IAWS)	Life Member		
Prof. Ashish Nath	North Eastern Economic Association	Life Member		
	Indian Economic Association	Life Member		
Dilip Kumar Rana	North Eastern Economic Association	Life Member		
	Indian Economic Association	Life Member		
Dr. Subhrabaran Das	North Eastern Economic Association	Life Member		
Dr. Salim Shah	North East Economic Association (NEEA)	Life Member		
	Economic Science Society of Tripura (ESSOT)	Life Member		
Jadab Chandra Bhattacharya	North Eastern Economic Association	Life Member		
Prabir Ghosh	North Eastern Economic Association	Term Member		
Samir Debnath	North Eastern Economic Association	Term Member		

8. C. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members: None

Name	Course attended	Location	Duration	Date
Dr. Salim Shah	Refresher Course in	UGC-Human Resource Development Centre,	21 Days	19 <sup>th</sup> August to 8 <sup>th</sup>
	Economics and	Bharathiar University, Coimbatore, Tamil		September, 2015
	Econometrics	Nadu		

### 9. Major thrust area of research: Agriculture, Industry

10. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

Name of xaminations	Total			Gen		OBC		SC		ST		PH (C Total)	Out of )	Mino	rity
Name Examina	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
SLET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

# **Annual Report 2015-16**

SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

#### DEPARTMENT OF EDUCATION

Head of the Department : **Dr. Tinku De (Gope), Head (i/c)** 

Year of Establishment : 2011

Programmes on offer : MA, IMD, Ph. D.
Intake capacity : 20 in MA in Education

#### Major Achievements/ Vision of the Department:

In the state of Tripura, it is the only Centre of Educational Research where educators, scholars' and researchers are involved with the exploration and creation of new knowledge to solve some problems of society as well as to innovate new knowledge for enriching the subject in the context of global needs and requirements considering better quality. Only at the age of five, department is now powered with Thirteen (13) NET qualified students among whose two achieved JRF. Not only this very shortly department is going to start professional courses like B Ed, BA/B Sc B Ed. Therefore, it dreams to expertise the students' community as well as the scholars of the subject in a tri-polar manner namely general education (M A in Education), professional education (Teacher Education) and third one is devoted with Research and Extension of knowledge. The most important mission of the department is to create a study oriented, intellectual, stimulating and motivating quiet environment where each and every member of this department can grow positively towards excellence. With this aim it has shaped its unique philosophy which finds reflection in its academic program.

1. Fulltime Faculty Members: 03

1. I diffille I d	cuity Mcmocis.	05				
Name	Qualification	Designation	Courses taught in	Research	No. of years	No. of
	(PG/ MPhil/		2015-16	area	of Teaching/	existing Ph.D.
	Ph.D/				Research/	Scholars
	NET, SLET				job	under his/her
	etc)				experience	supervision
Dr. Tinku	M.A B.Ed,	Assistant	Teacher Education,	Teacher	12 years	6
De (Gope)	Ph.D	Professor	Philosophical foundation of	Education		
			Education, Sociological			
			foundation of Education, Value			
			Education, Contemporary			
			Issues in Education, Guidance			
			and Counseling.			
Dr. Subhash	M.A, B.Ed,	Assistant	Psychological foundation of	-	12 years	4
Sarkar	Ph.D	Professor	Education, Measurement			
			&Evaluation in Education,			
			Psychology of Intelligence &			
			Creativity.			
Dr.	M.A, M.Ed,	Assistant	Inclusive Education	-	4 years	5
Rajendra	M.Phil,	Professor	measurement &Evaluation,			
Prasad	NET, P.hD.		Educational Technology			

- 2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only: NIL
- 3. Details of Publications not reported in category 2:

3.1. Publications in peer reviewed Journals publishedin India (National):

All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page
THI THUMOIS	Title	Journal/ Magazine	Volume	(2015-	1551 (/ 2 01	No.
		v o umum mugumme		16)		1,0.
Rajendra Prasad	Towards Right to Quality Education:	University News	Vol.53	2015	0566-2257	3-8
	Deliberations in the Context of	-	No. 45			
	Allahabad High Court Decision					
Rajeev Dubey and	Fallacious Premises and Erroneous	University News	Vol.54	2016	0566-2257	20-23
Rajendra Prasad	Conclusions : The case of UGC's	-	No. 4			
	Non-NET Fellowship					
Rajeev Dubey and	University-Industry Interface :	University News	Vol.53	2015	0566-2257	9-12
Rajendra Prasad	Problems, Paradoxes and		No. 42			
	Possibilities					

4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/The ses submitted/ Awarded
Sabita Das	Study On Professional Ethics, Teacher Effectiveness and Professional Stress of Secondary School Teachers in Relation to Academic Achievement of Secondary Schools.	Dr. Tinku De (Gope)	Registered
Binapani Saha	An Investigation into The Effect of Faculty Development Programme On Teachers' Professional Stress and Teachers' Effectiveness at The Level of Higher Education in Tripura.	Dr. Tinku De (Gope)	Registered
Mr.Joydeep Chakraborty	"A Study On Educational Aspiration, Academic Performance and Parental Support of the Students of Secondary Schools Belonging to Disadvantaged Group in The West Tripura District"	Dr. Subhash Sarkar	Registered
Mrs. Sangita Debnath	"A Comparative Study On Creativity, Home-Environment, And Academic Achievements of Tribal and Non-Tribal Students of Secondary Schools in Tripura"	Dr. Subhash Sarkar	Registered
Nandita Sarkar	"A Study On Parental Support, Examination Anxiety and Academic Achievement of Undergraduate Visually Impaired Students"	Dr. Rajendra Prasad	Registered

### 5. Outreach Footprint of the Department:

5. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

S1.	Date	Duration	Title	No. of
No.				Participants
1	30/09/2015	Two hours Special Lecture by	Quantitative and	70
		Prof Ashok K. Srivastava, Head, Division of Educational Research	Qualitative	
		(DER)National Council of Educational Research and Training	Approaches to	
		(NCERT)Sri Aurobindo Marg, New Delhi	Research	
2	07/10/2015	Two hours Special Lecture by Prof Nityananda PradhanHead,	Mixed Research	60
		Department of Extension EducationNorth East Regional Institute of	Methodology	
		EducationNational Council of Educational Research and Training		
		(NCERT)		
3	12/01/2016	One day workshop cum Extempore Competition	Swami	300
			Vivekananda's	
			Call to the youth	
			of India	

6. A. Teaching Laboratory/ Research Laboratory:

Total	No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
10		02	08

### 6. B. Major Instruments available in the Department:

- 1. Computer with MS word mainly for project work.
- 2. OPH Projector for teaching and examination purpose
- 3. Instruments of Music Lab for Co –scholastic activity in our department.

7. On-going Research Projects in 2015-16:

· on going resourch risjees in 2010 10.									
Principal		Funding Agency	Title of the project	Total Grant	Grant	Tenure			
Investigator	Co-			(Rs. in Lakhs)	received				
	Investigator				during the				
					year				
Dr. Rajendra	Dr. Tinku	Indian Council	Internet Usage and Study	8	-	2015-2016			
Prasad	De(Gope)	Social Sciences	Habit, Academic						
	{Co P I}	Research. New	Achievements of Secondary						
		Delhi	Students of West Tripura						

6. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

o. No or students q	1 1														
ns	Total			Gen		OBC		SC		ST			Out of	Minor	rity
ne of inatio												Total	)		
Name of Examinations	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	1	2	3	-	1	-	-	1	1	-	-	-	-	-	-
SLET	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	=-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies with Examination; \*\*Students Opting for Higher Studies Without Examination.

#### DEPARTMENT OF ENGLISH

Head of the Department : Prof. Ashes Gupta

Year of Establishment : 1990

Programmes on offer : **IMD, MA, PhD.**Intake capacity : **M.A-100, IMD-30** 

#### Major achievements/Vision of the Department:

The Department of English, established in 1990, is one of the oldest departments of the university, catering to the demand of English Studies in the region. The programs offered by the department ensure smooth transition of students from the undergraduate level to higher levels of research, at the same time providing a strong foundation to those aspiring to clear the N.E.T and S.E.T Examinations leading to a meaningful academic career. One of the main highlights of the department is to ensure a holistic exposure of the students to literature and the changing world and hence the courses on offer spread across a gamut of literary responses ranging from folk to popular literature and from British to Indian and North Eastern Literature in English (both in original and in translation). The department has always encouraged innovative thinking among its students through such assignments as creation of poetry videos, students' sessions in every national/international seminar organized by the department and so on. The study of literature-industry linkage through innovative courses in the department aims at facilitating a cutting edge to the students in negotiating the issue of employability.

1. Fulltime Faculty Members:

Name	Qualification (PG/ M.Phil/ Ph.D/ NET, SLET etc)	Designation	Courses Taught in 2015-16	Research Area	No. of years of teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Shyamal Das	Ph.D	Professor	Grammar, Phonetics, Phonology, Morphology, Syntax, Sociolinguistics and ELT	Linguistics/ ELT	26 years	03
Dr. Ashes Gupta	Ph.D	Professor	Metaphysical Poets, Robert Burns, Thomas Gray and Rousseau's Confessions, Indian Writings in English, American Literature 1 & 2, Popular Literature and Culture.	Colour Theory; Indian English Literature (with Special ref. to NE lit.); Translation Studies, American Lit. and Popular Lit.	19 years	06
Dr Partha Sarathi Gupta	Ph.D	Assistant Professor	The Elizabethan and Jacobean Age, Literary Theory and Criticism, Indian Litearture in English II, Postcolonial Theory	Renaissance Studies, Shakespeare, Modern and Post-modern Literary Criticism and Theory, Indian Drama in English	14 years	1
Dr. Somdev Banik	Ph.D	Assistant Professor	Selected Texts from English Literature from Chaucer to Milton, The Elizabethan and Jacobean Age, The Rise of Fiction, Literary Criticsim and Theory-II/ American Literature-II	Post-colonial Lit, Culture Studies.	11 years	02
Dr. Chaitali Gorai	Ph.D	Assistant Professor	Selected Texts from English Literature from Chaucer to Milton, The Elizabethan and Jacobean Age, 17 <sup>th</sup> and 18 <sup>th</sup> Century English Literature, Literary Criticsim and Theory-II/ American Literature-II	Renaissance and Victorian Literature, Critical Theory, Post- colonial Literatures.	05 years	02

Dr. Ksh.	Ph.D	Assistant	Selected Texts from	Modern Fiction,	05 years	Nil
Premcha		Professor	English Literature from	Critical Theory,		
ndra			Chaucer to Milton,	Folklore Studies,		
Singh			The Elizabethan and	Culture Studies		
			Jacobean Age, 17 <sup>th</sup> and 18 <sup>th</sup> Century English Literature, Linguistics-II/ Postcolonial Theory			
Ms	M. Phil	Assistant	-	Post Colonial	Newly	Nil
Debarati		Professor		Literature	Joined	
Das						

2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/ M.Phil/ Ph.D/ NET, SLET etc	Courses Taught in 2015-16	Research Area/Interest	No. of years of teaching experience	No. of years of research experience				
Smt. Shreya Ghosh	PG, NET	IMD	Detective Fiction	1 year	4yr				
Dr. Uttam Chakraborty	PG, SET, Ph.D	IMD	Linguistics	2 years	8yrs				

3. Details of Publications reported in Web of Sciences, Scopus, Google Scholar, Indian Citation Index only:

## 3.1. Books

All Authors in sequence	Title	Publishers	Year	ISBN
			(2015 - 16)	
Shyamal Das (Co-author)	Kokborok Morphology and	Akansha Publishing	2015	978-81-8370-
	Phonology	House, ND		421-2

4. Details of publication not reported in category 3:

4.1. Papers in peer reviewed journals published in India:

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015-16)	ISSN/DOI	Page No.
Dr. Partha Sarathi Gupta	"Imaging Women in Indian Advertisements: From Tagore to the Era of the Postmodern"	The International Journal of Culture, Literature and Criticism	Issue 13	2016	ISSN: 0976- 1608	30-37
Dr. Chaitali Gorai	"Between Cultural Crossroads: Traditional Indians vs Anglecised Indians in Selected Short Stories of Khushwant Singh"	Samy-Aagam: Research Journal, Languages and Social Sciences	Summer	2015	ISSN: 0976- 4682	99- 116
Dr. Somdev Banik	Ngugi wa Thiong'o's Critique of Christianity in Petals of Blood	IJHSSI	Vol:5	Jan 2016	2319-7722	p.12- 15.
Dr. Somdev Banik	Ngugi wa Thiong'o's Notion of Historical Change in Petals of Blood,	IOSR Journal of Humanities and Social Science	Vol-21	Jan 2016	2279- 0837(online ) 2279- 0845(print)	pp.72 -74
Dr. Somdev Banik	The Rise of the Dictator: Corrupting Influence of Power in Achebe's Anthills of Savannah	International Journal of Culture, Literature and Criticism	Vol-13	April 2016.	0976-1608	pp.61 -71
Dr. Somdev Banik	Representation of Disability in Literature	International Journal of English Language, Literature and Translation Studies	Vol-3	2016.	2349-9451 (Online), 2395-2628 (Print).	pp 198- 201
Dr. Somdev Banik	Re-narrating National History in Amitav Ghosh's The Shadow Lines.	The Criterion: An International Journal in English, (www.the- criterion.com)	Vol-7	June 2016	0976-8165.	pp. 128- 133
Dr. Somdev Banik	Deconstructing the Hegemony of History: A Study of Postcolonial Resistance	Indian Journal of Applied Research	Vol-6	Feb 2016.	2249-555X	pp.70 3-705

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Dr. Somdev	Origin of Theatre in the Princely	Bharatiya Pragna: An	Vol-1	March	2456-1347	pp.42
Banik	State of Tripura	Interdisciplinary Journal		2016		-46
		of Indian Studies				
Dr. Ksh.	Place of Ougri in Meitei Lai	Transcript	Vol. III	Jan-Dec,	2347-1743	pp.
Premchandra	Haraoba			2015		81-88
Singh						
Dr. Ksh.	Of Pilgrims and Savages in the	Spectrum	Vol. 4	Jan-June,	2319-6076	pp.
Premchandra	Heart of Darkness			2016		37-44
Singh						

5. Conference/ Seminar/ Workshops/ Summer-Winter schools attended by Teacher/students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

				ns of full paper: (Maximum 4 per person)
Name	Conference/Seminar/Workshop	Date	Organized by	Title of the paper presented
	attended	4h-		
Dr Partha	UGC Sponsored National	8-9 <sup>th</sup>	Dept of English, Raja	Widow Remarriage Dismissed:
Sarathi	Seminar: The Unwanted	October,	Rammohan Roy	Critiquing Discourses of
Gupta	Insiders: Representing Widows	2015	Mahavidyalaya,	Enlightenment in the Popular
	in India		Hooghly	Literature of Battala in 19 <sup>th</sup> Century
				Kolkata
Dr Partha	International Seminar: Re-	17-18 <sup>th</sup>	Dept of English,	The Flip-Side of the Bengal
Sarathi	interpretations of the Past: The	March,	NEHU, Shillong	Renaissance: 'Reinterpretations' of
Gupta	Discourse of Cultural Identity	2016		Enlightenment in the Popular
	in South Asia			Literature of Battala in the 19 <sup>th</sup> Century
				Kolkata
Dr Partha	National Seminar: Educating	5 <sup>th</sup> and 6 <sup>th</sup>	Institute of Advanced	'Playing' Folktales of Tripura in
Sarathi	Tribal Children: Issues and	March	Studies in Education,	English Translation: Towards New
Gupta	Remedies With Special	2016	Govt of Tripura,	Methods of English Language
	Reference to Tripura		Agartala	Teaching
Dr. Somdev	National Seminar on	20-21 <sup>st</sup>	Govt. Degree	Holistic Education: An Illusion or
Banik	Deterrents on the path of	Jan 2016	College, Kamalpur.	Reality
	Students' comprehensive			
	development			
Dr. Somdev	Special Summer School	27June-17	UGC-HRDC,	Professional Development of Teachers
Banik		July 2016	NEHU, Shillong	
Dr. Somdev	International Conference on	March5-6	Dept. of Bengali, TU	Conflicting Voices of Caste
Banik	Adwaita Mallabarman: Jiban O	2016		Consciousness in Adwaita
	Sristi			Mallabarma's Titas Ekti Nadir Naam
Dr. Somdev	National Seminar on	March	Dept. of Sanskrit,	The Oral Tradition of Bengali
Banik	Texts, Manuscripts & Oral	16-18	TU&IGNCA, New	Folksongs in Tripura
	Traditions of Tripura	2016	Delhi	
Dr. Ksh.	Women's Rights as Human	17 Jan.	Dept. Bengali,	The Familial Violence: Rights
Premchandra	Rights	2016	Directorate of	Violation at the Core of Society in
Singh			Distance Education,	Toni Morrison's The Bluest Eye
_			Tripura University	
Dr. Ksh.	Texts, Manuscripts & Oral	16- 18	Sanskrit Dept.	Manipuri Literary Tradition in Tripura
Premchandra	Traditions of Tripura	March,	Tripura University	
Singh		2016		
Dr. Ksh.	Oral and Texual Traditions of	28-30	Arunachal Institute of	Ougri in the Meitei (Manipuri)
Premchandra	North East India	March,	Tribal Studies, Rajiv	Creation Myth
Singh		2016	Gandhi University,	-
<u>-</u>			Itanagar	
Dr. Ksh.	Folklore and Gender	30-31	Dept. of Culture and	Gender Issues in the Kokborok
Premchandra		March,	Creative Studies,	Folktale 'Chethuang'

6. Invited Talks Delivered by faculty/ Guest faculty in any Colloquium/ Workshop/ Summer or Winter School etc:

o. mvited raiks De	invited Tarks Benvered by Ideatry Guest Ideatry in any Conoquiant Workshop, Summer of Winter School etc.							
Name	Place	Date	Organization	Title of Invited talk				
Prof. Ashes	Dept. of Eng.,	7th to 14th	Dept. of English, Tripura	Resource Person in 7-day NBT				
Gupta	Tripura	July, 2015	University and	Training Course in Book				
	University.		National Book Trust, India,	Publishing. Sessions: 1.Book:				
			MHRD, Govt. of India.	Evolution, Concept and				
				Perception. 2. Reading Strategies.				
				3. Book Production in Tripura				

Prof. Ashes	Guwahati, Assam	26 <sup>th</sup> Jan to 31 <sup>st</sup>	Kaziranga Literary Festival	Resource Person and Panelist in
Gupta		Jan. 2016	2016 organized by Assam	the Panel My India.
			Tourism, Govt. of Assam	
			and North East Writers'	
			Forum	
Prof. Ashes	Dept. of English	27 <sup>th</sup> and 28 <sup>th</sup>	Dept. of English THLH	Resource Person: Teaching
Gupta	THLH College,	November,	College, Birbhum and	Shakespearean Theatre in MA
	Birbhum	2016	DOEML, Viswabharathi,	Class: Pedagogical Innovations
			Santiniketan.	
Prof. Ashes	Dept. of English,	17-18 <sup>th</sup> March,	Dept of English, NEHU,	International Seminar: Re-
Gupta	NEHU, Shillong	2016	Shillong	interpretations of the Past: The
				Discourse of Cultural Identity in
				South Asia
				Resource Person and Plenary
				Speaker for
				The Rhetoric of Recall.
				2. Panelist for Panel Discussion
Dr Partha Sarathi	Dept. of English,	2 <sup>nd</sup> April, 2016	Ramthakur College, Govt of	"The Impact of Modernism on
Gupta	Ramthakur		Tripura,	European Art and Literature"
	College, Govt of			
	Tripura,			
	Agartala			

7. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of	Research topic	Name of Guide	Registered/Thesis
Scholars			submitted/ Awarded
Ms. Sharmistha	Investigating Vampirism as a Cultural Construct	Prof. Ashes Gupta	Awarded
Roy	for Analysing Cultural Phenomenon		
Ms. Shreya	Analysing and Situating Detective Fiction in an	Prof. Ashes Gupta	Viva Voce completed.
Ghosh	Alternative Canon with Special Reference to		Awaiting award.
	Feluda Stories in English Translation.		
Ms. Suparna	Convergences and Divergences: A Comparative	Prof. Ashes Gupta	Pre-PhD Public Seminar
Saha	study between Bengali Folktales and Reang		successfully defended
	Folktales		
Ms. Emily	Interrogating Feminism in Indian perspective:	Prof. Ashes Gupta	Summary of Results to be
Sharma	Issues of theory and praxis.		submitted.
Mr. Benjamina	Oration and Tradition: A study of Darlong	Prof. Ashes Gupta	Summary of Results to be
Darlong	Folktales and Folk songs		submitted.
Ms. Chitra	Analysing Chakma folk ballads: discovering	Prof. Ashes Gupta	Registered.
Chakma.	patterns of migration, transformation and		
Registered	adaptation		
Ms. Sukla	Analyzing and situating English Poetry of the	Prof. Ashes Gupta	Registered
Singha.	North-East towards the formulation of an		
	alternative canon: Problems and issues with		
	reference to select poets and texts		
Ms. Subhra	Reconfiguring the self-other dichotomy: an	Prof. Ashes Gupta	Registered
Roy	interrogation of the issues of Naga nation and		
	identity in the works of Easterine Kire Iralu		

# 8. Outreach Footprint of the Department:

8. A. Seminar/Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of Participants
No.				
1	7 <sup>th</sup> to 14 <sup>th</sup>	7 days	'Certificate Course in Book Publishing', sponsored by	117 nos
	July 2015		National Book trust, MHRD, Govt. of India	
2	16 <sup>th</sup> May,	4 hrs.	Popular talk and interaction: Publishing in India by Ms.	100 Students of 2 <sup>nd</sup> and 4 <sup>th</sup>
	2016		Sharmila Abraham, Vice President, Commissioning,	Semester approx
			SAGE	

8. B. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. Ashes Gupta	North East Writers' Forum, Guwahati.	Executive Member
Dr Partha Sarathi Gupta	North East India History Association, Dept	Life Member (1265)
	of History, NEHU, Shillong	
Dr K. Premchandra Singh	North East India History Association, Dept	Life Member (1266)
	of History, NEHU, Shillong	

Major thrust area of research:
 North Eastern Literature and Culture with Special reference to the Literature and Culture of Tripura

10. No. of students qualified in various public examinations in the Academic year 2015-16 from the Department:

e of	Total			Gen		OBC		SC		ST		PH (C Total)		Mino	rity
Name of Examinations	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	3	3	6	-	1	1	2	-	-	2	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup> Students Opting for Higher Studies with Examination; \*\* Students Opting for Higher Studied without Examination.

#### DEPARTMENT OF FINE ARTS

Head of the Department : Dr. Rajesh Bhowmik, Head (i/c) [HoD from 25/05/2016]

Year of Establishment : 2009

Programmes on offer : M.F.A., Ph.D.

Intake capacity : 26

#### Major achievements/ Vision of the Department:

The Department of Fine Arts, Tripura University was established in the year of 2009. The Department is offering Master Degree in Fine Arts on the specialization of Drawing & Painting, Modeling& Sculpture and Doctoral programmes. The Credit Based Choice System (CBCS) has been introduced in 2015. In every semester, Core and Elective patterns are following in the practical and theory papers. An Annual Art Exhibition is held on every year in this department to develop the professional activities among the students. In every year, the skilled students are achieving invitation from different organizations like Lalit Kala Akademi, Srimanta Sankardeva Kalakshetra and renowned art galleries to perform and present their artworks. The faculty members of this department have some research projects from various funding agencies viz. ICSSR, ICHR, Ministry of Textiles, etc. The faculty members are participating in the different national and international level exhibitions, workshops and seminars, etc.

1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Rajesh Bhowmik	Ph.D, NET, MFA,	Associate Professor	Drawing & Painting	Tribal arts & crafts of North-East India,	14 yrs.	03
Sri Mukulendu Pathak	NET, MFA	Assistant Professor	Modelling & Sculpture	-	6 yrs.	-
Sri Subrata Dey	NET, MFA	Assistant Professor	Drawing & Painting	-	6 yrs.	-

#### 2. Guest Teachers/Contract Teachers:

Name	Qualification	Courses Taught	Research area/interest	No. of years	No. of years of
	(PG/MPhil/ Ph.D/NET,	in 2015-16		of teaching	research
	SLET etc)			experience	experience
Sri Amitabha	NET, MFA, BVA	History of Art	Folk and contemporary	2 years	4 years
Adhikari			art		
Dr. Kaberi	Ph.D, MFA, BVA	Modelling &	Art & Craft of Tripura	6 months	5 years
Choudhury		Sculpture	_		

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr. Rajesh	National Seminar	8-9 <sup>th</sup> Feb, 2016	Assam University	Jain Art: An Appreciation
Bhowmik	International	20-24 <sup>th</sup> Feb,	Jahangirnagar University &	Karbi o Bodo Poshake
	Conference	2016	Gono Bishwabidyalay, Savar,	Pratikir Byebohar: Ananya
			Dhaka	Sanskritik Chetnar Porichoy
	National Seminar	3-4 <sup>th</sup> Mar,	Department of Hindi, TU	Bimal Deb ke Prabondh
		2016		pore ek Nibondh
	National Seminar	16-18 <sup>th</sup> Mar,	IGNCA with collaboration of	Beauty in coins: A special
		2016	Deptt. of Sanskrit, TU	Reference of N-E region
Sri Subrata Dey	Kinetic Contour	July-2015	Art Konsult Art Gallery, New	Exhibited Artworks
	Drawing Show		Delhi	
	Exhibition			
Sri Amitava	KIPAF Art Festival-	23 <sup>rd</sup> - 26 <sup>th</sup>	Performers Independent,	Observer & Performance
Adhikari	2016	January, 2016	Kolkata	
	11 <sup>th</sup> Ishani Kala	$9^{th} - 13^{th}$ May,	ONGC and Govt. College of	Observer Artist
	Sangam Paintings and	2016	Art & Craft, Tripura	
	sculptures workshop			
	Painting & Sculptures	25 <sup>th</sup> - 29 <sup>th</sup> May,	Tripura Art & Artists	Exhibited Artworks
	Exhibition	2016	Foundation, at City Centre Art	
			Gallery, Agartala	

Dr. Kaberi	"Texts, Manuscripts &	16 <sup>th</sup> - 18 <sup>th</sup> Mar.	Deptt. of Sanskrit in	Idea and Images of
Choudhury	Oral Traditions of	2016	collaboration with IGNCA, at	Rabindranath Tagore: A
	Tripura"		Tripura University	Special Reference of
Sri Palash	54 <sup>th</sup> Paintings and	25 <sup>th</sup> - 31 <sup>st</sup> Dec,	Tripura Rabindra Parishad,	Exhibited Artworks
Debnath	Sculptures Exhibition- 2015	2015	Agartala	
	"Life and Thought of	7 <sup>th</sup> - 9th April,	Institute of Gandhian Studies,	Participated
	Gandhi"	2016	Wardha, (MH) and	
			Department of History,	
			Tripura University	
	Two-Day Legal	29 <sup>th</sup> - 30 <sup>th</sup> Mar.	Tripura Commission for	Participated
	Awareness	2016	Women and the National	
	Programme		Commission for Women, New	
			Delhi at Women's Studies	
	th	th at	Centre, Tripura University	
Sri Bikramjit	54 <sup>th</sup> Paintings and	25 <sup>th</sup> - 31 <sup>st</sup> Dec,	Tripura Rabindra Parishad,	Exhibited Artworks
Sarkar	Sculptures Exhibition-2015	2015	Agartala	
	Two-Day Legal	29 <sup>th</sup> - 30 <sup>th</sup> Mar.	Tripura Commission for	Participated
	Awareness	2016	Women and the National	
	Programme		Commission for Women, New	
			Delhi at Women's Studies	
		1 4	Centre, Tripura University	
Sri Armbam	Regional Workshop on	23 <sup>rd</sup> - 30 <sup>th</sup> Nov,	Art Society of Manipur,	Participated and Performed
Hemanta Singh	Paintings	2015	Imphal	
	Regional Seminar	30 <sup>th</sup> July, 2015	Art Society of Manipur,	'Progress of contemporary
			Imphal	art practice in Manipur'
Smt. Anindita	Regional Painting &	25 <sup>th</sup> - 31 <sup>st</sup> Mar,	Srimanta Sankaradeva	Participated & Performed
Bhattacharjee	Sculptural Workshop	2016	Kalakshetra (SSKS), Assam	

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

			F. 10	
Name	Place	Date	Organization	Title of Invited talk
Dr. Rajesh	SCERT, Agartala	29 <sup>th</sup> June, 2016	CCRT, Ministry of	Folk Art of India: An
Bhowmik			Cultural Affairs, Govt.	appreciation
			of India	

5. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Sri Bikramjit Sarkar	Tradition of Manuscript Paintings in Assam	Dr. Rajesh Bhowmik	Registered

## 6. Outreach Footprint of the Department:

6. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of Participants
No.				
1	31 <sup>st</sup> Jan to 04 <sup>th</sup>	05 days	7 <sup>th</sup> Annual Paintings and Sculptures Exhibition, 2016, Tripura	24
	Feb, 2016		University	
2	4 <sup>th</sup> May, 2016	01	"Art as a promoter of human unity & understanding"	30

6. B. Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Rajesh Bhowmik	www.chitralekha.com	Advisory Board Member
	(Chitrolekha International Magazine on Art	
	and Design)	

6. F. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Sri Subrata Dey	Special Winter Course	North-Eastern Hill,	21 days	26 <sup>th</sup> Oct to 15 <sup>th</sup> Nov,
		Shillong		2015

- 7. Major thrust area of research: Drawing & Painting, Modelling & Sculpture, Tribal art & Crafts, Manuscripts, Traditional textiles of North-Eastern region, etc.
- 8. New initiatives/Innovations:
  The Department of Fine Arts is ready to apply for the affiliation from AICTE, New Delhi.

9. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
05	04 (01 for theory and 03 for Studio)	01 (project work)

10. On-going Research Projects in 2015-16:

Principal	Co-	Funding Agency	Title of the project	Total Grant	Grant	Tenure
Investigator	Investigator			(Rs. in Lakhs)	received	
					during the	
Dr. Rajesh	-	Ministry of Textiles,	Representing the Heritage:	12,00,000/-	-	01 yr.
Bhowmik		Government of India	Textile design of North-			
			Eastern region of India			
		ICSSR, New Delhi	World of Traditional Mask:	7,00,000/-	-	03 yr
			A study of North-East India,			
			Nepal			
		ICHR, New Delhi	The Royal and Court	2,50,000/-	-	03 yr
			Paintings of Tripura			

11. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

11. No of students q	uamic	u III vai	ious publi	C CAaiii	mation	s in the	Acade	iiiic yca	11 2013	-10 1101	in the L	cpartii	CIII.		
e of ations	Total			Gen		OBC		SC		ST		PH (C Total)	Out of	Mino	rity
Name of Examinations	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	2	1	3	-	1	1	-	1	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	_	-	_	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

12. Details of Student's Placement known to the Department:

Name	Sex	Category	Name of the	Designation	Examination	Name of the
	M/F	(GEN/ ST/SC/	Organization/Dept.		Body	Examination
		OBC/MIN)				
		[give asterisk *				
		for PwD]				
Partha Das	M	SC	ICFAI University, Tripura	Guest	-	Interview
				Faculty		
Mithun Das	M	SC	Nagaon college of Teacher	Guest	-	Interview
			Education, Assam	Faculty		
Reshmi	F	GEN	Bhavans Tripura College of	Guest	-	Interview
Bhattacharjee			Teacher Education,	Faculty		
			Narsinghar, Tripura			

13. Awards/Medals/Honours received by the students during the academic year 2015-16:

13. 11. arab/1. reaarb/11.	mound received by the students at	aring the academic jear.	2015 10.	
Name of Students	Name of	Date of Awards/	Awarding	Remarks
	Awards/Medals/Honours	Medals/ Honours	Agency/Institution	
Prasun Datta	54 <sup>th</sup> Paintings & Sculptures	31 <sup>st</sup> Dec, 2015	Tripura Rabindra	Best Exhibit Award
	Exhibition Award		Parishad	
Shilpi Debnath	54 <sup>th</sup> Paintings & Sculptures	31 <sup>st</sup> Dec, 2015	Tripura Rabindra	Best Exhibit Award
	Exhibition Award		Parishad	

#### DEPARTMENT OF HINDI

Head of the Department : Dr. Vinod Kumar Mishra

(On deputation for Three Years since 14<sup>th</sup> May, 2016), Prof. Satyadeo Podder (Dean) w.e.f. 15<sup>th</sup> May, 2016,

Dr. M.R. Jamatia, Coordinator

Year of Establishment : 2006

Programmes on offer : IMD, M.A, Ph. D Intake capacity : IMD-10, MA-20

#### Major achievements/ Vision of the Department:

The Department of Hindi aims to provide teaching and research facilities in Hindi language & Literature, keeping in view the changing social norms, communication patterns, different social roles of language in our society and fast changing social values in our time. While drawing up the IMD, PG & Ph.D. Course work syllabus, sufficient care has been taken to cater to the above needs. It has been kept flexible enough to incorporate various requirements of the students in the context of contemporary society. Special attention is also given to the regional/North Eastern and comprehensive studies of language and literature. In brief the Department of Hindi, TU has following future plans to strengthen itself:

- To build the department into a Highest centre of research and teaching in Hindi
- To attract students from different parts of the Country
- To submit proposal to UGC for the grant of SAP
- To provide avenues for capacity building to increase employability of the students.
- To open more Specialization.
- To use more PPT during teaching and research.
- To open departmental journal and library.

#### 1. Fulltime Faculty Members:

Name	Qualification (PG/MPhil/ Ph.D/ NET, SETetc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Vinod Kr. Mishra	MA, M.Phil, Ph.D	Associate Professor (On Deputation)	Bhasha-Vigyan, Proyojanmulak Hindi, AdikalinKavya, Unit-1	Medieval Hindi Literature	27 years	06
Dr. Milan Rani Jamatia	MA, Ph.D, NET-JRF (UGC)	Assistant Professor	PashchatyaSahityalo chanevam Hindi Anuvad, ChhayavadottarKavy a, Bhartiya- Kavyashastra, Lok- SahityaevamSanskrit i (Tripura Kendrit)	Folk Literature	13 years	03
Dr. Jai Kaushal	MA, M.Phil, Ph.D, NET-JRF (UGC) PG Diploma in Translation PG Diploma in Bhasha-Vigyan	Assistant Professor	RitikalinKavya (HN-304),KathakarPremchand (HN404-ii), NatakaurNibandh (HN-703C), MadhyakalinKavya (HN-802C)	Translation, Dalit Literature& Folk Literature	08 years	05
Dr. Kali CharanJha	MA, M.Phil, Ph.D, NET-JRF (UGC) UG Diploma in French Language	Assistant Professor	NA	Modern Hindi Poetry & Hindi Novel	From 02/06/16	-

2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/MPhil/Ph.D /NET,SLETetc)	Courses Taught in 2015-16	Research area/interest	No. of years of teaching experience	No. of years of research experience
Dr. Chandrashekhar Chaubey	MA, M. Phil, Ph.D, NET-JRF (UGC)	AdhunikKavya (ChhayavadTak)- HN-301,Hindi SahityakaAdhunikKal (HN-401),Hindi SahityakaItihas (MadhyakalTak)-HN-701C, Hindi SahityakaAdhunikkal (HN-803C)	Prayogvadevam NaiKavita	03 years	Nil
Dr. Alok Kumar Singh	M.A, Ph. D	Hindi BhashaevamVikas (HN-704E) AdikalinKavya (HN-801C), Hindi SahityakaAdhunikkal (HN-401), BhashaVigyan (IMD 6 <sup>th</sup> Sem)	Swatantryottar Hindi Kavita	03 years	Nil
Dr. Aruna Singh	M.A, Ph. D	Hindi GadyaSahitya (IMD 2 <sup>nd</sup> Sem) &Proyojanmulak Hindi (IMD 6 <sup>th</sup> Sem)	Journalism	07 Months	Nil

3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura	Institution affiliated with now/previously
	University	(if retired)
Professor Chandrakala Pandey	Hindi Sahitya KaItihas & Research Methodology	Kolkata University, West Bengal

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

4.1. Publications in peer reviewed Journals published in India (National):

A 11 A 41	LTC41.	NT	3.7 . 1	37	TOOM!/	D
All Authors	Title	Name of the Journal/	Volume	Year	ISSN/	Page
		Magazine		(2015-16)	DOI	No.
Dr. Jai Kaushal	Cinema mein Dalit Stree	Dalit Asmita	Issue- 21-	2015-16	2278-	71-
			22		8077	75
Dr. Jai Kaushal	'Chhaak'(A Story)	SahityaAmrit, Delhi	December	2015	2455-	66-
					1177	69
Dr. Milan Rani	Kokborok Sahitya ka kram-	Sahitya Mala Yojna: Adivasi	Ank, 2015	2015	-	125-
Jamatia	Vikas	Vimarsh, K.H. Nideshalay,				141
		MHRD, New Delhi				
Dr. Milan Rani	Kokborok Lok-Sahitya me	Madhai, Bilaspur,	29	2015	2278-	222-
Jamatia	Stri Sandarbh	Chhattisgadh			8352	229
Dr. Milan Rani	Kokborok Lokgeeton me	SamanvayPurvottar KHS,	24	2016	2231-	7-22
Jamatia	Abhivykta Lok-Sanskriti	MHRD, Agra			6132	

4.2. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

All Authors	Title	Name of the Journal/	Volume	Year	ISBN/DOI	Page
		Magazine		(2015-16)		No.
Dr. Milan Rani	Purvottar Bharat ke Muhavare,	Purvottar Rajyon ka	-	2015	978-93-	28-32
Jamatia	Kahavaten evam Lokoktiyan:	Lok-Sahitya			81829-07-3	
	Kokborok Bhasha ke Sandarbh					
	me					
Dr. Milan Rani	Kokborok Lok kathaon me	Bhartiya Sahitya me	-	2015	978-81-	77-80
Jamatia	Shaurya Bhav	Shaurya Bhav			92857-7-8-	
					7	
Dr. Milan Rani	Kokborok Lokoktiyon me	Bhartiya Sahitya me	-	2016	978-81-	95-98
Jamatia	Manushya ke Charitra evam	Lokoktiyan aur			92857-7-9-	
	Pashuvon ke Gun-Dosh	Muhavare			4	
Dr. Milan Rani	Tripura ki Janajatiyon me	Shivobhutva Shivam	-	2016	-	61-63
Jamatia	Shaiv Sanskriti	Yajet				

## 5. Details of publications not reported in category 4:

### 5.1. Books:

All Authors in sequence	Title	Publishers	Year (2015-16)	ISBN
Dr. Milan Rani Jamatia (As one of the Resource Person)	Contribution to Prepared Hindi Kokborok Adhyeta Kosh (Hindi Kokborok Learner's Dictionary)	Kendriya Hindi Sansthan, Agra	2015	-

6. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/	Date	Organized by	Title of the paper presented
	Workshop attended			
Dr. Jai Kaushal	Two day National Seminar	18 <sup>th-</sup> 19 <sup>th</sup>	Dept of Hindi, TU&	'Lok-Sahityaka Sankalantatha
	on 'LokaurLokkaSwar'	March,	KHS, Shillong	Sanrakshan : Prikriya
		2016		evamChunautiyan'
Dr. Jai Kaushal	Two day National Seminar	02nd -03rd	Kamala Nehru	`Bharatiya Cinema mein Dalit Stree
	on `BharatiyaSahityamein	November,	College, University	
	Dalit Stree'	2015	of Delhi, Delhi	
Dr. Milan Rani	Purvottar ki Bhasha,	7 <sup>th</sup> -9 <sup>th</sup>	Mahatma Gandhi	Purvottar ka Bhashik Paridrishya
Jamatia	Sanskriti aur Samaj: Ek	August,	Antarrashtriya Hindi	
	Antaranushasanik Sanvad	2015	Vishvavidyalay,	
			Kolkata Centre-	
		and ard	700017	
Dr. Milan Rani	Hindi aur Purvottar ki	2 <sup>nd</sup> -3 <sup>rd</sup>	Purvottar Shikshan	Tripura me Janajatiya Chetana ka
Jamatia	pramukh Bhashayen	February,	Samagri Nirman	Upnyas: `Hachuk Khurivo'
		2016	Vibhag, Kendriya	
			Hindi Sansthan,	
D. M'1 D'	A.I. C.I. C.I.	14 <sup>th</sup> -15 <sup>th</sup>	MHRD, Agra	D
Dr. Milan Rani	Adivasi Sahitya aur		Dept. of Hindi,	Purvottar ka Adivasi Sahitya:
Jamatia	Purvottar,	April, 2016	Mizoram University, Aizawl, Mizoram	'Khong' (Lakshman Rekha)
Dr. Milan Rani	Hindi Aur Purvottar ki	14 <sup>th</sup> -15 <sup>th</sup>	, , , , , , , , , , , , , , , , , , , ,	Upanyas ke Sandarbh me Hindi evam Kokborok ka
Jamatia	Bhashaon ka Antarsambandh	May, 2016	Surya Sansthan, Noida, Delhi and	Antarsambandh
Jamana	Bhashaon ka Ahtarsambahdh	May, 2010	Kendriya Hindi	Antarsambandii
			Nideshaalay,	
			MHRD, Delhi at	
			Guwahati	
Dr. Milan Rani	Participated in6th day	13 <sup>th</sup> to 18 <sup>th</sup>	Organized by	As one of the Resource Person
Jamatia	National Workshop on	March,	Kendriya Hindi	
	`Kokborok Lok-Sahitya	2016	Sansthan, Agra	
	Sangrah evam Anuvad			
	Pariyojna'			

7. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

7. III TICCA TAINS DOI	7. Invited Takes Benvered by Idealty, Guest Lacarty in any Consequent, Benninar, Workshop, Bunning of Whiter Benoof etc.								
Name	Place	Date	Organization	Title of Invited talk					
Dr. Jai Kaushal	Agartala	5 <sup>th</sup> Dec, 2015	Dept of Hindi, Women's	'Hindi mein Bangla					
			College	Sahitya'					
Dr. Jai Kaushal	Wardha, Maharashtra	22 <sup>nd</sup> Feb, 2016	ASF, MGAHV,	'Aajka Samayaur					
				Ravidaski Vaichariki'					
Dr. Milan Rani	Agartala	March, 2016	Dept. of Hindi, Ramthakur	Tripura me Hindi ki					
Jamatia			College, Agartala	Dasha evam Dish					

3. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/ Theses
			submitted/ Awarded
Ms. SimaDebbarma	Kanhaiyalal Nandanke Bal-Sahityaka	Dr. Vinod Kr.	Theses submitted
	Vishleshanatmak Adhyayan	Mishra	
Ms. Nabina Chakma	Hindi evam Chakma Lokgitonka Tulnatmak	Dr. Vinod Kr.	Theses submitted
	Adhyayan	Mishra	
Ms. Nukphangti	Nasira Sharma ke Katha Sahitya me Abhivyakt	Dr. Milan Rani	Theses submitted
Jamatia	Samajik Chetana	Jamatia	

### 9. Outreach Footprint of the Department:

9. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

S1.	Date	Duration	Title	No. of
No.				Participants
1	05 <sup>th</sup> -12 <sup>th</sup> October,	08 Days	Hinditar Bhashi Hindi Navlekhak Shivir (National Workshop)	35
	2015			
2	3 <sup>rd</sup> - 4 <sup>th</sup> March, 2016	02 Days	Purvottar Bharat ka Katha Sahitya (National Seminar)	85
3	23 <sup>rd</sup> August 2015	01 Day	Tulsi: Kal, Aaj aur Kal (Talk)	20
		-	Delivered by Prof. Chandrakala Pandey, Kolkata University	
4	28 <sup>th</sup> August 2015	01 Day	(a) Mohan Rakesh ki Prasangikta (Talk) Prof. Devraj, MGAHV,	20
			Wardha	
			(b) Rajendra Yadav: Ek Apratim Vyaktitva (Talk) Delivered by	
			Prof. Kumar Pankaj, BHU, Varanasi& Prof K.M. Jha, Assam	
			University, silchar	
5	20 <sup>th</sup> January, 2016	01 Day	Pragatishil Alochana (Talk) Delivered by Prof. S.P. Singh Chauhan,	20
			Assam University, Silchar	

9. B. Participation in E-Content creation programmes such as e-PG Pathshala, NME-ICT, MOOCs:

Sl.	Faculty Names	Title of E-Content	No. of Hours	Available
No.				or Not
1	Dr. Jai Kaushal	1857 ki Krantiaur Lok-Sahitya	1 hour	Yes
2	Dr. Jai Kaushal	Bhikhari Thakur Evam Unake Lok-Natya	1 hour	Yes
3	Dr. Jai Kaushal	Bhojpuri Lokgeet : Samaj Aur Sanskriti	1 hour	Yes
4	Dr. Jai Kaushal	Janandolanon Mein Lok-Sahityaki Bhumika	1 hour	Yes
5	Dr. Jai Kaushal	Lok-kathayen : Lok-vishwas Aur Updeshatmakata	1 hour	Yes
6	Dr. Jai Kaushal	Lok-Sahityaka Sankalan Evm Sanrakshan : Prakriya Evam Chunautiyan	1 hour	Yes
7	Dr. Jai Kaushal	Lok-Sahitya, Lok-Kalayen Evam Adhunik Kala-Madhyam	1 hour	Yes
8	Dr. Jai Kaushal	Lok-Natya Shailiyan : Parampara Aur Adhinikta	1 hour	Yes
9	Dr. Jai Kaushal	Lok-Natyon Mein Pratirodhke Swar	1 hour	Yes
10	Dr. Jai Kaushal	Lok-NatyaShailiyan : Ramlila AurRaslila	1 hour	Yes

9. C. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Jai Kaushal	Bharatiya Hindi Parishad, Allahabad	Life member,
	Estd:1942 Registration No1944-47	Membership No-1256
Dr. Milan Rani Jamatia	Kokborok Hukuku (Kokborok Sahitya Sansad)	Life Member, Since 2011
Dr. Milan Rani Jamatia	GIAC (NER) of CIIL, Mysore,	Member, w.e.f. April 2016

9. D. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Jai Kaushal	Refresher Course	Mahamana Madam Mohan Malviya Siksha Mission,	14 <sup>th</sup> Days	16 <sup>th</sup> to 29 <sup>th</sup>
		MGAHV, Wardha, Maharashtra - 442005		February, 2016

#### 10. Major thrust area of research:

- Comparative Literature
- Translation
- Folklore
- Creative writing
- Media Studies

### 11. New initiatives/Innovations:

- To establish a Seminar Room, Departmental Library & Computer Laboratory for enhancing ICT skills for the students and research scholars.
- To develop Virtual/Smart class room & Video Lectures from E-Learning course developed by the Department.
- To bring more Research Projects from various funding agencies such as UGC, ICSSR etc. in near future.
- To ensure interdisciplinary teaching –learning activity for the students of Hindi. The department is planning to sign some MOUs with Media Houses, institutes of similar interest in research and development.

• To start Job oriented programmes.

12. On-going Research Projects in 2015-16:

12. on going 1.	escaren i rojecti	, m = 0 10 10				
Principal		Funding	Title of the project	Total	Grant	Tenure
Investigator	Co-	Agency		Grant	received	
	Investigator			(Rs. in	during	
				Lakhs)	the year	
Dr. Milan	Mr.	TRI,	"Mapping with respect to Jamatia tribes in	6 Lakhs	Nil	6 <sup>th</sup>
Rani Jamatia	Bishwajit	Govt. of	Tripura-focusing on habitats, resource,			Months
	Jamatia	Tripura,	resource based livelihood pattern, issue of			
		Agartala	land alienation & displacement, health,			
			education and housing status etc"			

13. Awards/Medals/Honours received by the Teachers during the academic year 2015-16:

Name of Teacher	Name of Awards/Medals/Honours	Date of	Awarding	Remarks
		Awards/Medals/Honours	Agency/Institution	
Dr. Jai Kaushal	II Position in International Hindi	14 <sup>th</sup> January, 2016	World Hindi Secretariat,	
	Essay Competition-2015		Mauritius	

14. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

4. No of students quantified in various public examinations in the Academic year 2013-10 from the Department.															
Name of Examinations	Total			Gen		OBC		SC		ST		PH (C Total)		Mino	rity
Nar	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

15. Details of Student's Placement known to the Department:

Name	Sex	Category	Name of the Organization/	Designation	Examination	Name of the
	M/F	(GEN/	Dept.		Body	Examination
		ST/SC/	_		-	
		OBC/MIN)				
		[give				
		asterisk *				
		for PwD]				
Ms. Nukphangti Jamatia	F	ST	Eklavya School,	PGT	-	-
			Birchandramanu, South Tripura			
Ms. Sima Debbarma	F	ST	Auxilium School, Agartala	PGT	-	-
Ms. Nabina Chakma	F	ST	Auxilium School, Agartala	PGT	-	-

#### DEPARTMENT OF HISTORY

Head of the Department : **Prof. Sukendu Debbarma** 

Year of Establishment : 1977

Programmes on offer : **IMD, M.A., Ph.D.**Intake capacity : **IMD -20, M. A. -80** 

#### Major achievements/ Vision of the Department:

The Post-graduate classes in History first started in March 1976 in the P. G. Wing of MBB College, Agartala. The Calcutta University Post Graduate Study Centre (CUPG Centre) came into being in 1977, with a single student in the Department of History. In 1987 CUPG centre was converted into Tripura University. At first, the Department of History was known as the Department of Modern History under Calcutta University. Later on, with the establishment of Tripura University on 2nd October, 1987, the Department was renamed as the Department of History with its own syllabus. In 1997, the Department revised its syllabus with Part-I & Part-II system. In 2004, the syllabus was further revised as per UGC guidelines with unit system. And after conversion to Central University, a semester system was introduced in the Department from the academic session 2008. The Department endeavours and organize Seminars / Workshops / Popular lectures etc,. The faculty members and research scholars of the department are engaged in various research activities. Students who are particularly interested in teaching and research are encouraged to prepare for UGC- NET exam as well as SLET. The department is planning to apply for the UGC SAP as part of the major research thrust in history to promote research in the department. At present the Department has 8 (eight) regular Faculty members and 01 (one) non-teaching staff.

#### 1. Fulltime Faculty Members:

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLETetc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Prof. Satyadeo Poddar	M. A., Ph.D.	Professor	Modern India/ Gandhi	Modern India	26	06
Prof. Sukhendu Debbarma	MA, (UGC- NET- JRF),M.Phil, B.Ed, Ph.D.	Professor	Modern India/ History of Northeast India	Modern India/ History of Northeast India	21	03
Sri Francis U. Hrangkhawl	M. A.(UGC- NET), B.Ed. M. Ed (UGC- NET), LLB,	Assistant Professor	Ancient India/ History of Northeast India	History of Northeast India	13	-
Dr. Monisankar Misra	M. A., (SLET), Ph.D.	Assistant Professor	Feudalism, Society & Economy of Modern India, China, Emergence of Modern Europe, North East India, South East Asia	Modern India	12	04
Sri. Lincoln Reang	MA,(SLET), B.Ed,	Assistant Professor	Modern India/ European History/ History of Northeast India	History of Northeast India	09	-
Dr. Nishikant Kolge	M. A., (UGC NET – JRF), Ph.D.	Assistant Professor	Historiography and Ancient India	Gandhi and National Movement	06	04
Smt. Roshani Rai	M. A., (UGC- NET)	Assistant Professor	-	-	06	-
Dr. Bidisha Dhar	M. A.(UGC- NET), Ph.D.	Assistant Professor	Feudalism, Society & Economy of Modern India, China, Emergence of Modern Europe, North East India, South East	Labor Movement	-	-

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

2.1. Publications in peer reviewed Journals published in India (National):

	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			,	
All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page
		Journal/ Magazine		(2015-16)		No.
Nishikant Kolge	Ambedkar: The Philosopher	Dialogue	Vol 17 No.3	2016	0973-0095	81-90
& Biplab Debnat						
Nishikant Kolge	Was Gandhi a Racist: His	EPW	Vol. 51 No. 5	2016	2349-8846	88-93
	Writings in South Africa					

3. Details of publications not reported in category 2:

3.1. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

All Authors	Title	Name of the Journal/	Volume	Year	ISBN/DOI	Page
		Magazine		(2015-16)		No.
Nishikant Kolge	Re-reading Hind Swaraj	Proceedings of International	-	2016	978-93-	193-
	for the Contemporary	Conference on Gandhi and			84224-47-9	203
	World	the Contemporary World				

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

	stitutions/Agencies other than Tripu			1
Name	Conference/ Seminar/ Workshop	Date	Organized by	Title of the paper
	attended			presented
Prof. Sukhendu	36 <sup>th</sup> Annual Conference of North	18- 20	Department of History,	Princely Tripura and
Debbarma	East India History Association	November, 2015	Mizoram university	World Wars: A
				Historical Analysis
	Colloquium for Historians from	28 <sup>th</sup> September,	Jamia Millia IsIamia,	Participated
	North East History	2015	New Delhi	
	Colloquium on "Orthography	8 <sup>th</sup> September,	CIIL, Mysore	Presented
	and Literacy	2015		
Dr. Nishikant	International Conference on	24-25 February,	Gandhi Study Circle,	Re-reading Hind Swaraj
Kolge	'Gandhi and the Contemporary	2016	Zakir Husain Delhi	for the Contemporary
	World'		College	World
	International Conference on 'The	14-15 March,	IIAS, Shimla	Was Gandhi a Racist:
	Making of Gandhi: The South	2016		His writings in South
	African Experiment'			Africa
	International Convention:	18- 22 January,	GITAM University,	Gandhi's Moral
	Gandhirama-2016	2016	Visakhapatnam	Revolution
Dr. Monisankar	Two Days international seminar	5-6 April,2016	Department of Bengali,	Reflection of Partition in
Misra	on 'One Hundred and Fifty		Govt. Degree College,	Literature of Tripura
	Years of Bengali Kathasahitya'		Kamalpur, Tripura	with Historical Context
	Two days international seminar	5-6 March,2016	Institute of Advanced	Tribal Students and their
	on 'Educating Tribal Children:		Studies, Kunjaban and	activities for spreading
	Issues and Remedies with		sponsored by Tribal	Education in 1940's
	Special Reference to Tripura'		Research and Cultural	Tripura
	-		Institute, Agartala	_

7. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Orientation Programme/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Prof. Sukhendu	HRDC, Mizoram	20 <sup>th</sup> November,	HRDC, Mizoram	Situating the North-East
Debbarma	University	2015	University	
Dr. Nishikant	Sri. Panchakanya	20 <sup>th</sup> March,	Institute of Gandhian	Gandhian Economic
Kolge	Ashram, Guwahati	2016	Studies, Wardha	
Prof. Satyadeo	Directorate of	17 <sup>th</sup> January,	Directorate of	Women's rights in North East
Poddar	Distance Education,	2016	Distance Education,	India
	Tripura University		Tripura University	
	Holy Cross College,	27 <sup>th</sup> -28 <sup>th</sup>	Holy Cross College,	Current Trends of Development in
	Agartala	February, 2016	Agartala	Communication, Innovation and
				Creativity in India
	Department of	16 <sup>th</sup> -18 <sup>th</sup>	Department of	KeyNote Address on Texts,
	Sanskrit, Tripura	March, 2016	Sanskrit, Tripura	Manuscripts and Oral Traditions of
	University		University in	Tripura

			collaboration with IGNCA, New Delhi	
	Government Girls' College, Mirza,	30 <sup>th</sup> June-1 <sup>st</sup> July, 2016	Government Girls' College, Mirza,	Keynote Address on Role of Neo- Vaishnavism in the Bhakti
	Assam		Assam in collaboration with Kamrup Anusandhan Samity	Movement in India
Dr. Monisankar Misra	Ramthakur College, Agartala	15-03-2016	Ramthakur College, Agartala	Invited lecture on Indian Feudalism in the light of European Feudalism
	Department of History, TU	7-9 April, 2016	Workshop on 'Life and Thought of Gandhi'	Invited talk on Gandhi and North East India

8. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

. This, sending registered, theses such motes with dead during the deadernie jeur 2010-10.									
Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded						
Jyotirmoy Chakma	The Chakmas of Mizoram: A	Prof. Sukhendu	Thesis submitted						
	Historical Study (1856-1992)	Debbarma							

9. Outreach Footprint of the Department:

9. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of Participants
No.				
1.	7 <sup>th</sup> to 9 <sup>th</sup> April, 2016	3 days	Life and Thought of Gandhi	80

10. Major thrust area of research: History of Tripura, Gandhi and National Movement, State formation, Students Movement in Tripura, History of north-East Indian

11. On-going Research Projects in 2015-16:

Principal	Co-	Funding Agency	Title of the	Total Grant	Grant received	Tenure
Investigator	Investigator		project	(Rs. in Lakhs)	during the year	
Prof.	-	Indian Council of	Second World	5.00 Lakhs	2,37,500/-	One Year
Sukhendu		Historical Research,	War and Tripura			
Debbarma		New Delhi				

12. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

12. 110 01 Student	2. 110 of students quantied in various public examinations in the readenine year 2015 10 from the Department.														
of	Total		Gen	Gen OBC			SC		ST		PH (Out of Total)		Minor	rity	
Name c		1	T		T		T		I		I	,			
Name of Examinations	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	6	2	8	1	-	3	1	1	1	1	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

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#### DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

Head of the Department : Dr. Deepak Upadhyaya

Year of Establishment : 2009

Programmes on offer : MA IN Journalism and Mass Communication

Intake capacity : 25

#### Major Achievements/ Vision of the Department:

The Department emphasizes research and documentation of Art and Culture of the untapped territory of this region both in Print as well as Video Production. Seven years of existence may be a small period in the life of an academic department, nevertheless, the Department of Journalism and Mass Communication, Tripura University has been striving to contribute in the domain of knowledge and fill the existing gap in the skilled-trained manpower for the media profession in the State. With our course curriculum, hands—on—experience and exposure to the profession we are sure the relevance of our Deptt will definitely to add to the growing demand in the sunrise sector of media boom in the national scenario. The Department will emerge as a nodal institution in the NE India to tap the creative potentialities of the students which will have a skilled based employability quotient in the fast shrinking job market scenario of the country.

# 1. Fulltime Faculty Members

Name	Qualification (PG/M.Phil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Deepak Upadhyaya	M.A., Ph.D, NET	Assistant Professor	Communication For Development, Advertising and Public Relations, Media Laws and Ethics, Communication Research, Print Media, Folk Media	Social Media Addiction	6 Years	-
Sunil Kalai	M.A., NET	Assistant Professor	Electronic Media, Video Production and Editing Communication, Video Production Outdoor, Folk Media, Principles of Communication, Media Literacy	Cinema and Culture	6 Years	-
R. Lilabati Debi	M.A., NET	Assistant Professor (On Lien)	-	-	-	-

#### 2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/Mphil/ Ph.D/NET, SLET etc.)	Courses Taught in 2015-16	Research area/ interest	No. of years of teaching experience	No. of years of research experience
Sri Nirupam Nath	NET	Advertising Theory, Electronic Media, Basics of Journalism, New Media, Video Production Outdoor, Culture and Communication, Principles of Communication	New Media, Development Communicatio n and Film Studies	One year	-
Ms.Neelam Devi	NET	Writing for Media, Principles of Photography, Print Media, Public Relations, Video Production Outdoor, Folk Media	Folk Media, Participatory Research, Film Studies	4 years in Corporate and 3 and half years in teaching	-

3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura	Institution affiliated with now/previously (if
Turre	University	retired)
Sri P. Sainath	The Predicament of the Rural: Journalism from Below.	Raman Magsaysay Award Winning journalist.
Sri Joshy Joseph	Workshop on Documentary Film Making and Editing	Director, Films Division, Eastern Regional Office, Kolkata
Prof. B. Diwakar	Film Appreciation	Jamia Millia Islami, New Delhi
Sri Rahul Jain	Documentary Film Making in the North East	Secretary, North East Film and Cultural Society
Sri Sudipta Sengupta	Television Journalism.	Adviser, former correspondent of a TV News Channel "24 Ghanta", Kolkata
Sri Debanjan Chakraborty	Emerging Issues in Global Journalism	Director, Press Information Bureau, Kolkata
Dr. Abhijit Bora	Editing for Print Media.	H.O.D, Department of Mass Communication and Journalism, Tezpur University.
Sri Charvak	Documentary Film Making and Issues of Post- Production.	Associate Professor, Department of Mass Communication, Assam University.
Prof. Tapati Basu	Issues of Cross Media Ownership	Deptt of Journalism and Mass Communication, Calcutta University
Prof. Saumendranath Bera	Issues of Journalism at Cross Roads	Deptt of Journalism and Mass Communication, Calcutta University, Editor, Global Media Journal, Indian Edition.
Prof. K.V. Nagaraj	History and Development of Journalism	Former Pro Vice Chancellor, Assam University and currently, Professor in the Deptt of Mass Communication, Mizoram University.
Prof. Ravi Chaturvedi	Communication and Rasa Theory- a comparative analysis, Traditional Media.	Formerly Rajastah Central University, Dept of JMC. Presently, Dean School of Media Studies, Manipal University, Jaipur.
Dr. P.J. Martin Mathew	Media and Accessibility	Ali Yavar Jung National Institute of Hearing Handicapped, Mumbai

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

4.1. Publications in peer reviewed Journals published in India (National):

	1					
All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page
		Journal/ Magazine		(2015-16)		No.
Sri Sunil	Society Through The Lenses: Visual	Global Media	Vol. 6	2015	2249 –	Pp:1-20
Kalai	Representations Of The Kalai Tribe	Journal – Indian			5835	
	From Tripura, Northeast India	Edition				

5. Details of publications not reported in category 4:

5.1. Papers in peer reviewed journals published in India:

All	Title of the Chapter	Editors	Name of	Publishers	Year	ISSN/	Page
Authors			theJournal		(2015-16)	DOI	No.
Dr.	Human Rights and	Dr. Pawan K.	Pragyaan:	IMS Unison	Vol. 13,	0974-	Pp:
Deepak	Right to Expression	Aggarwal (Chief	Journal of Mass	University,	Issue-	5521	47-
Upadhyaya	in Mass Media in	Editor)	Communication	Dehradun.	2,December		54
	The Present Times.	Associate Pro-			2015		
		Vice Chancellor					
		IMS Unison					
		University,					
		Dehradun.					
Dr.	Level of	Dr. Sumit Narula	Journal Of	Amity School of	Vol. 2,	ISSN	Pp:
Deepak	understanding of	(Chief Editor,	Content,	Communication,	Year 1, Dec	2395-	35-
Upadhyaya	different issues of	JCCC) Amity	Community &	Amity	- 2015	7514	44
	climate change and	University	Communication	University			
	behavioural	Madhya		Madhya			
	intentions of the	Pradesh,		Pradesh,			
	post-graduate	Gwalior-474005		Gwalior			
	students of Agartala						
	to mitigate it: A						
	survey study						

6. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr. Deepak Upadhyaya (co-author with Shivjyoti Das Barua)	"National Seminar on Current Trends of Development in Communication, Innovation and Creativity in India"	27 and 28 February 2016	Holy Cross College, Agartala	Social Media as a Voice of the People or Propagandist
Dr. Deepak Upadhyaya (Co- author with Ms. Saslang Jamatia)	"National Seminar on Current Trends of Development in Communication, Innovation and Creativity in India"	27 and 28 February 2016	Holy Cross College, Agartala	Usage and Gratification of Facebook as a Tool of Communication by the Post – Graduate Students of Tripura University

7. Outreach Footprint of the Department:
Documentary film production on indigenous folk tales of the state.

7. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

S1.	Date	Duration	Title	No. of
No.				Participants
1	08.08.15	One day	A Special Lecture on Journalism at Cross Roads by Prof. Saumendra Nath	25
			Bera, Department of Journalism and Mass Communication, Calcutta	
			University.	
2	17.08.15	Two Day	Two Day Documentary Film Festival organized by JMC Department, TU in	100
	and		collaboration with Film and Cultural Society of North East, Indira Gandhi	
	18.08.15		Centre for the Arts, Indian Documentary Producers Association, and Goethe	
			Institut.	
3	19.08.15	Two day	Special Lectures on TV Journalism by Sri Sudipto Sengupta, Advisor and	30
	and		Consultant, 24 Ghanta NewsChannel, Kolkata.	
	20.08.15			
4	23.09.15	One Day	Special Lecture on Emerging Issues of Media Laws and Ethics by Sri	60
			Debanjan Chakraborty, Director, Press Information Bureau Kolkata.	
5	29.09.15	Two Day	Special lecture on history and development of journalism in India by Prof.	30
	and		K.V.Nagaraj, Mizoram University	
	30.09.15			
6	11.03.16	One Day	Media Academia Interface was organized with all the Editors of Press and	30
			Electronic Media of Tripura.	
7	18.03.16	One Day	Special Media Academia Interface lectureprogramme by Sri Subal Dey,	25
			Editor Syandan Patrika on the topic-"Media and Journalism as a tool in	
			Development Communication.	
8	08.04.16	One Day	Special Media Academia Interface lecture programme by Smt. Paromita	25
			Livingstone, Managing Editor, Dainik Sambad on the topic—"Communication	
			and Social Media in present times.	
9	08.04.16	One Day	Special Lecture on Communication and Rasa Theory- a Comparative Analysis	25
			by Prof. Ravi Chaturvedi, Dean School of Media Studies, Manipal University,	
			Jaipur.	
10	15.04.16	One day	Special Media Academia Interface lecture Programme by Sri Pradip Dutta	25
			Bhowmik, Editor, Dainik Sambad on the topic-Newspaper Management and	
			its different issues.	

7. B. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of
		Membership
Dr. Deepak Upadhyaya	Media Wing Rajyoga Education and Research Foundation, Rajasthan	Life Member
Sri Sunil Kalai	Economic Science Society of Tripura (ESSOT)	Life Member
Sri Sunil Kalai	The Asian Media Information and Communication Center(AMIC), Singapore	Life Member

8. Major thrust area of research: Participatory documentary film production, Communication for social development and changes, New Media. The Department emphasizes research activities and documentation of Art and Culture of the untapped territory of this region both in Print as well as Video Production.

#### 9. New initiatives/Innovations:

10. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
2	1	1

### 10. B. Major Instruments available in the Department:

- Sony Digital HD Video Camera Recorder with (Model- HVR-Z5P) accessories
- I Mac 21.5 inch (Model: MF086)
- Mac Pro (Model: ME 253HN/A)
- Cannon DSLR EOS 7D
- Lens EF -570-300 MM
- Lens 18-135 MM
- Canon EOS 50 D+ Lens EF 14 MM
- Lens EF-570-300 MM
- Sony Camera DCR SD 1000E
- Tripod SLIK OPTO
- Tripod Unit for Camcorder (Manufactured by : Manfrotto, Model: 701HDV, 547B)
- Info Lithium battery for 6 hrs. back up (Manufactured by Sony, Model: NP-F970)
- Memory Recording Unit (Widely available standard CF card is used for HDV, DV CAM, DV file Recording) (Manufactured by: Sony, Model: HVR-MRC1K)
- Carrying case for Camcorder
- Ahuja 14 Channel Digital Sound Mixer (Model: AMX-1412)
- Ahuja Sound Monitor (Model: SRM 120)
- Ahuja Condenser Microphone (Model: CUM 450)
- Ahuja Dynamic Microphone (Model: PRO 3200)
- Ahuja Omni Directional Microphone (Model: SHM-1000 DR)

11. On-going Research Projects in 2015-16:

Principal	Со-	Funding Agency	Title of the project	Total Grant	Grant received	Tenure
Investigator	Investigator			(Rs. In Lakhs)	during the year	
Sri Sunil	-	ICSSR	A study on Socio-economic Issues	Rs.8,00000.00	3,20000.00	2 years
Kalai			and Challenges of the Kalai Tribe in	(Eight Lakhs only)	(Three Lakhs	
			Tripura"		Twenty	
					Thousand only)	
Sri Sunil	Dr. Jayanta	Tribal Research	Production of Full Length Film on	Rs.20,00000.00	4,00000.00	2 years
Kalai	Choudhury	And Cultural	3(Three) nos of Selected Tribal	(Twenty Lakhs	(Four Lakhs	_
		Institution,	Based Folk Tales of Tripura.	only)	only)	
		Govt. of Tripura	•		•	
Dr. Deepak	-	ICSSR	Digitally Enabled or Digitally	Rs.10,00000.00	4,00000.00	2 years
Upadhyaya			Addicted Youths? A study of	(Ten Lakhs only)	(Four Lakhs	
			addiction to social media among the	-	only)	
			educated youths of Tripura, India			

12. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

2. 110 01 stude		100 111 1	urrous pue.											3.6	•
of ions	Total			Gen		OBC		SC		ST		PH (C	Out of )	Mino	rıty
Name of aminatio							1					ĺ	,		,
Name of Examinations	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	1	1	-	-	-	-	-	-	-	1	-	-	-	-
SLET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	4	1	5	4	1	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

13. Details of Student's Placement known to the Department:

13. Details of Student's 1					1	T
Name	Sex M/F	Category (GEN/ ST/SC/ OBC/ MIN) [give asterisk * for PwD]	Name of the Organization/Dept.	Designation	Examination Body	Name of the Examination
Ms. Elizabeth Kalai	F	ST	Information and Cultural Affairs, Dept. Govt. Tripura	Officer	TPSC	-
Sri Biswendu Bhattacharjee	M	Gen	Times of India	Correspondent	-	-
Sri Chinmoy Acharjee	M	Gen	Dainik Sambad	Correspondent	-	-
Sri Kalyan Suklabaidya	M	SC	Daily Desher Katha	Correspondent	-	-
Sri Pritam Chakraborty	M	Gen	B.VOC Film and Video Production Course, TU	Technical Assistant	-	-
Sri Tanmoy Chakraborty	M	Gen	ETV News Bangla	Correspondent	-	-
Sri Joytirmoy Das	M	Gen	Govt. of Tripura	Auditor, AG Office	-	-
Mrs. Sangeeta Purkayastha	F	Gen	Tripurainfoway	Correspondent	-	-
Mr. Joel Darlong	M	ST	St. Paul's School	Teacher	-	-
Sri Abhijit Nath	M	OBC	Tripura Observer	Correspondent	-	-
Ms. Moumita Gope	F	SC	NRHM	Sub divisional Media Expert	-	-
Ms. Nandita Bhattacharjee	F	Gen	AGMC Project	Project Fellow	-	-
Ms. Amrita Chakraborty	F	Gen	Tripura Natural Gas Company Ltd	PR Executive	-	-
Sri Nabendu Bhattacharjee	M	Gen	Syandan Patrika	Correspondent	-	-
Sri Deepak Debbarma	M	Gen	Doordarshan Kendra Agartala	News Reader	-	-
Sri Sanjay Chettry	M	ST	Khumlwang College	Guest Teacher	-	-
Sri Swagata Bhattacharjee	F	Gen	Shristee Tripura	Anchor	-	-
Sri Antara Dutta	F	Gen	All India Radio, Agartala	Radio Jockey	-	-
Sri Nirupam Nath	M	Gen	JMC Dept., TU	Guest Faculty	-	-
Sri Sujit Debnath	M	OBC	Govt. of Tripura	Teacher	-	-
Sri Jayanta Das	M	OBC	Govt. of Tripura	Teacher	-	-
Sri Bablu Das	M	OBC	Govt. of Tripura	Teacher	-	-
Ms. Sutapa Guha	F	Gen	Headlines Tripura	Anchor and News Reader	-	-
Mr. Debraj Deb	M	Gen	ISCCR Project	Research Associate	-	-
Ms. Sainy Roy	F	SC	Tripura Natural Gas Company Ltd	PR Executive	-	-
Ms. Moutushi Chakraborty	F	Gen	Headlines Tripura	Correspondent	-	-
Ms. Saslang Jamatia	F	ST	ICSSR Project	Research Associate	-	-
Ms. Moutushi Das	F	SC	Tripura Natural Gas Company Ltd	PR Executive	-	-

#### DEPARTMENT OF KOKBOROK

Head of the Department : **Prof. Sukhendu Debbarma** 

Year of Establishment : 2015
Programmes on offer : MA
Intake capacity : 50

#### Major achievements/ Vision of the Department:

The Department of Kokborok started from the session 2015-16. The vision of the Department is to take up research on Kokborok language and literature andto document endangered languages of Tripura. The languages and literatures of other tribal languages of Tripura will also be given thrust. At the same timeto do comparative researchon Kokborok and sister languages such as Bodo, Garo, Dimasa, Rabha, Tiwa etc.The Department has the vision to start PhD programme from the session 2017-2018. The Department will initiateDepartmental literary Journal. The Department has a plan to organize seminars, workshops, symposiums and to conduct orientation programme for Kokborok teachers of schools and colleges. The Department has a vision to start collaborative research with many institutions and organizations such as CIIL, TRI, UGC etc. The students are encouraged and motivated to carry out research on Kokborok language, literature etc.

1. Fulltime Faculty Members

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Name	Qualification	Designation	Courses taught in	Research area	No. of years	No. of
	(PG/MPhil/Ph.D		2015-16		of Teaching/	existing Ph.D.
	/NET, SLET				Research/	Scholars
	etc.)				job	under his/her
	,				experience	supervision
Mrs. Khumtia	MA-Hindi,	Assistant	Novel	Premchand/	10 Years	-
Debbarma	SLET	Professor		Kokborok		
				Literature		
Dr. Samir	MA-	Assistant	Introduction to	Tibeto-	Less than 1	-
Debbarma	Linguistics,UG	Professor	Kokborok Language,	Burman	Year	
	C-NET, PhD		Sino-Tibetan and	Languages		
			Tibeto-Burman			
			Languages,			
			Comparative study of			
			Bodo group,			
			Morphology & Syntax			
			Language &			
			Linguistics			

### 2. Guest Teachers/Contract Teachers:

Name	Qualification	Courses Taught in	Research area/interest	No. of years	No. of years
	(PG/MPhil/Ph.D/	2015-16		of teaching	of research
	NET, SLETetc.)			experience	experience
Sri Ratan	MA-Bengali, UGC-	Surya Puja	Literature of Tripura	10months	-
Debbarma	NET, SLET, PG	Khonaimani, Prose	/Kokborok Literature		
	Diploma in	Fiction, Sonnet, Novel			
	Kokborok				
Smt. Mery Rupini	MA-English, SLET,	Short Stories and	English and	6 months	-
	B.Ed, PG Diploma	Poems	Kokborok Literature		
	in Kokborok				

3. Visiting Teacher/ Visiting Fellow:

<u> </u>	Visiting 1 the VI	
Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with
		now/previously (if retired)
Sri Nanda Kumar	Written Literature (1971-1980), Written Literature (1951-1970), Written	Tripura University
Debbarma	Literature upto 1950	
	Oral Literature: Concept, meaning and importance, Jaduni, Drama	
Sri Biman	Introduction to Kokborok Language, Dialects of Kokborok and its	Tripura University
Debbarma	distribution, Semantics Language & Linguistics, Poems	· .

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4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr. Samir	9th International Conference of the	06/01/2016	Department of English and	Complementation in
Debbarma	North East Indian Linguistics		Foreign Languages, Tezpur	Kokborok
	Society (NEILS)		University.	

## 5. Outreach Footprint of the Department:

5.A. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership	
Dr. Samir Debbarma	Dravidian Linguistics Association Life Membership		
Dr. Samir Debbarma	Linguistic Society of India	Life Membership	

### DEPARTMENT OF LAW

Head of the Department : Prof. Satyadeo Poddar (Dean)

Head of the Department(I/C) : **Dr. Arobindo Mahato** 

Year of Establishment : 2011
Programmes on offer : LLM, PhD
Intake capacity : LLM (15)

### Major achievements/ Vision of the Department:

The Law Department was established as a Post Graduate Department w.e.f. from 2011. The Objectives of the Department are to Promote Legal Knowledge and to make Law and the Legal Process efficient instrument of social advancement in order to advance professional education and also to provide adequate orientation and training to Judicial Officers and Others who are involved in the Administration of Justice.

### 1. Fulltime Faculty Members

Name	Qualification	Designation	Courses taught in 2015-	Research	No. of years	No. of existing
	(PG/MPhil/		16	area	of Teaching/	Ph.D. Scholars
	Ph.D /NET,				Research/job	under his/her
	SLET etc)				experience	supervision
Dr. Praveen	Ph.D.	Asst.	Humanitarian Law,	Human	12	04
Mishra		Professor	Cyber Law,	Rights and		
		(On Lien)	Criminology,	Criminal		
				Law		
Dr. Prabhat	NET, Ph.D.	Asst.	Human Rights in India,	Patents	04	05
Kumar Saha		Professor	Judicial Process, Patent	Law		
		(On Lien)	Law, Constitutional Law			

#### 2. Guest Teachers/Contract Teachers:

Name	Qualification	Courses Taught in	Research area/interest	No. of years of	No. of years of
	(PG/MPhil/ Ph.D/	2015-16		teaching	research
	NET,SLET etc)			experience	experience
Jayanta Dhar	NET, Pursuing	Trade mark and	Human Rights,	2 years	2 years
	Ph.D. (Regd.)	Judicial Process	Humanitarian Law		
Ankur Sarkar	NET, Pursuing	Copy Rights and	Business Law, Family	6 months	2 and half years
	Ph.D. (Regd.)	Law	Law		
Khumtiya	NET, Pursuing	Legal Research	Human Rights	6 months	years
Debbarma	Ph.D. (Regd.)	Methodology			

## 3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura	Institution affiliated with now/previously
	University	(if retired)
Prof. B. N. Pandey	Intellectual Property Right	Banaras Hindu University

### 4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

## 4.1. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/	Page
		Magazine		(2015-16)	DOI	No.
Prabhat	Compulsory Licence for Diabetes	Economic and Political	51:2	2016	2349-	17-19
Kumar Saha	Drug: Legality of Lee Pharma's Application	Weekly			8846	
Prabhat	Decoding Local Working	Economic and Political	51:20	2016	2349-	44-47
Kumar Saha	Requirement: Natco Bayer Dispute	Weekly			8846	
Jayanta	Attributes of Gandhi in the	VSRD International	Vol-II	2016	2455-	5-10
Dhar	Welfare State Concept Within	Journal of Justice and			4057	
	Indian Constitution	Legal Studies				
Jayanta	Role Of Ideological and Legal	VSRD International	Vol-VI	2015	2319-	215-
Dhar	Enlightenment for Gender Justice	Journal of Technical and			2216	220
		Non-technical Research				
Jayanta	Concerns About Commercial	Asian Journal of	Vol-IV	2016	2348-	13-18
Dhar	Surrogacy	Multidisciplinary Studies			7186	
Ankur	The Genesis of Labour Migration	Asian Journal of	Vol-III	2015	2348-	167-
Sarkar	in India – with special reference to	Multidisciplinary Studies			7186	172
	State of Odisha					

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Ankur	Democratic India Waiting for a	VSRD International	Vol-I	2015	2455-	31-34
Sarkar	good Samaritan Law	Journal of Justice and			4057	
		Legal Studies				
Ankur	The Preamble to the Constitution	VSRD International	Vol-II	2016	2455-	31-33
Sarkar	contains in Itself its novel	Journal of Justice and			4057	
	aspiration	Legal Studies				
Ankur	Labour Migration in India and	Global Journal of	Vol-V	2016	2348-	1-14
Sarkar	awareness about their rights	Multidisciplinary Studies			0459	
Khumtiya	Protection of Land Rights of	VSRD International	Vol-II	2015	2455-	-
Debbarma	Indigenous Peoples in Tripura	Journal of Justice & Legal			4057	
		Studies				
Khumtiya	Vulnerability of Indigenous	International Journal of	Vol-III	2016	2348-	-
Debbarma	Women being Exposed to	Law and Legal			8212	
	Violence	Jurisprudence Studies				
Khumtiya	Defining Indigenous Peoples in	Journal of Legal Research	VolI	2016	ISSN	-
Debbarma	India	and Analysis			2454-	
		-			5120	

4.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the	Volume	Year	ISSN/ DOI	Page
		Journal/		(2015-16)		No.
		Magazine				
Jayanta Dhar	UNDRIP: Evolution of the International	Law Mantra	Vol-III	June 2016	2371-6417	-
-	Standard Setting					
Ankur Sarkar	The Fundamental Documents of the	Law Mantra	Vol-III	June 2016	2371-6417	-
	Company Under the Companies Act, 2013					
Khumtiya	Human Rights and Land Acquisition : A	Journal of	Vol.5	2015	2278-1455	
Debbarma	Case Study of North Joynagar Village in	North East			2277-6869	
	Tripura	India Studies				
Khumtiya	Empirical Research the Best Legal	Indore Institute	Vol.3	2016	ISSN	
Debbarma	Approach for participatory form of	of Law			24552488	
	Research					
Khumtiya	Forest and Rights of Indigenous peoples	Tui	Vol.XIX	2015	2319-7382	
Debbarma		A Journal on				
		Tribal Life &				
		Culture				

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Jayanta Dhar	Educating Tribal Children: Issues and Remedies With Special	05 <sup>th</sup> -06 <sup>th</sup> , March	Institute of Advanced Studies in Education,	Language Right and Primary Education: A Pragmatic Paradox
Dia	Reference to Tripura (National Seminar)	2016	Kunjaban, Government of Tripura	Education: 711 ragmane 1 aradox
Jayanta	Empowering Women to Lead	$23^{rd} - 24^{th}$	The ICFAI University,	ART of Redefining Parent:
Dhar	Change	June, 2016	Tripura	Surrogacy Arrangement and Women empowerment
Ankur	Educating Tribal Children: Issues	05 <sup>th</sup> -06 <sup>th</sup>	Institute of Advanced	Tribal Right to Education: A
Sarkar	and Remedies With Special	March,	Studies in Education,	Holistic Dimension of Social
	Reference to Tripura (National Seminar)	2016	Kunjaban, Government of Tripura	Inclusion
Ankur	Empowering Women to Lead	$23^{rd} - 24^{th}$	The ICFAI University,	Empowerment of Women
Sarkar	Change	June,	Tripura	Migrant Workers: Protection of
		2016		Rights under International Perspective
Khumtiya	Empowering Women to Lead	$23^{rd} - 24^{th}$	The ICFAI University,	"Food and Agricultural
Debbarma	Change	June, 2016	Tripura	Organisation of United Nation and Shifting Cultivation: A Critical Analysis"

6. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Prabhat Kumar Saha	New Delhi	11/03/2016	MHRD IPR Chair & Faculty of Law,	Local Working Requirements of
			Delhi University	Patents in India

7. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Jayanta Dhar	Human Right Perspective of Surrogacy Arrangements: A Critical Study	Dr. Praveen Mishra	Registered
Amal Debnath	"Constraints in the Criminal Investigation and Evidencing of Fire Arm Injuries: A Study"	Dr. Praveen Mishra	Registered
Priyanka Bhowmik	Competition law under TRIPS agreement: Implications for developing Countries	Dr. Prabhat Kumar Saha	Registered
Bandita Sengupta	Local Working Requirements under the TRIPS Agreement: Implications for Developing Countries	Prabhat Kumar Saha	Registered
Sthiti Dasgupta	Indecent representation of women in Media: A Feminist Legal Analysis	Dr. Prabhat Kumar Saha	Registered
Aditi Mukharjee	Compulsory licensing of Patents: implications for Developing Countries	Dr. Prabhat Kumar Saha	Registered

8. Major thrust area of research: Intellectual Property Law, Human Rights, Constitutional Law, Criminal Law,

9. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

Su	Total		•	Gen		OBC		SC		ST		PH (C	Out of	Minor	rity
ne of inatio												Total)	)		
Name of Examinations	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	1	1	2	-	-	-	-	-	-	1	1	-	-	-	-
SLET	-	=	-	-	-	-	-	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	=	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	=	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\*Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

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#### DEPARTMENT OF MUSIC

Head of the Department : Dr. Utpal Biswas, Head (i/c)

Year of Establishment : 2009

Programmes on offer : MA in Music (Vocal) and Kathak Dance

Intake capacity : 26

#### Major achievements/ Vision of the Department:

The Department of Music of Tripura University is the only department in the entire NER of India which is offering P.G degrees in Music (Vocal) and Dance (Kathak). The department is connected to most of the prestigious Institutions of the country such as Delhi University, Benaras Hindu University, Rabindra Bharati University, Punjab University, Indira Kala Sangeet Biswavidyalaya etc in various areas of academics. The department strives to provide conducive atmosphere to both the performing artists and the researchers in Music. Workshops are regularly being held by some eminent artists and senior Professors of Music to impart advanced knowledge of Music to the students. The Department of Music, Tripura University will very soon be seen in the national cultural and Academic map with flying colours.

1. Fulltime Faculty Members :

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Utpal Biswas	Ph.D.	Assistant Professor	MA in MusicTheor y, Prac. & Ph. D Course work	Folk and Classical Music	6 years	3
Dr. Rabindra Bharali	Ph.D.	Assistant professor	M.A. in Music, Ph.D. Course work	Padavali Kirtan, Indian Classical raagas.	11years	4

### 2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLET etc.)	Courses Taught in 2015-16	Research area/interest	No. of years of teaching experience	No. of years of research experience
Dr. Debjyoti Laskar	Ph.D.	Kathak Dance	Kathak and Indian Folk Dance	1	1
Smt. Sampa Roy	PG with NET	Classical Vocal	Classical Vocal and Folk	1	-

3. Visiting Teacher/ Visiting Fellow:

**							
Name	Topics of courses/lectures taught in	Institution affiliated with now/previously					
	Tripura University	(if retired)					
Prof. Amita Dutta	Advanced study of Kathak Dance	Rabindra Bharati University, Kolkata					
Pt. Bhubnesh Komkali	Advanced study of Vocal (Classical)	Gwalior Gharana (Madhya Pradesh)					
Rashon Datuy	Advanced study of Kathak Dance	Gwalior Gharana (Madhya Pradesh)					

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr. Utpal Biswas	Conference on Human Resource	18 <sup>th</sup> and 19 <sup>th</sup> January 2016	UGC and Dept. of Economics, Dr. BSBA college Dongargaon	"Chattisgarh me palayan ki samshya"
Dr. Utpal Biswas	National Book Trust India	7 <sup>th</sup> to 14 <sup>th</sup> July, 2015	Tripura University	Workshop.
Dr. Utpal Biswas	Conference on Life and Thought of Gandhi	7 <sup>th</sup> to 9 <sup>th</sup> April 2016	Tripura University	Workshop

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Dr. Utpal Biswas	Conference on Ancient Indian Mathematics"	22 <sup>nd</sup> and 23 <sup>rd</sup> January 2016	UGC and Dept. of Mathematics, Dr. BSBA college Dongargaon	Ganit and sangit ki antarsamband
Dr Rabindra	Seminar	13 <sup>th</sup> and 14 <sup>th</sup>	Faculty of Music and Fine	Changing Scenario in
Bharali		march 2015	arts. University of Delhi	performance practices

5. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Dr Rabindra Bharali	Shillong	6/3/15	Dept. of music. St.	Nuances of Indian classical
			Anthonys College	music

6. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

. This solution registered in the sea such interest with a control of the sea sea sea sea sea sea sea sea sea se							
Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded				
Tama Debnath	A comparative study of Bengali padavali kirtan and Indian classical music	Dr Rabindra Bharali	Registered				

## 7. Outreach Footprint of the Department:

7. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Duration	Title	No. of Participants
1	11 <sup>th</sup> may to 17 <sup>th</sup> May 2016	7 days	Nuances of kathak dance	40

7. B. Membership in Professional / Learned Societies:

r		
Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr Rabindra Bharali	Eastern Zonal Cultural Centre, Ministry Of	Member of Programme committee,
	Culture, Govt. of India.	executive body and governing body.

7. C. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Utpal Biswas	Refresher Course	Allahabad University	21 Days	4 <sup>th</sup> January to 24 <sup>th</sup> January, 2016

#### DEPARTMENT OF PHILOSOPHY

Head of the Department : Prof. Aditya Kumar Mohanty

Year of Establishment : 1994

Programmes on offer : IMD, M.A. & Ph.D Intake capacity : MA-80, IMD-15

### Major achievements/ Vision of the Department:

Department of Philosophy started its journey under Tripura University in July, 1994 with the intake capacity of forty (40) having five (05) numbers of Guest teachers. Later on, it has been increased. The academic performances of the students are very good. More than 90% of the students come out successful in every academic year, out of which at least 30% securing 55% or above marks in their credit. 10 Ph.D scholars have been awarded Ph.D. degree and 14 scholars are presently carrying out their Ph.D. work in the department. 40 students have qualified themselves in UGC conducted NET examinations out of which 11 got JRF and two have received ICPR Junior Research Fellowship. At least 20 students have been selected and absorbed in Government Degree Colleges as Asst. Professors, through Tripura Public Service Commission. More than 100 PG degree holders of the Department have got government jobs in Education Department of Tripura Govt. The department has organised seminars, discussion, lectures on state, national and international levels individually and conjointly. Some of them are as follows: Seminar on "Nimbarka Philosophy and World Peace'', jointly with the Dept. of Sanskrit, Tripura University and World Nimbarka Parisad in 2005, (ii) National Seminar on "Mingled Voices: Literature and Philosophy," in collaboration with English, Bengali, Sanskrit departments of Tripura University in 2006. (iii) National Seminar on "Basic Values Embodied in Indian Culture and their Relevance in National Reconstruction with special Reference to the Gita, Swami Vivekananda and Mahatma Gandhi" sponsored by Indian Council of Philosophical Research (ICPR), New Delhi, in 2008, (iv) ICPR sponsored National Seminar on "Socio-Religious Thoughts of Rabindranath Tagore and Swami Vivekananda" held in the Department from 3<sup>rd</sup> – 5<sup>th</sup> Feb. 2012 and (V) ICPR sponsored National Seminar on "Ambedakr and His Socio-Religious Philosophy" from 3<sup>rd</sup> – 5<sup>th</sup> Sept. 2012, in the Central Library, Tripura University. Every year as a part of the Teacher's Day programme, this department has been organising and arranging seminars, discussions, lecture programmes to commemorate the great teacher and philosopher S. Radhakrishnan. The department has a departmental journal entitled 'Pratyaya'.

#### Vision of the Department:

To be one of the 10 top philosophy departments in the country.

#### Future plans of the Department:

- To open study centre in Indian Contemporary Philosophy and Applied Ethics
- To organise awareness programs on social, moral and environmental issues among the people of the 6 adopted villages of the university.

### 1. Fulltime Faculty Members:

Name	Qualification (PG/ MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Aditya Kumar Mohanty	M.A. Ph.D	Professor & Head	PG	Indian Philosophy, Analytic Philosophy, Philosophy of Values	35 yrs.	2
Dr. Krishna Bhattacharya	M.A. Ph.D	Associate Professor	PG	Vedanta and Western Epistemology	38 yrs.	1
Dr. Mohan Debbarma	M.A. Ph.D	Associate Professor	PG	Philosophy of Culture, Religion Western Philosophy and Contemporary Indian Philosophy	19 yrs.	5
Dr. Bimal Ch. Pal	M.A. Ph.D	Assistant Professor	PG	Ethics, Feminism and Marxist Philosophy	11 yrs.	4
Dr. Arup Jyoti Sarma	M.A. Ph. D	Assistant Professor	PG	Ethics, Western Philosophy	06 yrs.	4
Mr. Bhupesh Debbarma	M.A.	Assistant Professor	PG	Philosophy of Culture and Religion	06 yrs.	-
Dr. Sindhu Poudyal	M.A. Ph.D	Assistant Professor	PG	Contemporary Western Philosophy	03 yrs.	-

2. Details of publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

2.1. Book Chapters:

All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year (2015- 16)	ISBN No.	Page No.
Dr. Mohan Debbarma	"Identity, Conflict and Development – A Study of the Borok Community in Tripura"	Komol Singha And M. Amarjeet Singh	Identity, Contestation and Development in the Northeast India	South Asia Edition, Routledge, Tylor and Francis Group, New Delhi, London and New York	Feb. 2016	978-1- 138- 66689-4	Pp. 151- 172
Dr. Arup Jyoti Sarma	"Kant's Conception of Subjective Knowledge: A Hegelian Critique"	Pius V. Thomas,	Knowledge, Theorization and Rights: Renegotiating the Connectives	Salesian College Publication, Siliguri	2015	978-93- 82216- 12-4	pp. 136- 162.

2.2. Publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year	ISSN/	Page
				(2015-16)	DOI	No.
Dr. Arup	"Secularism in	Journal of Social Sciences and	Vol. II,	March 2016	2348-	34-50
Jyoti Sarma	Gandhian	Humanities, Department of Philosophy,			7011	
	Thought"	B. Borooah College, Assam				

3. Conference / Seminar / Workshops / Summer-Winter schools attended by Teachers/Students / Research Scholars of the Department organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/Seminar/Workshop	Date	Organised by	Title of the paper
D W ' 1	attended	1 <sup>st</sup> - 4 <sup>th</sup>	IDC . M. II II	presented
Dr. Krishna	90 <sup>th</sup> Session of Indian		IPC at Magadh University, Bodh	"Nyaya view of
Bhattacharya	Philosophical Congress (IPC)	Feb. 2016	Gaya, Bihar	Sabda pramana – A
		a ard a arth		Critical Analysis"
Dr. Mohan	First International Poornavad	23 <sup>rd</sup> - 25 <sup>th</sup>	Swami Ramanand Teerth	"Importance and
Debbarma	Philosophy Conference on	Jan. 2016	Marathwada University, Nanded &	Necessity of Moral
	"21 <sup>st</sup> Century Challenges		Poornavad Vidya Pratishthan,	Life in the
	Before Contemporary Global		Nanded, Maharashtra	Contemporary Global
	Philosophy"			Society "
Dr. Bimal	(i) First International	23 <sup>rd</sup> , 24 <sup>th</sup> &	Swami Ramanand Teerth	"The Value of
Chandra Pal	Poornavad Philosophy	25 <sup>th</sup>	Marathwada University, Nanded &	Human Life in
	Conference on "21st Century	January,	Poornavad Vidya Pratishthan,	Tagore's Thought"
	Challenges Before	2016	Nanded, Maharashtra	
	Contemporary Global			
	Philosophy"			
	(ii) Workshop on "Life and	7 <sup>th</sup> April to	The Institute of Gandhian Studies,	"Gandhi and Ethics"
	Thought of Gandhi"	9 <sup>th</sup> April,	Wardha, Department of History,	
	_	2016.	Tripura University & Centre for	
			Gandhian Studies, Tripura	
			University	
Dr. Sindhu	(i) UGC sponsored National	30 <sup>th</sup> Nov.	Dept. of Philosophy, Goa University	"Critical Analysis: A
Poudyal	Seminar on "Comparative and	2015		Need for Revival"
	Critical Study of the			
	Philosophical Systems/			
	Movements and Religions"			
	(ii) ICPR sponsored National	22-24	Department of Philosophy, Abdhesh	"Pursuit of
	Seminar on "Science and	January,	Pratap Singh University, Rewa,	Knowledge: Science,
	Religion"	2016	1 0,	Religion and
		-		Philosophy"

4. Invited Talks Delivered by faculty / guest faculty in any Colloquium / Seminar / Workshop / Summer or Winter School etc.

Name	Place	Date	Organisation	Title of Invited talk
Prof. Aditya	Bali, Indonesia	8 <sup>th</sup> June, 2016	Universitas Pendidikan	"Science,
Kumar Mohanty			Ganesha,	Civilization and Culture"
			Indonesia	
	Bali, Indonesia	9 <sup>th</sup> June, 2016	STAH Negeri Mpu Kuturan,	"Science and spirituality"
			Indonesia	
	Bali, Indonesia	10 <sup>th</sup> June, 2016	Universitas Warmadewa	"Live and let live –
				A plea for
				holistic living"
	Bali, Indonesia	11 <sup>th</sup> June, 2016	Institute Hindu Dharma Negeri,	"Global crisis –
			Indonesia	Perspectives and
				Panacea"
Mr. Bhupesh	Tripura University	7 <sup>th</sup> – 9 <sup>th</sup> April,	Jointly organized by Institute of	Lecture delivered on
Debbarma	Workshop on Life and	2016	Gandhian Studies, Wardha,	"Gandhi and Education"
	Thought of Gandhi		Deptt. of History & Centre for	
			Gandhian Studies, Tripura	
			University	
Dr. Sindhu	Goa	4 <sup>th</sup> Dec. 2015	A group of exchange students	"Religious Diversity in
Poudyal			and teachers from Swiden who	India with special
			visited Chowgule College, Goa	reference to Goa"
	Goa	11-12-2015	Chowgule College, Margao, NSS	"Issues and Impacts of
			Club, Chowgule College, Goa	Globalization"

5. Ph.D Scholars registered/Theses submitted / awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses
			submitted/ Awarded
Mr. Sujit Roy	"A Study on Nirvikalpaka Pratyaksa in Nyaya and Bauddha	Dr. Krishna	Awarded
	Philosophy"	Bhattacharyra	
Mr. Bhupendra	"Social and Moral Values of the Borok People of Tripura – A	Dr. Mohan	Awarded
Debbarma	Study of Socio-moral Philosophy"	Debbarma	
Mr. Bhupesh	"Understanding Tribal Religion in the Context of the Borok	Dr. Mohan	Viva-voce completed
Debbarma	Traditional Religion of Tripura – Conceptual Analysis"	Debbarma	
Mrs. Sreela Sen	"The Ethical Thought of Bertrand Russell"	Dr. Bimal	Viva-voce completed
		Chandra Pal	

## 6. Outreach Footprint of the Department:

6. A. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Mr. Bhupesh Debbarma	Refresher Course in Tribal Studies	UGC – Human Resource Development Centre (HRDC), North – Eastern Hill University (NEHU), Shillong – 793022, Meghalaya	21 days	27 <sup>th</sup> July – 16 <sup>th</sup> August, 2015
Dr. Bimal Chandra Pal	UGC SponsoredShort Term Course on "Population, Environment & Development"	Human Resource Development Centre, University of North Bengal, Darjeeling	7 days	25 <sup>th</sup> May, 2016 to 31 <sup>st</sup> May, 2016

7. Major thrust area of research: Indian Philosophy, Western Philosophy, Ethics, Philosophy of Religion and Culture.

8. New initiatives/Innovations: CBCS introduced from July 2016

9. On-going Research Projects in 2015-16:

7. On going Rese	on going research rojects in 2015 10.								
Principal	Co-	Funding	Title of the Project	Total Grant (Rs.	Grant received	Tenure			
Investigator	Investigator	Agency		in Lakhs)	during the year				
Dr. Krishna	-	UGC	Ethics of the Nastika	1.35	2013	2 yrs			
Bhattacharya			Schools of Indian						
			Philosophy						
Dr. Arup Jyoti	-	ICPR	Kant's Moral Religion	1.5	2015	2 yrs			
Sarma			_						

10. Awards / Medals /Honours received by the Teachers during the academic year 2015-16: Nil

	**									
Name of Teacher	Name of Awards/ Medals/	Date of Awards/	Awarding Agency/	Remarks						
	Honours	Medals/ Honours	Institution							
Prof. Aditya Kumar	Pratibha Samman Award	2016	Orissa Mining	-						
Mohanty			Corporation							

11. No. of students qualified in various public examinations in the Academic year 2015-16 from the Department:

Name of Examinations	Total		Gen OBC			SC		ST		PH (Out of Total)		Minority			
	M	F	Total	М	F	M	F	M	F	M	F	M	F	M	F
NET	12	1	13	3	-	2	-	4	-	3	1	-	-	-	-
SLET	5	1	6	-	-	2	-	1	-	2	1	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students opting for Higher Studies with Examinations, \*\* Students opting for Higher Studies without Examinations

## 12. Any other achievements/information:

Movie "Agora" on the decline of Rational thinking in the West was screened on 28<sup>th</sup> April, 2016, at 2 PM in the conference hall of Academic Building –XI. About 160 people including the Faculties, Research Scholars and the Students attended the program.

#### DEPARTMENT OF PHYSICAL EDUCATION

Head of the Department : Dr. Prasanta Kumar Das

Year of Establishment : 2011

Programmes on offer : **M.P.Ed, Ph.D** 

Intake capacity : Ph.D-16, M.Ped. (To be determined)

#### Major achievements/ Vision of the Department words:

Department of Physical Education focused on the development of the whole student: physical, social, mental, and intellectual. Programs within the department are interdisciplinary by nature and combine the fields of education and social sciences. The department is dedicated to providing a high quality teacher education program and career preparation with the idea of excellent teaching being the central to our Vision and Mission.

Department of Physical Education aim to provides academic programs in physical education, health, fitness, training, yoga, outdoor recreation and healthy society to our Country. Our vision is also to include a research Program, heath/wellness promotion, leadership training program and certificate programs in coaching, fitness and yoga.

1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Prasanta Kumar Das	M.P.Ed, MPhil, NET, PhD	Associate Professor	PhD Course Work	Sports Training, Exercise Physiology, Sports Psychology	14 years	-
Dr. Sudip Das	M.P.Ed, NET, PhD	Assistant Professor	PhD Course Work	Sports Training, Exercise Physiology	14 years	04
Dr. Krishnendu Dhar	M.P.Ed, MPhil, NET, PhD	Assistant Professor	PhD Course Work	Sports Biomechanics, Exercise Physiology	05 years	04
Dr. Sanjib Kumar Bhowmik	D.Y.Ed, CCSI M.P.Ed, MPhil, NET(JRF), PhD,	Assistant Professor	PhD Course Work	Health, fitness, Exercise Physiology, Sports Psychology	08 years	04

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

2.1. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/	Page
		Magazine		(2015-16)	DOI	No.
Dr. Prasanta Kumar	A Comparative study of sports	Indian journal of sport	Vol 23	2015	0971-	1-6
Das	achievement motivation between	science and physical			0140	
	volleyball and basketball players	education, IASSPE,				
		Patiala				
Sorokhaibam	Anaerobic Performance among	International Research	Vol II	2015	2394-	1-8
Premananda Singh, Dr.	State level Soccer and	Journal of Physical			7985	
Sudip Das, Gajendra	Basketball Player	Education and Sports				
Bhadkaria		Science				

2.2. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

- 1	22. I an papers paterished in the proceedings of conference, behinding symposium etc											
	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	ISBN/DOI	Page					
					(2015-		No.					
					16)							
	Dr. Prasanta	Ethics in Sports	Seminar on Teacher Education and Training	1	2015	978-81-	95-					
	Kumar Das	Issues	Programmes in Physical Education-Issues and			921410-1-5	99					
			Challenges									

## 3. Details of publications not reported in category 2:

#### 3.1. Books:

All Authors in sequence	Title	Publishers	Year	ISBN
			(2015-16)	
Dr. Sanjib Kumar Bhowmik,	Physical Education	OSWAL Publication, AGRA-	2016	978-93-5178-
Dr. Raji Philip, M.K Gulia	(CBSE, for Class XII)	282002		162-2

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr. Prasanta Kumar Das	Seminar on Nomenclature Tenure and Regulation of Physical Education Courses	February 18th 2015	Mata Gurdev Kaur Memorial Shahi Sports College of Physical Education	Physical Education Courses: Norms and Tenure
	Seminar on Teacher Education/Training Programmes in Physical Education-Issues and Challenges	February 15th -16th 2015	Dept. of Physical Education-TE&L, P G G C-11, Chandigarh	Ethics in Sports Issues
Dr. Sanjib Kumar Bhowmik	National Seminar on Deterrents on the path of Students Comprehensive development & ways out with special reference to the state of Tripura	20- 21January, 2016.	Deptt. of Physical Education & Deptt. of Education, Govt. Degree College Kamalpur, Tripura	A Study of Physical Education a critical role to complete Education
Dr. Sudip Das, Sidhartha Sarma	International Congress of Sports Psychology (ICSP-2015)	27 Nov., 2015 to 01 Dec., 2015	Banaras Hindu University, Varanasi, UP	A Comparative Study on anxiety level of Science, commerce of Physical Education Students of Tripura University
Dr. Krishnendu Dhar, Sidhartha Sarma	International Congress on Fitness, Wellness & Sports Science	20 to 22 Nov, 2015	LNIPE, Gwalior, MP	Comparative Study of sports Competition Anxiety between state level and inter college soccer players of Tripura.
Sorokhaibam Premananda Singh	International Congress of Sports Psychology (ICSP-2015)	27 Nov to 01 January, 2015	Banaras Hindu University	Relation between optimal Performance and Flow State of Selected Racquet Players.

5. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Dr. Sanjib Kumar	Kamalpur, Tripura	02/05/2016	Govt. Degree College	Promoting Healthy Eating & Physical
Bhowmik			Kamalpur, Tripura	Activity for Healthier Nation

6. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses
			submitted/ Awarded
Sorokhaibam	Effect of Psychological Skill Training Program on	Dr. Sanjib Kumar	Registered
Premananda Singh	Selected Psychological Variables and Skill	Bhowmik	
	performance Variables of Soccer Players		
Nitya Gopal Das	Biomechanical Characteristics of Three Different	Dr. Krishnendu	Registered
	Take off actions in Triple Jump	Dhar	
Longjam Baleswar	A Comparative Study of selected Anthropometric &	Dr. Krishnendu	Registered
	motor fitness parameters of National Level Male	Dhar	
	Volleyball Players from different state in India		
Sangram Bhattacharjee	An Analytical approach towards postural	Dr. Sudip Das	Registered
	Deformities in school going students of Tripura		
Swmdwn Muchahary	Assessment of Risk Factors for Overweight and	Dr. Sanjib Kumar	Registered
	Obesity among School going students of Assam	Bhowmik	
Sidhartha Sarma	Biomechanical Analysis of Side Kicking Technique	Dr. Krishnendu	Registered
	in Wushu	Dhar	
Gajendra Bhadkaria	Lifestyle Assessment of Former Sports Aged	Dr. Sudip Das	Registered
	Between 45 to 55 years		

Bhartendu Sharma	A Comparative Effect of Yogic Practices and Brisk Walking on Selected Biochemical Parameters of Middle Aged Men	Dr. Sanjib Kumar Bhowmik	Registered
Pankaj Debnath	Effect of selected Yogic Practices on Metabolic and Cardiovascular Parameters of School going Obese	Dr. Sanjib Kumar Bhowmik	Registered
	Students		8

## 7. Outreach Footprint of the Department:

7. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Duration	Title	No. of Participants
1	14 to 20 June 2016	7 days	Workshop on Yoga	20
2	21st June 2016	2 hrs	Observance of International Day of Yoga	200

7. B. Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership		
Dr. Krishnendu Dhar	International Society of Sports Biomechanics	Member		
Sorokhaibam Premananda Singh	Sports Psychology Association of India (SPAI)	Life Member		

7. C. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Sudip Das	Refresher course	L.N.I.P.E, Gwalior	21 Days	22 April to 12 May 2016.

## 8. Major thrust area of research:

Fitness, Exercise Physiology, Sports Psychology, Sports Biomechanics, Sports Training and Techniques, Anthropometry, Health and Yoga.

### 9. New initiatives/Innovations:

- 1. Constructed International level outdoor Synthetic Volleyball Courts with Flood Light at Tripura University Campus.
- 2. Construction of Standard Football Field at Tripura University Campus.

10. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
10	05	05

10. B. Major Instruments available in the Department:

S1	Instruments S1		Instruments		Instruments
No.		No.		No.	
1	Body Composition Analyzer	11	Harpen Skinfold Caliper	21	Stadiometer
2	Lactate Analyzer	12	Back/Leg Dynanomter	22	Metronome
3	Metabolic Analyzer	13	Hand Grip Dynanometer (Analog)	23	Handy cam
4	Peak flow meter	14	Hand Grip Dynanometer (Digital)	24	Digital Still Camera
5	Dry Spirometer	15	Depth Perception apparatus	25	Projector
6	Glucometer	16	Finger Dexterity	26	P.A System
7	Haemometer	17	Mirror Tracer	27	TV LED
8	Automatic Blood Pressure	18	Reaction Time Apparatus	28	Bone Density Caliper
	Machine				
9	Sphygmomanometer	19	Hand Steadiness Apparatus	29	Sliding Caliper
10	Treadmill	20	Memory Drum	30	Spreading Caliper

12. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

se s	Total			Gen		OBC		SC		ST		PH (C	Out of	Mino	rity
Name of Examinations												Total	)		
Name Examinat	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	2	-	2	2	-	-	-	-	-	-	-	-	-	-	-
SLET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	2	-	2	2	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

13. Details of Student's Placement known to the Department:

Name	Sex M/F	Category (GEN/ ST/SC/	Name of the Organization/Dept.	Designation	Examination Body	Name of the Examination
	MI/F	OBC/ MIN) [give asterisk * for PwD]	Огданіzaноп/Дерг.			Examination
Mihir Shil	M	OBC	YAS (Govt. of Tripura)	Sports Officer	TPSC	TPSC
Amit Yadav	M	OBC	YAS (Govt. of Tripura)	Sports Officer	TPSC	TPSC
Ranjana Sinha	F	OBC	Kavilayadhama Lonavala,	Yoga Instructor	Kavilayadhama	Direct
J	_		Maharastra	- 58.1	Lonavala, Maharastra	Interview
Purnima	F	OBC	Shri Krishna Mission School,	Physical	Shri Krishna Mission,	Direct
Ghosh			Agartala	Education Teacher	Agartala	Interview
Ekram Hosain Bhuiya	M	MOBC	RCPE, Panisagar	Physical Instructor	Govt. of Tripura	Direct Interview
Mrinal	M	SC	Youth Affairs & Sports	Physical Instructor	Govt. of Tripura	Direct Interview
Suman Saha	M	GEN	Monfort Higher Secondary	Physical	Monfort Higher	Direct
			School, Tripura	Education Teacher	Secondary School, Tripura	Interview
Utpal Das	M	SC	Govt. Degree College,	Guest Faculty	Govt. Degree College,	Direct
1			Sonamura		KVN, Sonamura	Interview
Rupak Barua	M	MOBC	Kendra Vidyalaya, Panisagar	Yoga Teacher	Kendra Vidyalaya,	Direct
				(adhoc)	Panisagar	Interview
Amit Dhar	M	GEN	M.B.B College, Agartala	Guest Faculty	M.B.B College,	Direct
					Agartala	Interview
Jimi	F	ST	Kendra Vidyalaya,	Yoga Teacher	Kendra Vidyalaya,	Direct
Debbarma			Shantirbazar	(adhoc)	Shantirbazar	Interview
Manisha	M	GEN	Kendra Vidyalaya, Kailaswar	Yoga Teacher	Kendra Vidyalaya,	Direct
Chasa				(adhoc)	Kailaswar	Interview
Prasanjit	M	OBC	Govt. Degree College,	Guest Faculty	Govt. Degree College,	Direct
Debnath			Dharmanagar		Dharmanagar	Interview
Sanjay Sarkar	M	SC	ICFAI, University	Assistant Professor	ICFAI, University	Direct Interview
Sumit	M	GEN	Tinsukia English Academy,	Physical	Tinsukia English	Direct
Chakraborty	IVI	GEN	Tinsukia, Assam	Education Teacher	Academy, Tinsukia, Assam	Interview
Jhanabi Gogoi	F	OBC	Dr. Shyma Prasad Mukherjee College of Education	Lecturer of Health and Physical Education	Dr. Shyma Prasad Mukherjee College of Education	Direct Interview
Paritosh Das	M	SC	Kendra Vidyalaya, Ambassa	Physical Education Teacher	Kendra Vidyalaya, Ambassa	Direct Interview
Biren Mahato	M	GEN	Deptt. of Physical Education, Ananda Chandra College	Assistant Professor	Ananda Chandra College Jalpaiguri, WB	Direct Interview
L Sailo	M	ST	St. Paul School, Mission Compound, A. D Nagar, Tripura	Physical Education Teacher	St. Paul School, Mission Compound, A. D Nagar, Tripura	Direct Interview

### DEPARTMENT OF POLITICAL SCIENCE

Head of the Department : Prof. Chandrika Basu Majumder

Year of Establishment : 1994

Programmes on offer : IMD, MA, Ph.D Intake capacity : MA-80, IMD-15

### Major achievements/ Vision of the Department:

The Department was established in 1994. The curriculum of the Masters Degree focuses on the study of Political theory/thought, Comparative Politics, International Relations, Public Administration, Developmental Studies, Research Methodology, Indian Politics etc. The program is designed to enhance theoretical understanding relating to political processes in the contemporary socio-economic and institutional order and to develop methodological skills. The Department also emphasizes the study of North East India.

1. Fulltime Faculty Members :

Name	Qualification (PG/ MPhil/ Ph.D/ NET, SLETetc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Chandrika Basu Majumder	M.A., M.Phil, Ph. D	Professor & Head	Ancient Indian Political Thought	Gender, Political Thought	33 years	08
Dr. Kashi Nath Jena	M.A., Ph. D	Professor	Western Political Thought, Comparative Politics,	Globalization, Intellectual Property Rights	33 years	06
Dr. Gautam Chakma	M.A., Ph D	Associate Professor	Political Theory, North East Politics, India's Foreign Policy	Migration in N.E. India	19 years	-
Dr. Alak Bhattacharya	M.A., Ph D	Associate Professor	Modern Indian Political Thought Administration & Politics in Tripura	Political Thought, Politics and Development	15 years	08
Vanlalmuana Darlong	MA, NET	Assistant Professor	Western Political Thought, Public Administration & Research Methodology	Public Administration, Development Studies	11 years	-
Biplab Debnath	M. Phil, NET	Assistant Professor	Political Theory (IMD 1 <sup>st</sup> Semester), Western Political Thought (MA 1 <sup>ST</sup> Semester), Problems of International Relations (MA 3 <sup>rd</sup> Semester)	International Relations	06 years	-
Anagha Ingloe	M. Phil, NET	Assistant Professor	Western Political Thought (MA 1 <sup>st</sup> Semester), Problems of International Relations(MA 3 <sup>rd</sup> Semester), Political Theory (IMD 1 <sup>st</sup> Semester	International Relations	01 years	-
Anindya Sarkar	M.A., NET	Assistant Professor	Ancient Indian Political Thought (MA1st Semester), Post Colonial Indian Politics (MA 3 <sup>rd</sup> Semester), Comparative Politics (IMD 5 <sup>th</sup> Semester)	Comparative Politics	08 months	-

2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/ MPhil/ Ph.D/ NET, SLET	Courses Taught in 2015-16	Research area/ interest	No. of years of teaching experience	No. of years of research experience
Dipikanta Chakraborti	sletc)	Ancient Indian Political Thought (MA 1 <sup>st</sup> Semester), Political Sociology(MA 3 <sup>rd</sup> Semester), Indian Government and Politics (IMD 3 <sup>rd</sup> Semester)	Indian Foreign Policy	02 years	01
Dr. Nengneithen Kipgen	Ph.D	Modern Indian Political Thought (MA 1 <sup>st</sup> Semester), Political Sociology (3 <sup>rd</sup> Semester) Comparative Politics (IMD 5 <sup>th</sup> Semester), Indian Political Thought (IMD 5 <sup>th</sup> Semester)	International Relations	01 years	07

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

3.1. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/ DOI	Page
		Magazine		(2015-16)		No.
Anagha Ingole	Scavenging For The State	Economic and Political	51	June, 2016	2349-8846	-
		Weekly				
Anagha Ingole	सरकारसाठीमैलासफाई	परिवार्तानाचावाटसरू	4	July 2016	-	-

4. Details of publications not reported in category 3:

#### 4.1. Books:

All Authors in sequence	Title	Publishers	Year	ISBN
			(2015-16)	
Alak Bhattacharya &	Crime Against Women with Reference to	Akansha Publishing	2016	978-81-8370-
Surajit Debnath	498A case Studies	House, New Delhi		453-3

4.2. Papers in peer reviewed journals published in India:

	12. I apers in peer reviewed journals published in main.								
All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page			
		Journal/ Magazine		(2015-16)		No.			
Chandrika Basu	Gender and	Daughter of the	01	June-August, 2015	2394-241X	21			
Majumder	Property Rights	Nation							
Chandrika Basu	-	Daughter of the	02	September-	2394-241X	12			
Majumder		Nation		November, 2015					

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept.

organized by institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per po						
Name	Conference/ Seminar/ Workshop	Date	Organized by	Title of the paper presented		
	attended					
		. oth .	~			
Anagha Ingole	Summer Course on Religious	19 <sup>th</sup> June -	Central European	Empire, Faith & Reason: A		
	Violence in Global Perspective	10 <sup>th</sup> July,	University, Budapest	Study in the History of Ideas		
		2015				
Chandrika Basu	Acted as a Chairperson in	24 <sup>th</sup> June,	ICFAI University,	Theme: Women Empowerment,		
Majumder	Technical Session	2016	Tripura	Panchayat Raj and Constitution		
Chandrika Basu	Workshop on 'Status of Women	26 <sup>th</sup> -27 <sup>th</sup>	Tezpur Central	Status of Women's Studies in		
Majumder	in North East India"	Nov' 2015	University	Tripura		
Chandrika Basu	Workshop Cum Panel	27 <sup>th</sup> Feb.,	MBB College,	Resource Person of the above		
Majumder	Discussion on Women Property	2016	Agartala	said Programme		
	Rights: Past and Present			_		
Chandrika Basu	Celebration of International	07 <sup>th</sup> Mar,	Reserve Bank of	Speaker in the Panel Discussion		
Majumder	Women's Day	2016	India, Agartala			
			Branch			

6. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Prof. Chandrika	Agartala, Tripura	30rd March,	Ramthakur College,	Role of Education in women
Basu Majumder		2016	Agartala	empowerment
Prof. Chandrika	Eklavya Campus,	19 <sup>th</sup> -20 <sup>th</sup>	Rashtriya Sanskrit	Skill Development Programme: A
Basu Majumder	Agartala, Tripura	March, 2016	Santahn (Deemed	Talk on Fundamental Rights and
			University)	Duties in India
Prof. Chandrika	Pragna Bhawan,	28-07-15	Directorate of Social	'Implementation of Laws enacted for
Basu Majumder	Agartala		Welfare and Social	Women's right in property including
			Education, Agartala	Tribal Women as a means of
				Empowerment'
Dr. Alak	Press Club, Agartala	2015	Aurobindo Society,	Aurobindo and Nationalism. Speech
Bhattacharya			Agartala	delivered as Guest of Honour

7. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of	Research topic	Name of Guide	Registered/ Theses
Scholars			submitted/ Awarded
Ashis Das	"The Mog Community of Tripura: A Study of Customary	Prof. Chandrika	Registered
	Laws and Traditional Village Administration"	Basu Majumder	
Prabir Datta	"Democratic Decentralisation and implementation of the	Prof. Chandrika	Thesis submitted
	74 <sup>th</sup> Constitutional Amendment Act in Tripura"	Basu Majumder	
Mijanur	The Question of Muslim Development and Politics in	Dr. Alak	About to submit
Rahaman	Tripura	Bhattacharya	
Jashim Uddin	Scheduled Caste Politics in Tripura	Dr. Alak	About to submit
		Bhattacharya	
Surajit Deb	Women Empowerment with Special Reference to 498A:	Dr. Alak	About to submit
Nath	A Study in Tripura	Bhattacharya	
Ranjan	Pattern of Tribal Leadership: A Study in Tripura	Dr. Alak	About to submit
Acharjee		Bhattacharya	
Biswanath Deb	Trans Boarder Crime and the Internal Security of Tripura	Dr. Alak	Registered
Barma		Bhattacharya	

## 8. Outreach Footprint of the Department:

8. A. Participation in E-Content creation programmes such as e-PG Pathshala, NME-ICT, MOOCs:

Sl. No.	Faculty Names	Title of E-Content	No. of Hours	Available or Not
01	Anagha Ingole & Biplab Debnath	International Relations MOOC Content	08	Yes
02	Anindya Sarkar	Political Theory	08	Yes
		MOOC Content		

8. B. Membership in Professional / Learned Societies:

6. B. Weinbership in Professional / Ecanica societies.						
Faculty/ Scholar Name	Name of Society	Grade of Membership				
Anindya Sarkar	Indian Political Science Association	Life Member				
	Jadavpur Association of International Relations					
Dr. Alak Bhattacharya	Indian Political Science Association	Life Member				
	West Bengal Political Science Association					
Prof. Chandrika Basu Majumder	Indian Institute of Public Administration	Life Member				
	Indian Political Science Association	!				

### 9. Major thrust area of research:

Public Administration, Indian Politics, International Relations

10. Details of Student's Placement known to the Department:

Name	Sex M/F	Category (GEN/ ST/SC/ OBC/MIN) [give asterisk * for PwD]	Name of the Organization/ Dept.	Designation	Examination Body	Name of the Examination
Puja Dey	F	NA	Delhi Police	NA	Delhi Police	-
Birugan Tripura	M	ST	Delhi Police (executive)	NA	Delhi Police	-
Biswadeep Das	M	NA	Dept. of Forests	NA	Staff Selection Commission, Govt. of Tripura	-

11. Awards/Medals/Honours received by the students during the academic year 2015-16:

Name of Students	Name of Awards/Medals/Honours	Date of	Awarding	Remarks
		Awards/Medals/Honours	Agency/Institution	
Saikat Das Sharma	Best Speaker at Workshop on Swami Vivekanda	January, 2016	Tripura University	
Saikat Das Sharma	First Prize : Debate on Media and Ethics at UDBHAAS	March- April 2016	Tripura University	

#### DEPARTMENT OF PSYCHOLOGY

Head of the Department : Prof. Satyadeo Poddar(Dean), Dr. R. Ganeshan, Coordinator

Year of Establishment : 2011

Programmes on offer : M.A., M.Sc., Ph.D.

Intake capacity : 20

#### Major Achievements/ Vision of the Department:

The mission and vision of the Psychology Department involves multiple components:

- To develop high quality research
- To enhance the students' cognitive ability.
- To inculcate critical thinking skills among the students.
- To provide exceptional teaching and mentoring to the students
- To improve the mental efficiency and skills of the students in the academics.
- To develop students to apply the psychological skills in their real life situations
- To help the students to sharpen their intellectual ability and creativity.
- To Promote Community Outreach Services
- To provide solutions to Psycho-Somatic Problems
- To provide Training for enhancing Mental Health
- To promote the application of behavioural science to students.
- To enable the students as Counselors, Therapists, Faculties, Community Service Providers etc.

• To widen the knowledge of the students on behaviour modification, human cognition, interpersonal relations etc.

### 1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr.Rajesh Ganesan	M.S.(ISA), Ph.D.,	Assistant Professor	Organisational Behaviour, Behaviour Modification, Stress Management, Positive Psychology, Psychopathology, Practicum	Clinical & Organizational Psychology	4 Yrs 8 Months in Tripura University + 14 years Global Institute of Behaviour Technology, Coimbatore.	2
Dr Anjana Bhattacharjee	MA, PhD	Assistant Professor	Positive Psychology, Educational Psychology, Clinical Psychology, Research Methodology	Students mental health, women related issues, Positive Psychology, Psycho- oncology, clinical Psychology	Teaching= 08 Years Research: 10 years	5

#### 2. Guest Teachers/Contract Teachers:

Name	Qualification		Research	No. of years of	No. of years of
	(PG/MPhil/	Courses Taught in 2015-16	area/interest	teaching	research
	Ph.D/NET,			experience	experience
	SLET etc)				
Dr. Joysree	Ph.D	Positive Psychology, Educational	Clinical	6 Years	6 Years
Das		Psychology, Behavior modification,	Psychology		
		Personality, Practicum			
Poonam	SLET	Psychometry and Research	Positive and	3 Years	3 years
Mukherjee		Methodology in Semester II	Educational		
		2) Psychopathology in Semester IV	Psychology		

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

3.1. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015-16)	ISSN/DOI	Page No.
Dr. Rajesh Ganesan &Moon Banerjee	Management of Aggression and Victimization among formative year's School Children	Indian Journal of Health and Well- Being	Vol.7	2016	ISSN- p-2229- 5356 e-2321- 3698	349- 352
A.Bhattacharjee &N.Banik	Antenatal Depression and Social Support: A study on Pregnant Women	Indian Journal of health and wellbeing	7	2016	2229-5356	561
S. Ghosh, G. Debbarma, A.Bhttacharjee & E. Ghosh	A Study on Pattern of Internet Use And Its Correlation With Personality Trait Among Technical Students (Medical & Engineering)	International Journal of Scientific Research	5	2016	2277-8179	347- 350
S. Ghosh, G. Debbarma, A.Bhttacharjee & E. Ghosh	Correlation of Job Stress and Quality of Life Among Police Personnel in Tripura	Indian Journal of Applied Research	6	2016	2249-555X	38- 42
A. Bhattacharjee&N. Banik	Self-concept in pregnancy: An exploratory study	Indian Journal of Health and Wellbeing	7	2016	2229-5356	346- 348
S. Ghosh, G. Debbarma, A.Bhttacharjee &E. Ghosh	Job Stress of Police Personnel in Tripura: An Analytical Study	International Journal of Scientific Research	5(4)	2016	2277-8179	44- 46
S. Ghosh, G. Debbarma, A.Bhttacharjee & E. Ghosh	Study of Quality of Life Among Police Personnel In Tripura	Paripex- Indian Journal of Research	5	2016	2250-1991	25- 27
A. Bhttacharjee&S.Banda	Depression among people living with HIV infection: A gender based study	International Journal of Social Sciences Review	3	2015	2347-3797	319- 324
A. Bhttacharjee&S.Banda	Ways of coping among HIV infected individuals: An analysis	Indian Journal of Positive Psychology	6	2015	2229-4937	255- 259
Dr. Josyree Das	Emotional Maturity among arranged marriage couple with special references to Agartala	EPRA International Journal of Economic and Business Review	3	July, 2015	Online 2347-9671 Print 2349- 187	127- 130
Poonam Mukherjee, Hillol Mukherjee	Presence of both the Parents in determining child's well-being	Indian Journal of Health And Well- Being	Vol. 6	2015	2229-5356	990- 993

3.2. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

5.2. I un papers published in the proceedings of Connerence, Schillian, Symposium etc						
All Authors	Title	Name of the Journal/	Volume	Year	ISBN/DOI	Page
		Magazine		(2015-		No.
				16)		
Dr.Rajesh	Self-Esteem and Personality	Indian Philosophical	90 <sup>th</sup> Session	Feb.1-4,	-	89
Ganesan	Dimensions as Predictors of	Congress		2016		
&Mahuya Deb	Social Adjustment among the					
	Adolescents					

## 4. Details of publications not reported in category 3:

4.1. Papers in peer reviewed Journals published in India:

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/	Page
		Magazine		(2015-16)	DOI	No.
A. Bhattacharjee,	Well-being among cancer	Indian Journal of Positive	7	2016	2229-	100-
& A.Banerjee	patients.	Psychology			4937	102
		(Refereed & Indexed in J				
		gate, Proquest, Cabell's				
		Dictionaries & others)				
A.Bhttacharjee &	Quality of Marital life among	Indian Journal of Positive	7	2016	2229-	144-
N.Banik	women of Agartala City	Psychology			4937	146
A.Bhttacharjee &	Classroom climate and	Indian Journal of Psychology	6	2016	2231-	12-
S. Debroy	achievement motivation among	and Education			1432	19
	post graduate students. Indian					
A. Bhttacharjee	Indian Tribal Adolescent: A	Voice of Research	4	2015	2277-	3-6
&R.Debbarma	review on their emotional				7733	
	intelligence					

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teachers/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/	Date	Organized by	Title of the paper presented
	Workshop attended			
Dr. Anjana	National Seminar on Drug	13 <sup>th</sup> -14 <sup>th</sup>	Department of Psychology,	Internet Addiction among
Bhattacharjee	Addiction among Adolescents	March 2016	Meerat College, Meerat,	adolescents: causes and
	in India		Uttar Pradesh	consequences
Dr. Anjana	National Seminar on educating	on 5 <sup>th</sup> and	IASE, Kunjaban, Govt. of	Importance of mental health
Bhattacharjee	tribal children of Tripura:	6 <sup>th</sup> March	Tripura in collaboration	in educating higher secondary
	Issues and remedies with	2016	with Tribal research and	tribal school students
	special reference to Tripura		cultural institute, Govt. of	
			Tripura	
Dr. Anjana	International Conference on	4 <sup>th</sup> -6 <sup>th</sup>	Centre for Bhutan Studies,	Spirituality: The gateway of
Bhattacharjee	Gross National Happiness	November,	& GNH Research, Bhutan,	happiness and wellbeing
		2015		
Dr. Anjana	2 <sup>nd</sup> International and 4 <sup>th</sup>	8 <sup>th</sup> - 9 <sup>th</sup>	National Association of	Does Attitude towards
Bhattacharjee	National Psychological	October,	Psychological Science, at	spirituality depend on gender,
	Science Congress	2015	Chandigarh	community and educational
				status? An investigation
Poonam	Educating Tribal Children:	5 <sup>th</sup> & 6 <sup>th</sup>	I.A.S.E. Kunjaban and	Dictates of Conscience and
Mukherjee	Issues and Remedies With	March,	Tribal Research Institute	Precision: Do They Shed
	Special Reference to Tripura	2016		Light on the Tribal Ethnicity

6. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Dr. Anjana	Agartala,	27 <sup>th</sup> April,	District Child Protection Society, Govt.	Emotional Development of
Bhattacharjee	Tripura	2016)	Tripura	Adolescent/Juvenile Children
				and their management
Dr. Anjana	Bangladesh	on 12 <sup>th</sup> April	Department of Psychology,	Spirituality and Happiness
Bhattacharjee		2016)	University of Dhaka, Bangladesh	
Dr. Anjana	Meerat, Uttar	on 13 <sup>th</sup> -14 <sup>th</sup>	Department of Psychology, Meerat	The unseen tears: understanding
Bhattacharjee	Pradesh	March 2016	College, Meerat, Uttar Pradesh	depression and suicidal ideation
				among adolescents
Dr. Anjana	Rohtak,	on 12 <sup>thh</sup>	Institute of Management Stusies and	Never give up: Believe in
Bhattacharjee	Haryana	March 2016	research, M.D. University, Rohtak,	yourself
			Haryana	
Dr. Anjana	Tripura	on17.02.2016	Department of microbiology, Tripura	Motivating Self And Achieving
Bhattacharjee	University		university	success
Dr. Anjana	Agartala	21 <sup>st</sup> January,	DISE (West), Govt. of Tripura	Counseling
Bhattacharjee		2016		
Dr. Anjana	Agartala,	Talk Show	Prasar Bharti	Angana on "kana ei oboshad"
Bhattacharjee	Prasar Bharati	(9/10/2015)		
Dr. Anjana	Agatala,	on 28/7/2015	Directorate of Social Welfare and social	Improving mental health and
Bhattacharjee	Tripura		Education, Govt. Of Tripura	empowerment of women

## 7. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Santanu Ghosh	Pattern Of Internet Use And Its Relation To Personality Trait, Perceived Stress, Anxiety And Depression Among Professional Students Of Tripura	Dr.Anjana Bhattacharjee	Registered
Nabanita Banik	Depression And Its Correlates: A Psychological Study On Pregnant Women Of Agartala	Dr.Anjana Bhattacharjee	Registered
Sukriti Banik	Domestic Violence Againts Women In Tripura: A Study On Their Mental Health	Dr.Anjana Bhattacharjee	Registered

## 8. Outreach Footprint of the Department:

8. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of
No.				Participants
1	29th September, 2015	One day	Workshop On 'Mental Health'	50
2	10th September, 2015	One day	State Level Symposium On 'Suicide Prevention'	300

8. B. Interaction with Industry/ NGO / Govt. Organization:

		, c				
S1.	Faculty Names	Name of Industry/ NGO	Location of	MOU	Any Grant	Student
No.			Industry	Signed?	Received?	Placed?
				(Yes/No)	(If yes value	(If yes
					in Lakhs)	No.)
1	Dr. Anjana	Department of Psychology,	Bangladesh	No	-	-
	Bhattacharjee	University of Dhaka, Bangladesh				

8. C. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr.Rajesh Ganesan	UGC-Sponsored Orientation Programme	Coimbatore, Tanilnadu	28 Days	18.11.2015 to 15.12.2015
Dr. Anjana Bhattacharjee	Refresher Course	University of Bardwan, West Bengal	21 days	01.06,2016 to 21.06.2016

## 9. Major thrust area of research: Behaviour Technology

#### 10. New initiatives/Innovations:

To establish a INNOVATIVE BEHAVIOUR TECHNOLOGY Lab in order to provide instantaneous remedies for the Management of Various Mental Health Problems by providing training to Students and also to the public community in the Tripura region.

11. Teaching Laboratory/ Research Laboratory:

Total No.	of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
4		2 (Post Graduation) +1 (PhD CourseWork) = 3	1

12. Details of Student's Placement known to the Department:

Name	Sex M/F	Category (GEN/ ST/SC/ OBC/ MIN) [give asterisk *	Name of the Organization/Dept.	Designation	Examination Body	Name of the Examination
Joydeep Roy Choudhury	M	for PwD] GEN	CHILDLINE India Foundation, Agartala (Support)	Coordinator	-	-
Arindam Chakraborty	M	GEN	RNTCP, Sepahijala District	Psychologist	-	-
Chandra Mallik	F	SC	National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Disease and Stroke (NPCDCS)	Counsellor	-	-
Sharbani Sharma	M	GEN	Short Stay Home under TCCW	Counsellor	-	-
Souramita Saha	F	GEN	Short Stay Home under Tripura Adivashi Mahila Samithi	Counsellor	-	-

### 13. Any other achievements:

Dr. Rajesh Ganesan served as a Psychologist in the Interview Panel for the recruitment of Engineers as Officer Trainees in the Campus Interview at National Institute of Technology, Agartala on 16.4.2016.

#### DEPARTMENT OF RURAL MANAGEMENT AND DEVELOPMENT

Head of the Department : **Dr. Jayanta Choudhury, Head (i/c)** 

Year of Establishment : 2006

Programmes on offer : Masters in Rural Management and Development, Ph.D. in Rural

**Management and Development** 

Intake capacity : 40

### Major Achievements/ Vision of the Department:

A professional approach is the need of the Country rather than the traditional bureaucratic approach to address issues related to Rural development. In this direction Tripura University launched one year Post Graduate Diploma in Rural Development (PGDRD) in 2004, mainly to equip Rural areas with Development Professionals. Subsequently PGDRD programme has been upgraded to 2-year Master of Rural Management and Development (MRMD) programme in 2006. The department gives emphasis to shaping Rural Development professional equipped for thinking globally and acting locally so as to ensure their intervention is relevant, appropriate, latest, just and right.

1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Jayanta Choudhury	Ph.D. in Rural Development	Assistant Professor	Rural Development Concept, Development of Rural Women and Children, Micro - Finance Management, Rural Planning & Project Management, Rural Livelihood	Inclusive Rural Development, Micro Finance, Local Self Government, Rural Livelihood	14 years	5
Dr. Arobindo Mahato	Ph.D. in Rural Development	Assistant Professor	Rural Demography, Governance and Rural Institutions, Rural Sociology, Rural Industry and Entrepreneurship Management, Rural Technology, Research Methodology, Development of Rural Women and Children	Corporate Social Responsibility, Good Governance, Cross Border Issues, Rural Livelihood, Entrepreneurship	05 years	4
Dr. Samrat Goswami	Ph.D. UGC NET (Economics)	Assistant Professor	Agriculture and Rural Livelihood, Natural Resources Management, Block Placement, Development of Rural Women and Children	Rural Resource Management, G.D.P. Growth and Related Issues, Issues in Economics of Water Resources and Water Sharing	08 years	2

### 2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/MPhil/Ph.D/	Courses Taught in 2015-16	Research area/interest	No. of years of teaching	No. of years of research
	NET, SLETetc)			experience	experience
Dr. Anamika	Ph.D. in Rural	Development of Rural Women and	Self Help	1 years	2
Dey	Development	Children, Governance and Rural	Group, Gender		
		Institutions, Rural Sociology, Rural	issues		
		Industry and Entrepreneurship			
		Management			

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

3.1. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page
		Journal/ Magazine		(2015-		No.
				16)		
Jayanta	Domestic Violence: A	Advances in	-	Publishe	2165-4328,	-
Choudhury	Social Issue in Rural	Applied Sociology		d online	2165-433	
& Moutoshi Deb	Tripura	Journal, USA		2015	10.4236/aasoci.2015.5	
					10024	
Ming Zhong,	The Nexus between	Defence and	-	Publishe	1024-2694 (Print)	1 - 12
Tsangyao Chang,	Military Expenditures	Peace Economics,		d online:	1476-8267 (Online)	
Samrat Goswami,	and Economic Growth	Taylor and Francis		2016	10.1080/10242694.20	
Rangan Gupta &	in the BRICS and the	Online			16.1144897	
Tien-Wei Lou	US: An Empirical Note					

3.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/DOI	Page No.
		Magazine		(2015-		
				16)		
Jayanta	Social Security Among The	International Journal	Volume 3	2016	2347-1697	Page no:
Choudhury &	Elderly Persons In Tripura:	of Informative &				3428-3437
Reshmi Ghosh	An Assessment	Futuristic Research				
Jayanta	Decentralization and Local	EPRA International	Volume 4	2016	2349-0187,	pp. 151-159
Choudhury&	Self-Government in Rural	Journal of Economic			2347-9671	
Purbita Gupta.	Tripura	and Business Review				

## 4. Details of publications not reported in category 3:

## 4.1. Books:

Booms.				
All Authors in	Title	Publishers	Year	ISBN
sequence			(2015-	
			16)	
Jayanta	Tribal Development in Tripura : An	Tribal Research & Cultural	2016	978-81-
Choudhury	Assessment of Tribal Sub Plan	Institute, Govt. of Tripura		927167-5-6

4.2. Book Chapters:

4.2. BOOK Chapters	). 						
All Authors	Title of the Chapter	Book	Name of the	Publishers	Year	ISBN	Page
		Editors	Book		(2015-		No.
					16)		
Moumita	Savings and Debt	Sher Singh	Panchayat's	Centre for	July	978-81-	197 -
Suklabaidya &	Pattern of Rural	Sangwan	Role in	Research in Rural	2015	85835-	206
Samrat	Households in	and Gagan	MGNREGA and	and Industrial		76-4	
Goswami	Tripura	Deep	Financial	Development,			
			Inclusion	Chandigarh			
Mrinal Kanti	Empowering Rural	Sher Singh	Panchayat's	Centre for	July	978-81-	269-
Deb	Women by Credit	Sangwan	Role in	Research in Rural	2015	85835-	273
&	Mechanism through	and Gagan	MGNREGA and	and Industrial		76-4	
Arobindo	Panchayat in Tripura-	Deep	Financial	Development,			
Mahato	A case study		Inclusion	Chandigarh			

4.3. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

All Authors	Title	Name of the Journal/	Volume	Year	ISBN/DOI	Page
		Magazine		(2015-16)		No.
Sudipta Das	Hue and Cry for Sanitation	Infrastructural	-	October	978-93-	74-89
&	Infrastructure: A Critical	Development in India with		2015	81631-37-9	
Arobindo	Review with Special	Special Reference to				
Mahato	Reference to Tripura	North-Eastern States				
Mrinal Kanti	Politics around Illegal	Issues, Challenges &	-	2015	978-93-	7-11
Deb	Migration from	Development of North			5207-161-6	
&	Bangladesh: with special	East India				
Arobindo	reference to Assam and					
Mahato	Tripura					

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Jayanta	Women In Rural Local	Indian Journal of	-	February,	ISSN: 0971-	pp. 9-
Choudhury&	Self-Government:	Technical Education		2016	3034	21
Purbita Gupta	Comparative Study	(IJTE)				
	Between Panchayati Raj					
	Institution And Sixth					
	Schedule Areas In The					
	State Tripura, India,					
Prankrishna	Reproductive Health Care	Indian Journal of	-	2016	ISSN 0971-	pp-
Banik &	and Practices Among	Technical Education			3034	102-
Manoshi Das	Primitive Tribal Women In	(IJTE)				114
	The State Of Tripura, India					

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

	Institutions/Agencies other than 7			
Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr. Jayanta Choudhury	National seminar on Educating Tribal Children- issues & challenges with special reference to Tripura	5-6 March, 2016	Institute of Advanced Studies in Education (IASE), Kunjaban, Agartala	Boarding House Stipend for Tribal Students in Tripura-an Assessment
	International seminar on Bangladesh's Neighbours in Indian Northeast: Exploring Opportunities and Mutual Interest	13-14 November, 2015	The Asiatic Society of Bangladesh, Dhaka	Participated
	Statistical Data Analysis Method	18-24 November, 2015	ISRU, Indian Statistical Institute, Kolkata & Dept. of IT, Tripura University	Participated
Dr. Arobindo Mahato	Sixth National Convention, Nagpur (Maharashtra)	9 <sup>th</sup> to 11 <sup>th</sup> October, 2015	Akhil Bharatiya Rashtriya Shaikshik Mahasangh	Educational Status of Tripura with special Reference to RTE- 2009
	Volunteerism for Students	12 <sup>th</sup> to 13 <sup>th</sup> January, 2016 9 <sup>th</sup> -10 <sup>th</sup>	Gandhi Smriti and Darshan Samiti	Expectation and Volunteerism
	UGC Sponsored National Seminar on Infrastructural Development in India with Special Reference to Tripura	October, 2015	Department of Economics, Women's College, Agartala, Tripura&Economic Science Society of Tripura (ESSOT), Agartala, Tripura	Hue and Cry for Sanitation Infrastructure: A Critical Review with Special Reference to Tripura
	Earthquake Management	6 <sup>th</sup> to 8 <sup>th</sup> June,2016	State Institute of Public Administration and Rural Development	Participated
Barnali Roy	Workshop for students to volunteer for constructive work	12 <sup>th</sup> to 13 <sup>th</sup> Jan, 2016	Centre for Gandhian Studies & Department of Rural Management and Development, Tripura University and Gandhi Smriti and Darshan Samiti, New Delhi	Participated
	Research Methodology in Rural Development	26-30 October, 2015	National Institute of Rural Development (NIRD), North Eastern Regional Centre, Ministry of Rural Development, Govt. of India, Jawahar Nagar, Guwahati	Participated
Sudipta Das	UGC Sponsored National Seminar on Infrastructural Development in India with Special Reference to Tripura	9 <sup>th</sup> -10 <sup>th</sup> , October, 2015	Department of Economics, Women's College, Agartala, Tripura & Economic Science Society of Tripura (ESSOT), Agartala, Tripura	Hue and Cry for Sanitation Infrastructure: A Critical Review with Special Reference to Tripura

	Workshop for students to volunteer for constructive work	12 <sup>th</sup> to 13 <sup>th</sup> Jan, 2016	Centre for Gandhian Studies & Department of Rural Management and Development, Tripura University and Gandhi Smriti and Darshan Samiti, New Delhi	Participated
Mrinal Kanti Deb	National Seminar on "Issues, Challenges and Development of North East India: Special Reference to Arunachal Pradesh"	11 <sup>th</sup> to 12 <sup>th</sup> September,2015	Rajiv Gandhi University Research Scholar's Forum, Rajiv Gandhi University, Arunachal Pradesh	Politics Around Illegal Migration from Bangladesh: With Special Reference to Assam and Tripura.
	Workshop for students to volunteer for constructive work	12 -13 Jan, 2016	Centre for Gandhian Studies & Department of Rural Management and Development, Tripura University and Gandhi Smriti and Darshan Samiti, New Delhi	Volunteerism in Today's Society
Moumita Suklabaidya	Research Methodology in Rural Development	26-30 October, 2015	National Institute of Rural Development (NIRD), North Eastern Regional Centre, Ministry of Rural Development, Govt. of India, Jawahar Nagar, Guwahati	Participated
Reshmi Ghosh	National seminar on Educating Tribal Children- issues & challenges with special reference to Tripura	5 <sup>th</sup> & 6 <sup>th</sup> March, 2016	Institute of Advanced Studies in Education (IASE), Kunjaban, Agartala	"Boarding House Stipend for Tribal Students in Tripura-an Assessment"
	Workshop for students to volunteer for constructive work	12 <sup>th</sup> to 13 <sup>th</sup> Jan, 2016	Centre for Gandhian Studies & Department of Rural Management and Development, Tripura University and Gandhi Smriti and Darshan Samiti, New Delhi	Participated
	Research Methodology in Rural Development	26-30 October, 2015	National Institute of Rural Development (NIRD), North Eastern Regional Centre, Ministry of Rural Development, Govt. of India, Jawahar Nagar, Guwahati	Participated
Purbita Gupta	Research Methodology in Rural Development	26-30 October, 2015	National Institute of Rural Development (NIRD), North Eastern Regional Centre, Ministry of Rural Development, Govt. of India, Jawahar Nagar, Guwahati	Participated
Purbita Gupta	Workshop for students to volunteer for constructive work	12 <sup>th</sup> to 13 <sup>th</sup> Jan, 2016	Centre for Gandhian Studies & Department of Rural Management and Development, Tripura University and Gandhi Smriti and Darshan Samiti, New Delhi	Participated
Prankrishna Banik	Research Methodology in Rural Development	26-30 October, 2015	National Institute of Rural Development (NIRD), North Eastern Regional Centre, Ministry of Rural Development, Govt. of India, Jawahar Nagar, Guwahati	Participated

Moutoshi Deb	Research Methodology in	26-30 October,	National Institute of Rural	Participated
	Rural Development	2015	Development (NIRD), North	
			Eastern Regional Centre,	
			Ministry of Rural	
			Development, Govt. of India,	
			Jawahar Nagar, Guwahati	

6. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Dr. Jayanta	RUDSETI, Agartala	21 <sup>st</sup> March,	RUDSETI, Agartala	Entrepreneurship-what? why?
Choudhury		2016		how?
Dr. Jayanta	Swabalamban Training	27th March	SPADE, Kolkata	Training of SHG leaders on
Choudhury	Institute, Agartala			Micro Credit Plan
				Preparation
	Neheru Yuva Kendra, Udaipur,	16 <sup>th</sup> March,	Neheru Yuva Kendra,	Youth as a Change agent in
	Tripura	2016	Udaipur, Tripura	Nation Building Process
Dr. Arobindo	State Institute of Public	21 <sup>st</sup> to 25 <sup>th</sup>	State Institute of Public	Managing Common Property
Mahato	Administration and Rural	September,	Administration and	Resources: Tripura
	Development, Tripura	2015	Rural Development,	Experience
			Tripura	_
	State Institute of Public	15 <sup>th</sup> to 18 <sup>th</sup>	State Institute of Public	Non Farm Activities for
	Administration and Rural	February,	Administration and	Micro Enterprise
	Development	2016	Rural Development	Development

7. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses
			submitted/ Awarded
Mrinal Kanti Deb	Migration from Bangladesh and its Impact on	Dr. Arobindo Mahato	Registered
	Rural Livelihood in North-East India		
Moumita Shukla Baidya	Common Property Resource Management and	Dr. Samrat Goswami	Registered
	Its Impact on Rural Economy: A study in		
	Tripura		
Reshmi Ghosh	Social Security for Elderly Persons in Rural	Dr. Jayanta Choudhury	Registered
	Tripura		
Purbita Gupta	Decentralization and Local Self Government : A	Dr. Jayanta Choudhury	Registered
	Comparative Study on People's Participation in		
	India & Bangladesh		

## 8. Outreach Footprint of the Department:

8. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of Participants
No.				
1	12 <sup>th</sup> to 13 <sup>th</sup> Jan, 2016	2 days	Workshop for students to volunteer for constructive work	125
2	15 <sup>th</sup> to 16 <sup>th</sup> Jan, 2016	2 days	Workshop on using traditional and indigenous folk culture to promote Beti Bachao Beti Padhao initiative in Tripura: A Cultural Interaction	200
3	9 <sup>th</sup> Feb, 2016	1 day	Volunteers campaign in Minority village of Tripura	50

8. B. Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Jayanta Choudhury	Community of Evaluators, Sri Lanka	General Member

## 9. Major thrust area of research:

- Rural Livelihood
- Evaluation Research
- Natural Resource Management
- Education
- Migration
- Gender Issues

10. On-going Research Projects in 2015-16:

Principal	Co-	Funding Agency	Title of the project	Total	Grant	Tenure
Investigator	Investigator			Grant	received	
				(Rs. In	during	
				Lakhs)	the year	
Dr. Jayanta	Dr. Samrat	Indo-German	Impact Monitoring of IGDC	5.44	5.44	6
Choudhury	Goswami	Development Project,	Project			months
		Department of Forest,				
		Govt. of Tripura		2.00	2.00	
Dr. Jayanta	-	Tribal Research &	Impact of Vocational Training	3.00	3.00	6
Choudhury		Cultural Institute, Govt.	Provided to Returnees (post 98)			months
D. I		of Tripura	D.1. CEMD 1 A.1 C.1 1	2.00	2.00	
Dr. Jayanta	=	Tribal Research &	Role of EMR and Ashram School	2.00	2.00	6
Choudhury		Cultural Institute, Govt. of Tripura	in Imparting Education among Tribal Students			months
Dr.		NEUPA	Clench towards RTE-2009 in	1.00		2 moore
Arobindo	-	NEUFA	Elementary Level Education of	1.00	_	2 years
Mahato			North-East, India			
		ONGC		2.95		2
Dr. Arobindo	-	UNGC	Financial support on Rural Reconstruction program for NGO	2.93	-	2 years
Mahato			Management & Entrepreneurship			

11. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

11. NO OI Students q	<b>.</b>		rous puon		mation				11 2013		in the E				
Name of Examinations	Total			Gen		OBC		SC		ST		PH (C Total)		Mino	rity
Name Examinat	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	4	-	4	1	-	1	-	1	-	1	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

2. Details of Stude Name	Sex	Category	Name of the	Designation	Examination	Name of the
	M/F	(GEN/	Organization/Dept.		Body	Examination
		ST/SC/				
		OBC/MIN)				
		[give				
		asterisk * for				
		PwD]				
Solanki Debnath	F	OBC	Tripura High Court	Jr. Administrative	Tripura High	Tripura High
				Asstt	Court	Court
Sandip Sinha	M	OBC	Revenue Deptt., Govt.	Clerical	Govt of	Interview
			of Tripura		Tripura	
Pradip Banik	M	GEN	Revenue Deptt., Govt.	Clerical	Govt of	Interview
			of Tripura		Tripura	
Bapan Sinha	M	OBC	Tripura Fire Service,	Jr. Fire man	Govt of	
			Govt. of Tripura		Tripura	
Pritam	M	Gen	Department of	Panchayat Rural	TPSC	TPSC
Bhattacharjee			Panchayat, Govt. of	Development Officer		
			Tripura			
Bijoy Bhaskar	M	SC	Department of	Panchayat Rural	TPSC	TPSC
Das			Panchayat, Govt. of	Development Officer		
			Tripura			
Chirabrata	M	OBC	Department of	Panchayat Rural	TPSC	TPSC
Debnath			Panchayat, Govt. of	Development Officer		
			Tripura			

Bapan Debbarma	M	ST	Department of Panchayat, Govt. of Tripura Tripura	Panchayat Rural Development Officer	TPSC	TPSC
Abhijit Banik	M	Gen	Tripura Rural Livelihood Mission	Programme Manager	RD Deptt	Interview
Rakhi Das	F	SC	Tripura Rural Livelihood Mission	Cluster Coordinator	RD Deptt	Interview
Ranjit Das	M	SC	Tripura Rural Livelihood Mission	Cluster Coordinator	RD Deptt	Interview
Parbati Paul	F	GEN	Tripura Rural Livelihood Mission	Cluster Coordinator	RD Deptt	Interview
Debalina Bhattacharjee	F	GEN	Tripura Rural Livelihood Mission	Cluster Coordinator	RD Deptt	Interview
Mamata Sukla Das	F	SC	Tripura Rural Livelihood Mission	Cluster Coordinator	RD Deptt	Interview
Pranay Biswas	M	SC	Tripura Rural Livelihood Mission	Cluster Coordinator	RD Deptt	Interview
Koushik Malakar	M	SC	Tripura Rural Livelihood Mission	Cluster Coordinator	RD Deptt	Interview
Suman Debnath	M	SC	Tripura Rural Livelihood Mission	Cluster Coordinator	RD Deptt	Interview
Abhijit Saha	M	GEN	ARKANEER	Jr. Social Scientist	NGO	Interview
Ranjit Das	M	SC	TRLM	Cluster Coordinator	RD Deptt	Interview
Debi Bhattacharjee	F	GEN	TRLM	Cluster Coordinator	RD Deptt	Interview
Dipankar Debnath	M	OBC	Tripura Bamboo Mission	District Project Coordinator	TBM	Written & Viva
Dipankar Debnath	M	OBC	National Health Mission	Sub-divisional ASHA Programme Manager	Tripura Health & Family Welfare Deptt.	Written & Viva
Tutan Saha	M	GEN	VHAT	Social Worker	NGO	Interview
Chayan Deb	M	GEN	National Health Mission	Training Coordinator	Tripura Health & Family Welfare Deptt.	Written & Viva
Sriparna Chakraborty	F	GEN	Help Age India	Programme Officer	Help Age India	Interview
Manidipa Dutta	F	GEN	AGMC	Counsellor	Tripura Health & Family Welfare Deptt.	Interview

13. Awards/Medals/Honours received by the students during the academic year 2015-16:

		J = = = = = = = = = = = = = = = = = = =			
Name of Students	Name of Awards/Medals/Honours	Date of Awards/ Medals / Honours	Awarding Agency/Institution	Remarks	
Mr. Debabrata Das	Indira Gandhi National Service Scheme (Ig Nss) Award For The Year 2014 To 2015.	19 th November, 2015.	Ministry of Youth Affairs And Sports, Government of India at Rastrapati Bhaban, New Delhi.	For his contribution in Social Services in Rural areas	

#### 14. Any other achievements:

- 16 students of MRMD 3rd Semester were involved as Field Investigators for the evaluation study on 'Impact & Implementation of Right to Information Act' conducted by State Institutive of Public Administration and Rural Development (SIPARD) during summer vacation (2015-16)
- Dr. Jayanta Choudhury was recognized as National Expert by Entrepreneurship Development DI, Ahmadabad for the Global Entrepreneurship Monitoring (GEM) survey.
- Dr. Samrat Goswami was selected as Member, State Level Resource Group, for the planning & implementation of Gram Panchayat Development Plan (GPDP), Department of Panchayat, Government of Tripura.
- Development Plan (GPDP), Department of Panchayat, Government of Tripura.
- Mr. Debabrata Das received for donating blood for 15 times; organizing 25 Health camps in remote villages of Mungaikami RD Block; facilitating hospitalization of 100 nos. of Malaria Patents; plantation of 400 trees; awareness campaign on various social problems like Violence Against Women, Drug Addiction, Gambling etc.



Mr. Debabrata Das receiving Indira Gandhi National Service Scheme (IGNSS) Award for the year 2014 to 2015 at at Rastrapati Bhaban, New Delhi.





A two-day workshop for students to volunteer for constructive work was held in the Tripura: University campus. The workshop was organised by Department of Rural Management and Development, Centre for Gandhian Studies, Tripura University with the support of Gandhi Smriti and Darshan Samiti, New Delhi during 12<sup>th</sup> and 13<sup>th</sup> January 2016. With the major objective of Promoting volunteerism for constructive work, the workshop came up with a group of volunteers, enthusiastic to give their service to the society.



Centre for Rural Studies (CRS), Department of Rural Management & Development, Tripura University, on 6-7 April, 2015, Sponsored by Tribal Research and Cultural Institute (TR & CI), Govt. of Tripura



An initiative was taken on 15<sup>th</sup> to 16<sup>th</sup> of January, 2016 at Keprampara, Purba Noagaon, Jiraniya, West Tripura towards promotion of PM Narendra Modi's new program "BETI BACHAO, BETI PADHAO", through using traditional and indigenous folk culture. Around 200 village women were participated in the campaign and experience the importance of women in society.



An excursion cum awareness campaign was organized by the students of Tripura University for anti –tobacco drive in a Muslim area i.e. Devipur village on 9th February 2016. It was an opportunity for the people of the identified area to learn about various aspects of smoking. The campaign was anticipated to help and educate the community about the dangers of smoking, and prompt smokers to quit and stay quit. The campaign demonstrated the real health consequences of smoking and encouragedsmokers in the identified area to quit smoking.

#### DEPARTMENT OF SANSKRIT

Head of the Department : **Dr. Chandan Kumar Chakraborty** 

Year of Establishment : 1977

Programmes on offer : M. A (Sanskrit)

Intake capacity : 80

#### Major Achievements/ Vision of the Department:

Cultivation of Sanskrit learning in the princely state of Tripura has a long and glorious history and the Department is adeptly working towards taking this tradition forward. The Department caters to the need of Sanskrit learners and researchers of Tripura and of neighboring states as in North-East there are very few institutions which offer PG or further research opportunity in Sanskrit. The Department started teaching Sanskrit in Post Graduate level since 1977 under the guidance of Prof. Biswapati Roy. Gradually Professor Sitanath Dey, then Prof. K. P. Sinha headed the Department. With the establishment of full-fledged Tripura University on 2nd October, 1987, Prof. Jyotish Nath & Prof. Shila Purkayastha and at a subsequent period Dr. Sipra Ray and lastly Dr. Chandan Kr. Chakraborty joined in the Department. Many Guest Lecturers also served the Department for a long time. The Department with an intake of 80 students offers P.G. Course in Sanskrit having the Veda, Kavya and Darsana as special papers. Many renowned scholars have visited the Department. Prof. Ramaranjan Mukherjee, Prof. Dhyanesh Narayan Chakraborty, Prof. Asoke Chatterjee, Prof. Karunasindhu Das, Prof. Nabanarayan Bandyopadhyay, Prof. G.S. Tripathi, Prof. Dipti S. Tripathi, Dr. Kameswar Shukla, Mrinala Kanti Gangopadyaya and Prof. Ratna Basu are a few of them.

### 1. Fulltime Faculty Members

Name	Qualification (PG/M. Phil/Ph.D/NET, SLETetc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Chandan Kumar Chakraborty	Ph. D.	Associate Professor & Head	M.A., Course Work, Doctoral Work	Kavya (Literature)	36	07 + 02 (Co- Supervisor)
Prof. Jyotish Nath	Ph. D.	Professor	M.A., Course Work, Doctoral	Veda &Vedanta	35	01
Dr. Sipra Ray	Ph. D., NET	Associate Professor	M.A., Course Work, Doctoral	Kavya	23	-
Dr. Shankar Nath Tiwari	Ph. D., NET	Asst. Professor	M.A., Course Work, Doctoral	Poetics	5	5
Dr. Debaraj Panigrahi	Ph. D.	Asst. Professor	M.A., Course Work, Doctoral	Classical Literature	8	3
Mr. Partha Sarathi Sil	M. Phil., NET, DSW	Asst. Professor	M.A.	Philosophy	2	-
Ms Jay Saha	M. Phil., NET	Asst. Professor	M.A.	Sanskrit Linguistics & Grammar, Sanskrit and MILs, Language Philosophy	2	-

### 2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/MPhil/Ph.D/ NET, SLETetc)	Courses Taught in 2015-16	Research area/interest	No. of years of teaching experience	No. of years of research experience
Belapurkar Charusheela Rajan	P.G., NET	M.A.	Sanskrit Grammar	8	-

- 3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only: NIL
- 4. Details of Publications not reported in category 3:

# 4.1. Book Chapters:

All Authors	Title of the Chapter	Book Editors	Name of the	Publishers	Year	ISBN	Page
			Book		(2015-16)		No.
Chandan Kumar Chakraborty	Some Aspects of the Modern Sanskrit Plays of Birendra Kumar Bhattacharya	Sanjib Kumar Sharma	Dynamic of Culture	Parama Mitra Prakashan, New Delhi – 95	2016	8185970 70X	

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Sipra Ray	Adhunika-Sanskrita-	Achrya	Shrihirak	Devavani	2016	9788185	425-
	Sahitye Sitanath	Ichharam	prabhritam	Parisad,		924167	430
	Acharya: Ekam	Dvivedi		Delhi			
	Samikshatmakam						
	adhyayanam						
Partha Sarathi	Vaisheshik	Ed. Tapan	Prajnamadhuri	Sanskrit	2015	978-93-	Pp.
Sil	Darshananusare Dik:	Shankar		Pustak		83368-	77-
	Ekti Bishleshanatmak	Bhattacharya		Bhandar, 38,		60-0	83
	Adhyan,			Bidhan			
				Sarani,			
				Kolkata-			
				700006			

4.2. Papers in peer reviewed journals published in India:

All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year (2015-16)	ISSN/DOI	Page No.
Sipra Ray	Adhunika-Sanskrita- Sahitye Sitanath Acharya O tar racana	Mrinal Kanti Debnath & Aparna Nath	Ashruta	-	2015	24547859	38-42
	Poetic beauty as reveled in the Hymns of the Atharvaveda	Bhagirathi Biswas	Snithika	-	Vol. I, 2015	24542881	1-5
Shankar Nath Tiwari	Mricchakatikakara- sudrakasya Bhasiki Bhasavaijnaniki cha dristi	Dr. Kameswar Shukla	Surabharati	Dept. of Sanskrit, Guwahati University	Vol. XIV,2015- 16	09764488	-
	Adhumink pariprekshya men Valmiki Ramayan ki prasangikata	Rupesh Chauhan	Vaksudha	Delhi	May –July, 2016	23476605	115- 120
Partha Sarathi Sil	Sanchayitar Gahane Upanisader Tattanveshen	Ed. Tapan Sankar Bhattacharyya	Anviksha, Research Journal, Department of Sanskrit (Refereed Journal), Vol. 37	Jadavpur University, Kolkata	March, 2016	0587-1646	Pp.237- 240
Bulti Das	Prof. Abhiraja Rajendra Mishra vyaktitva evam krititva	Dr. Manoj Kumar	Vaichariki	Mujafarpur, Bihar	Vol. V, Issue 4, Dec2015	22498907	337- 340

4.3. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

All Authors	Title	Name of the Journal/	Volume	Year(2015-	ISBN/DOI	PageNo.
		Magazine		16)		
Chandan	Teaching of Sanskrit	Essays on Sanskrit	1 <sup>st</sup>	2016	9788186772874	7-12
Kumar	Through Sanskrit	Studies	Edition			
Chakraborty						
Sipra Ray	Status of Sanskrit Studies	Essays on Sanskrit	1 <sup>st</sup>	2016	9788186772874	1-6
	in Tripura- Past & present	Studies	Edition			
Debaraj	Poetic Splendor of Sri-	Essays on Sanskrit	1 <sup>st</sup>	2016	9788186772874	13-23
Panigrahi	Rajaratnkaram	Studies	Edition			

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

organized of	organized by institutions, regeneres other than impara oniversity without publications of fair paper. (Maximum i per person)						
Name	Conference/ Seminar/	Date	Organized by	Title of the paper presented			
	Workshop attended						
Dr. Chandan	National Seminar on	28-	Department of Sanskrit,	Sanskrit Teaching Through			
Kumar	Sanskrit Studies: Its Past,	29/07/2015	Ambedkar College, Fatikroy,	Sanskrit			
Chakraborty	Present & Future with		Tripura				

	special reference to Tripura			
	4-day International Seminar	27- 30/12/2015	Special Centre for Sanskrit Studies, JNU, New Delhi	Reflections of Vedantic Wisdom in Indian Cultural
	Certificate Programme in Book Publishing	07- 14/07/2015	Department of English, TU & NBT, New Delhi	Participated
Dr. Sipra Ray	National Seminar on Sanskrit Studies: Its Past, Present & Future with special reference to Tripura	28- 29/07/2015	Department of Sanskrit, Ambedkar College, Fatikroy, Tripura	Status of Sanskrit Studies in Tripura- Past & present
	National Seminar on Contribution of Shraman Tradition (Boudha-Jaina) in the Development of Indian Culture	26- 27/11/2015	Rastriya Sanskrit Sansthan, Ekalavya Campus, Agartala	Satyabratashastri-biracitam Sri Bodhisattvacaritam – Samikshatmakamadyayanam
	National Seminar on ICT, Knowledge Society & Sanskrit	11- 12/03/2016	Department of Sanskrit & Mass Communication, Assam University	Samsktitashikshane Samganaksya upayoagita
	Two-days International seminar on One hundred & Fifty years of Bengali Kathasahitya	05- 06/04/2016	Department of Bengali, Govt. Degree College, Kamalpur, Tripura	Bimal Singher Kathasahite Sadharan manuserSamajik O Arthanitik Jibaner pratichhabi.
Dr. Shankar Nath Tiwari	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	The Culture and Tradition of Tripura (Jointly Presented with Paulami Majumder)
Dr. Debaraj Panigrahi	Certificate Programme in Book Publishing	07- 14/07/2015	Department of English, TU & NBT, New Delhi	
	National Seminar on Sanskrit Studies: Its Past, Present & Future with special reference to Tripura	28- 29/07/2015	Department of Sanskrit, Ambedkar College, Fatikroy, Tripura	Poetic Splendor of Sri- Rajaratnkaram
	2-day National Seminar on Contribution of Sramana Tradition (Bouddha & Jaina) in the Development of Indian Culture	26- 27/11/2015	Rastriya Sanskrit Sansthan, Ekalavya Campus, Agartala	Tantic Buddhism in Odisha: A Mirror image
	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Contribution of Sanskrit to the Custom and Ritual Practice (Jointly presented with Partha Samanta)
Partha Sarathi Sil	Regional Workshop on Prevention of Substance (Drug) Abuse	15 <sup>-</sup> 17/06 2015	Ministry of Social Justice and Empowerment, Govt. of India & NSS Regional Directorate, Ministry of Youth Affairs & Sports, Govt. of India, NEHU, Shilong	-
Partha Sarathi Sil	International Conference of Indologists	21-23 <sup>/</sup> 11/ 2015.	Rastrapati Bhavan New Delhi	-
	22 <sup>nd</sup> International Congress of Vedanta	27-30 December, 2015	SCSS, JNU & Centre for Indic Studies, University of Massachusetts, Dartmouth, USA	Coordinated one Technical Session
	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Tantramatanusaaram Tripurasundarirahasyam

# **Annual Report 2015-16**

Jay Saha	22 <sup>nd</sup> International Congress of Vedanta	27-30 December, 2015	SCSS, JNU & Centre for Indic Studies, University of Massachusetts, Dartmouth, USA	Source of Morality: Vivekananda & Schopenhauer (poster presentation)
	22 <sup>nd</sup> International Congress of Vedanta	29 <sup>th</sup> December	SCSS, JNU & Centre for Indic Studies, University of Massachusetts, Dartmouth, USA	Coordinated one Technical Session: Interpretation of Key Texts
	One Week Workshop on Different Aspects of Paniniyan Grammar (co- organizer)	14- 20September, 2015	Cooch Behar College, Cooch Behar, WB	-
	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Salient Features of the Bengali Dialects of Tripura
Belapurkar Charusheela Rajan	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Tripura-rajyasya Vanaspati- shastradrisha Adhyayanam
Priyanku Chakraborty	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Tripura Rajmalaya Devatamura Prasanga
Partha Samanta	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Contribution of Sanskrit to the Custom and Ritual Practice (Jt. presented with Dr. Debaraj Panigrahi)
Paulami Majumder	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	The Culture and Tradition of Tripura(Jointly Presented with Dr. Shankar Nath Tiwari)
Binapani Das	2-day National Seminar on Purvottar Bharat ka Katha Sahitya	03- 04/03/2016	Department of Hindi, TU with collaboration of GAIL, India Ltd. and Kendriya Hindi Sansthan	Tripura Ka Katha sahitya
	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Traipuriyopajatishu vaivahika-samskarah
Rita Pal	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Tripurar upajatider Lokanritya
Bulti Das	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Tripura rajya ki Lokasanskrit charcha
	2-day National Seminar on Purvottar Bharat ka Katha Sahitya	03- 04/03/2016	Department of Hindi, TU in collaboration with GAIL, India Ltd. And Kendriya Hindi Sansthan	Katha Sahityakar kalipad Chakraborty ki kahianiyon ka vivechan

Anindita Adhikari	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Hayagiava in the Agamas
Rajesh Saha	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Tripurar natya charcha: ekti gahan Adyayan
Priyanka Saha	3-day National Seminar	14- 16/02/2016	BLUE HOPE, Maligaon, Guwahati in collaboration with MSRVP, Ujjain	A note on Valmiki's poetical technique to build his Ramayana on the basis of the Rama-Stories of Oral Literature
	3-day National Seminar on Text, Manuscripts & Oral Traditions of Tripura, sponsored by IGNCA, New Delhi	16- 18/03/2016	Department of Sanskrit, TU in collaboration with IGNCA, New Delhi	Sin (Papa) and Expiation (Prayashcita) in the Vedic Literature – A study

6. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ summer or Winter School etc.:

Name	Place	Date	Organization Organization	Title of Invited talk
Dr. Chandan	Ambedkar College,	28-	Department of	National Seminar on Sanskrit
Kumar	Fatikroy, Tripura	29/07/2015	Sanskrit	Studies: Its Past, Present &
Chakraborty				Future with special reference to
				Tripura
	Ambedkar College,	28-	Department of	Chaired one Technical Session
	Fatikroy, Tripura	29/07/2015	Sanskrit	
Dr. Sipra Ray	Rastriya Sanskrit Sansthan,	19-	Department of	Status of Sanskrit studies in
	Ekalavya Campus, Agartala	23/12/2015	Education in	Tripura
			languages, NCERT	
	SCERT, Agartala	30/06/2016	CCRT, Delhi	Indian languages – Bridging the
				barriers
Dr. Debaraj	Agartala	25/04/2016	Samskrita Bharati	As Sarasvata Vakta
Panigrahi				
Jay Saha	Thakur Panchanan Mahila	08/10/2015	Dept. of Political	Different Gender Constructs in
	Mahavidyalaya,Cooch		Science & Dept. of	Sanskrit Literature
	Behar		English	
	Thakur Panchanan Mahila	16 <sup>th</sup>	Dept. of Sanskrit	Utility and Adversity of the
	Mahavidyalaya, Cooch	September,		Study of Sanskrit in Modern Era
	Behar	2015		

7. Ph.D. Scholars registered/Thesis submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/ Thesis submitted/ Awarded
Smt. Sohini Deb (Nandi)	A Study of the Vedic Elements in the Dramas of Kālidāsa	Prof. Sila Purkayastha (Rtd.) & Co-Guide Dr. Chndan Kumar Chakraborty	Thesis Submitted
Sri Partha Samanta	Human Values as Reflected in the Vedic Samhitās	Dr. Debaraj Panigrahi	Thesis Submitted
Sri Rameswar Bhatttacharya	Prāchin Bhāratīya Chintane Kāla: Ekti Adyayan	Dr. Chandan Kumar Chakraborty	Thesis Submitted
Sri Shankar Pal	A Reflection of Human Values in Śrīmadbhāgavad-gītā: A Study	Prof. Sita Natha Dey & Co- Guide Dr. Chndan Kumar Chakraborty	Thesis Submitted
Sri Rananjoy Bhattacharjee	Taittirīya Samhitā: A Critical Study	Dr. Chndan Kumar Chakraborty	Thesis Submitted
Smt. Poulami Majumder	paṇḍitadevarājaśarmapraṇīta nānakacandrodaya-mahākavyasya viśleṣaṇātmakam-adyayanaṃ	Dr. Shankar Nath Tiwari	Registered

# 8. Outreach Footprint of the Department:

8.A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

S1.	Date	Duration	Title	No. of Participants
No.				
1	05/10/2015	One day Special Lecturer	Basics of Speaking in Sanskrit Grammar	Approximately 100
2	18/01/2016	One day Special Lecturer	The method of studying the Paninian Grammar	Approximately 100
3	16-18/03/2016	3-day National Seminar	Texts, Manuscripts and oral Traditions of	Approximately 100
			Tripura	
4	11/05/2016	One day Special Lecturer	The Entirety of the Valmiki-Ramayana	More than 100

8.B. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership	
Dr. Chandan Kumar Chakraborty	All India Oriental Conference	Life member	
	Bhandarkar Oriental Research Institute	Life Member	
Dr. Sipra Ray	Rabindra parisad, Agartala	Life member	
	North-East Indian history Association	Life member	
	All India Oriental Conference	Life member	
	Bhandarkar Oriental Research Institute	Life Member	
	Tripura Bangla Sahitya Samskriti Samsad, Agartala	Life Member	
Dr. Shankar Nath Tiwari	AIOC, BORI, PUNE	Life member	
	National Book Trust, New Delhi	Member	
Dr. Debaraj Panigrahi	Purusottam Research Academy of Indology,	Founder member	
	Puri, Odisha		
	AIOC, BORI, PUNE	Life member	
	National Book Trust, New Delhi	Member	
Jay Saha	Bharatgaurab Anundoram Borooah Sanskrit Bhavan,	Organizing Secretary	
	Guwahati, Assam. Pin - 736101		

8.C. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Debaraj Panigrahi	Refresher Course	Kannnur University, Kannur, Kerala	3 weeks	02/12/2015 -23/12/2015
Dr. Shankar Nath Tiwari	Refresher Course	Ranchi University	3 weeks	03/03/2016 - 23/03/2016

- 9. Major thrust area of research: Sanskrit Literature
- 10. New initiatives/Innovations: Creative works in modern Sanskrit Literature, Comparative study

11. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

1. No of students quantited in various public examinations in the Academic year 2013-16 from the Department:															
Name of Examinations	Total		Gen OBo		OBC SC S		ST		PH (Out of Total)		Mino	Minority			
Nan Exami	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	5	2	7	1	-	2	1	2	1	-	-	-	-	-	-
GATE	-	-	=.	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	=.	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	=.	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	=.	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	=.	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies with Examination; \*\*Students Opting for Higher Studies without Examination.

12. Awards/Medals/Honours received by the students during the academic year 2015-16:

Name of	Name of Awards/	Date of Awards/	Awarding Agency/Institution	Remarks
Students	Medals/Honours	Medals/Honours		
Raju Das	taju Das 3 <sup>rd</sup> Prize in Judo March, 2016		Ministry of Youth affairs &	National Level North
			Sports, Govt. of India	Eastern Games

#### DEPARTMENT OF SOCIOLOGY

Head of the Department : **Dr.SharmilaChhotaray**, **Head** (i/c)

Year of Establishment : 2011

Programmes on offer : **IMD, MA &Ph.D** 

Intake capacity : 20 (MA) & for Ph.D depending on the seat allocation in the Department

#### Major achievements/ Vision of the Department:

- From the first three M.A batches the departmenthas produced NET/JRF qualified students, 1 NET and 1SLET in April 2016.
- Developed two modules in UGC e-PG Pathsala by the faculty member.
- An UGC Major Research Project has been awarded to the faculty of the department.
- Participatory Theatre performed by National School of Drama (TIE wing) as a most pioneering and innovative educative tool was organized by the Department.
- Coordinated a Certificate course"Contemporary Childhood and Indian Society" for the students of Theatre in Education, NSD, Agartala
- Invited three Visiting Fellows- two eminent senior Sociologists from Kolkata and one Professor of Religion from Canada that not only promoted interdisciplinary teaching and research, but also a ground for future academic collaborations.
- Organised eight special lectures purely from multidisciplinary perspectives from religion to theatre, from sexual harassment to earthquake and development to social sectors.
- Collaborated a workshop on statistics with Microbiology Department is a landmark achievement as part of transdisciplinary workshop first time in its own kind in the University.
- Initiated two foreign collaborations (University of Sasketschawn, Canada & Dhaka University, Bangladesh) for academic exchange.
- Established a Departmental Library solely for the students of the Department by pooling personal books and course readers from the faculties of the Department.
- Introduced 12 Students' internship program to monitoring of Pulse Polio Activity in Rural and Urban Tripura invited World Health Organization, Country Office for India, Agartala for 11 days in the month of January, February & April, 2016
- Visions of the Department:
- Promotion of transdisciplinary research and teaching through inviting visiting fellows across the country and abroad. The
  Department has already in communication with Prof. T.K. Oommen (former Professor of JNU & Past President of
  International Sociological Association). The Department also has a standing invitation to Prof. KaziMoruful Islam,
  Professor of Development Studies on Dhaka University, Bangladesh.
- A MoU between Tripura Bamboo Mission of AL&FS and Sociology Dept., Tripura University as part of academic-industry interface will be established. This collaboration is mainly for the students' internship, placement and collaborative projects with Tripura Bamboo Mission.
- Research and internship with Centre for Forest and Livelihood Extension, Gandhigram will be extended.
- Planning to publish the E-learning module 'Qualitative Research Methods'in MOOC/UGC E-Pathsala.
- A workshop on 'Doing Sociology' for the college teachers is proposed to be organized in the month of September.

### 1. Fulltime Faculty Members :

Name	Qualification (PG/ M.Phil/ Ph.D/ NET, SLET etc.)	Designation	Courses taught in 2015- 16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr.Rajeev Dubey	M.A, M.Phil, Ph.D	Assistant Professor	Research Methodology 1 Sociology of Education Sociology of Religion Research Methodology-2 Dissertation	Sociology of Religion, Sociology of Education and Sociology of Gender	5.4 years	3
Dr.Sharmila Chhotaray	M.A, M.Phil, Ph.D	Assistant Professor	Sociological Concepts Research Methodology 1 Sociology of Communication Gender & Society Dissertation	Sociology of Popular Culture, Gender and Communication, Qualitative Sociology, Gender and Development	6.4 years	3

2. Guest Teachers/Contract Teachers:

Name	Qualification		Research	No. of	No. of years
	(PG/M.Phil/Ph.	Courses Taught in 2015-16	area/interest	years of	of research
	D/NET,			teaching	experience
	SLETetc.)			experience	
Surajit	M.A, M.Phil	Sociological Theories-I,	Gender and	4.4 Years	5 years
Debnath	SLET	Sociological Theories-II,	Law, and		
		Indian Society: Approaches and Structure,	Political		
		Economy and Society	Sociology		
		Society in India			
		Contemporary Social Problems in India			
Lilypar	M.A	Sociological Concepts	Sociology of	4.4 Years	6 months
Hrangkhawl	(Anthropology),	Sociology of Family Life &Kinship in	Education		
	B.Ed, M.A	India			
	(Education) NET	Research Methodology-I			
		Techniques of Social Research			
		Basic Concepts in Sociology			
		Methodology in Social Research			
		Sociological Thought			
Dr. Veronica	M.A., M.Phil,	Indian Society- Approaches and Structure	Social	Less then 1	5 Years
Khangchian	PhD. NET		Conflict,	Year	
			Ethnicity,		
			Poverty		

3. Visiting Teacher/ Visiting Fellow:

5. Visiting Teacher	isting renow.	
Name	Topics of courses/lectures taught in	Institution affiliated with now/previously (if retired)
	Tripura University	
Prof. Swapan K.	SOC-301- Sociological Theories-II,	Retd. Professor of Sociology, University of Calcutta and
Pramanick	SOC-704- Research Methodology-I	Former Vice-Chancellor, Vidyasagar University, West
		Bengal
Prof. Abhijit Mitra	SOC 802C- Indian Society- Approaches	Retd. Professor and Head of the Department of
	and Structure	Sociology, Burdwan University
Prof. Braj M. Sinha	SOC 402- Sociology of Religion	Professor of Religious Studies, Department of Religion
		and Culture, University of Saskatchewan, Canada

- 4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only: NIL
- 5. Details of Publications not reported in category 4:

### 5.1.Books:

All Authors in	Title	Publishers	Year	ISBN
sequence			(2015-16)	
SurajitDebnath Crime Against Women with reference to		Akansha Publishing	2016	978-81-8370-
	498A: Case Studies	House, New Delhi		453-3

5.2. Papers in peer reviewed journals published in India:

	Train		X7.1 NT.	<b>37</b>	ICCN/DOI	D
All Authors	Title	Name of the Journal/	Vol. No	Year	ISSN/DOI	Page
		Magazine		(2015-16)		No.
Rajeev Dubey	Women in New Hindu	Women's Link Journal of	Vol.21	2015	2229-6409	p.p-2-8
	Religious Movements: A	Indian Social Institute,				
	Sociological Analysis	New Delhi				
Rajeev Dubey	University-Industry	University News, Journal	Vol.53	2015	0566-2257	p.p-9-
	Interface: Problems,	of Association of Indian				12
	Paradoxes and Possibilities	Universities				

6. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr. Sharmila Chhotaray	Fulfilling the Dream of Hon'ble Prime Minister to Provide Toilet in Each Household by 2019 – Challenges and the Way Ahead	19-20 November, 2015	Sulabh International, New Delhi	Discussant: CSR intervention in Sanitation and its Impact on facilitating social and environmental change; and outreach excluded and marginalised communities: Liberation, Empowerment, and Mainstreaming of Scavengers

Dr. Sharmila Chhotaray	'Life, Language and Culture'	20- 25February, 2016	Gano Biswavidyalay & Jahangir nagar University, Savar Dhaka Bangladesh	Odia Gender Identity: Appropriation of Patriarchal values
Dr. Sharmila Chhotaray	Associates Seminar	20-24June, 2016	Indian Institute of Advanced Studies, Shimla	Integrating and Resisting the 'Other': The Contemporary History of Emerging Tribal Identity in Tripura
Dr. Rajeev Dubey	Associates Seminar	17-18July, 2015	Indian Institute of Advanced Studies, Shimla	Rapid Social Change and Guru Movement inContemporary India
Dr. Rajeev Dubey	1st Conference on 'Life, Language and Culture'	20- 25February, 2016	Gano Biswavidyalay & Jahangir nagar University, Savar Dhaka Bangladesh	Cultural Potential of Religious Movements: A Case Study of Ramakrishna Movement
Sudeshna Chanda	National Seminar on "CurrentTrends of Development inCommunication, Innovation and Creativity in India"	27-28 February 2016	Holy Cross college, Lembuchara, West Tripura	Understanding Soap as Women's Genre from Text to Context
Rashmi Das	National Workshop on 'Research Methodology in Performing and Visual Arts'	2-5 November, 2015	SOPVA, IGNOU, New Delhi	Participated
Fancy Jamatia	Orientation Workshop on 'Qualitative Research Methods in Education'	27 July-14 August, 2015	Department of Educational Policy, NUEPA, New Delhi	Participated
Synem Hrangkhawl	4 <sup>th</sup> Sustainable Mountain Development of Summit	7-9 October, 2015	Integrated Mountain Initiative, New Delhi	Disaster Risk Reduction, Mountain Agriculture and Forest

7. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

7. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ workshop/ Summer or winter School					
Name	Place	Date	Organization	Title of Invited talk	
Dr.	Seminar Hall	1-	National	Contemporary India and Childhood Seminar- 4 &	
SharmilaChhotaray		12February,	School of	8 (Cultural stereotypes and social stigma: Issues of	
		2016	Drama (TIE	gender inequality and justice, Media, society and	
			wing,	role of parents)	
			Agartala		
Dr.	NazrulKalakshetra	26 March,	Center for	Panelist of Side-Event Seminar on 'Scoping of	
SharmilaChhotaray		2016	Forest and	Value Chain Management on selected NTFPs for	
			Livelihood	Livelihood Development in NE Region'	
			Extension		
Dr.	Smart class room	28	Women's	Women Empowerment	
SharmilaChhotaray		November,	College,		
•		2015	Agartala		

8. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Ms. Synem Hrangkhawl	Women in New Hindu Religious Movements: An	Dr. Rajeev Dubey	Registered
	Ethnographic Study of Brahma Kumaris		
Lalmalsawmi Sailo	A Sociological Study of Tribal Dance as Cultural	Dr. Sharmila	Registered
	Identity among the Lushais of Tripura	Chhotaray	

# 9. Outreach Footprint of the Department:

An Educational Tour was organized to Bagma Village, Udaipur, South Tripura by the Department of Sociology on 19.04.2016 and 20.04.2016. The tour was for sociological observation of the celebration of Garia Puja by the Jamatia Tribes as part of the course Sociology of Religion.

# 9. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Duration	Title	Nature of Prog	No. of Participants
1.	15 August 2015	2 hours	Prof. Abhijit Mitra on 'Sociology and Everyday Life' and 'Understanding the Popularity of Fairy Tales'	Two Special Lectures	80
2.	5-9 January 2016	5 Days	Statistics workshop on 'Elementary Statistics, Quantitative and Computational Statistics'	Workshop (Jointly organized by Dept. of Sociology and Dept. of Microbiology)	60
3.	8 March 2016	1 hour 40 minutes	In the name of an Unborn Baby	Participatory Theatre by National School of Drama (TIE)	200
4.	16 March, 2016	2 hours	Shri Narendu Bhattacharya, a Talkon 'Earthquake in the North East India'	Talk	50
5.	1 April 2016	2 hours	Prof. Ravi Chaturvedi on 'Social Stratification and Indian Theatre'	Special Lecture	60
6.	22 April 2016	2 hours	Prof. Braj M. Sinha on 'Scientific Temper and Social-Humanistic Orientation: Dimensions of Research Intensiveness in a Modern University'	Distinguished Lecture	200
7.	5 April 2016	1 hour 45 mints	Sri. Purushottam Roy Burman(Lawyer) Dr. Abhijit Mitraon 'Gender Sensitization on Sexual Harassment'	Workshop	60
8.	9 May2016	1 hour	Prof. Manish Verma Development, Marginalization and Social Movement	Special Lecture	40
9.	9 May2016	1 hour	Shri. Kedar Panda Collaborating Industry	Special Lecture	40

9. B. Participation in E-Content creation programmes such as e-PG Pathshala, NME-ICT, MOOCs:

Sl. No.	Faculty Names	Title of E-Content	No. of	Available or Not
	-		Hours	
1.	Dr. Rajeev Dubey	Theoretical Sampling,	-	Yes
		Saturation, and		UGC e-PG Pathsala: Sociology, 2015
		Grounded Theory		
2.	Dr. Rajeev Dubey	New Religious	-	Yes
		Movement		UGC e-PG Pathsala: Sociology, 2015

#### 9. C. Interaction with Industry/ NGO/ Govt. Organization:

2. C. III	. e. merueron wan mausit j. 1.00, 00 tt. organization.										
Sl.	Faculty Names	Name of Industry/	Location of	MOU	Any Grant	Student					
No.		NGO	Industry	Signed?	Received?	Placed?					
				(Yes/No)	(If yes value in	(If yes No.)					
					Lakhs)						
1	Dr. Sharmila Chhotaray	Al&FS (Tripura	Agartala	On Process	No	Applied					
		Bamboo Mission)									

9.D. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership	
Dr. SharmilaChhotaray	Indian Sociological Society	Life Member	
Dr. Rajeev Dubey	Indian Sociological Society	Life Member	
Dr. Rajeev Dubey	International Sociological Association	Regular Member	
Ms. Rita Chakma	Indian Sociological Society	Life Member	

9.E. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date	
Dr. Sharmila Chhotaray	2nd Spell of Teacher	Indian Institute of Advanced	30 days	1-30 June 2016	
Dr. Shariina Cimotaray	Associate	Studies, Shimla	30 days	1-30 June 2010	

#### 10. Major thrust area of research:

Popular Culture & Performance, Sociology of Religion, Sociology of Education, Gender studies, Tripura Tribal, Social Change.

#### 11. New initiatives/Innovations:

- For the first time in the University, the Department of Sociology organized a participatory theatre performance 'In the Name of an Unborn Baby', based on the issue of female infanticide on the eve of International Women's Day, 8 March 2016. This participatory theatre has been a 1hr 40 mins play performed by the students of National School of Drama and the student participants of Tripura University, to make the participants involved and make them thinking about the issue of gender stereotypes, killing of female fetus, and justice. The initiative has been a great success.
- Introduced successfully learning from the field as apart of pedagogy an educational tour was organized to Bagma Village, Udaipur, South Tripura by the Department on 19.04.2016 and 20.04.2016. The tour was for field observation of Garia Puja by the Jamatia Tribes as part of the course Sociology of Religion.
- There are 12 Master Dissertations on a focused theme 'Changing Social Structure of Tripura Tribal's' based on empirical
  data in 12 villages in Tripura is submitted in June 2016 as a part of beginning to contribute to the newly emerging
  Sociological studies of Tripura tribes in Tripura. A monograph is on the process of publication of the selected research
  papers by students.
- Short term students' internship program with World Health Organisation, Agartala for monitoring Pulse Polio program in Rural and Urban Tripura.
- Initiated a Department Library exclusively for the students and research scholars of the department in September 2015.

12. A. Teaching Laboratory/ Research Laboratory: 04

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
2	2	-

13. On-going Research Projects in 2015-16:

Principal	Со-	Funding	Title of the project	Total Grant	Grant received	Tenure
Investigator	Investigator	Agency		(Rs. in Lakhs)	during the	
					year	
Dr. Rajeev	-	UGC-Major	Socialising Process	Rs.11,36,000/-	Rs.6,50,000/-	2015-
Dubey (PI)		Research	in New Hindu	(Eleven Lakhs		2018
		Project	Religious Movements: A	Thirty Six		
			Comparative Study	Thousand)		
			of Brahma Kumaris and			
			Ramakrishna			
			Mission			

14. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

14. No of students of	14. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:														
Name of Examinations	Total		Gen	Gen OBC		SC ST			PH (Out of Total)		Minority				
Name Examina	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	3	-	3	-	-	-	-	-	-	3	-	-	-	-	-
SLET	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	2	-	2	-	-	-	-	-	-	2	-	-	-	-	-
SWO**	-	_	-	-	-	-	-	-	-	-	_	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

15. Details of Student's Placement known to the Department:

Name	Sex M/F	Category (GEN/ ST/SC/ OBC/MIN)	Name of the Organization/ Dept.	Designation	Examination Body	Name of the Examination
		[give asterisk * for PwD]				
Amit Kr. Deb	M	GEN	National Health Mission, Health and Family WelfareDepartment, Tripura	Consultant-Rashtriya BalSwasthya Karyakram(RBSK)	State Health & amp; Family WelfareSociety	Interview

16. Awards/Medals/Honours received by the students during the academic year 2015-16:

Name of Students	Name of	Date of	Awarding	Remarks
	Awards/Medals/Honours	Awards/Medals/Honours	Agency/Institution	
Bibaljoy Reang	Bronze Medal	November, 2015	Inter College Cricket	-
			Tournament	
Thomas Malsom	Appreciation Certificate	17-21 January, 2016	World Health Organization	-
Kushan Debbarma	Appreciation Certificate	17-21 January, 2016	World Health Organization	-

# 17. Any other achievements:

- Four research papers in books and journals are accepted in various national peer-reviewed journal by faculty members and research scholars.
- A book and one edited book are under review with the publisher.

### DEPARTMENT OF BOTANY

Head of the Department : Prof. Ajay Krishna Saha

Year of Establishment : 2007

Programmes on offer : M.Sc. Botany
Intake capacity : 26 seats

### Major Achievements/ Vision of the Department:

The Department of Botany offers M.Sc. and Ph.D. degree to the qualified students from various states of India. The Faculty members of the Department are actively engaged with research and presently run seven major research projects in collaboration with reputed Central Institutes. In recognition of research output, the Department received grants separately from DST (FIST) and UGC (SAP) for strengthening of infrastructure. Our endeavouris to inventorize and establisha digital database for the phytoresources of Tripura. The venture of the Department is to excel in quality research so as to uplift the Department as Centre of Excellence. The department also runs a skill oriented P.G. Diploma Programme in Bamboo Cultivation and Resource Utilization (BCRU) since 2007.

1. Fulltime Faculty Members :

<ol> <li>Fulltime Fac</li> </ol>	ulty Members	:				
Name	Qualification (PG/MPhil/ Ph.D/NET, SLETetc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Sangram Sinha	Ph.D	Professor	Cytogenetics, Molecular Biology, Plant Physiology & Plant Breeding	Cytogenetics & Plant Breeding	34	01
Dr. Rabindra Kr. Sinha	Ph.D	Professor	Cytogenetics, Molecular Biology, Plant Physiology & Plant Breeding	Cytogenetics & Plant Biotechnology	24	03
Dr. Badal Kumar Datta	Ph.D	Professor	Plant Taxonomy, Cryptogamic Botany, Gymnosperm, Paleobotany	Taxonomy & Plant Biodiversity	21	06
Dr. Ajoy Krishna Saha	Ph.D	Professor	Mycology, Plant Pathology, Cryptogamic Botany, Microbiology	Mycology and Plant Pathology	29	07
Dr. Surochita Basu	Ph.D/ NET	Assistant Professor	Cytogenetics, Molecular Biology, Plant Physiology, Plant Breeding, Cryptogamic Botany, Pharmacognosy	Cytogenetics & Cell Biology	06	01
Dr. Panna Das	Ph.D/ NET	Assistant Professor	Mycology, Plant Pathology, Microbiology, Plant Ecology, Plant Biodiversity	Microbiology	06	04

# 2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/MPhil/ Ph.D/NET, SLETetc)	Courses Taught in 2015-16	Research area/interest	No. of years of teaching experience	No. of years of research experience
Dr. Anjan Banerjee,	Ph.D	Plant Physiology &	Molecular Biology &	07	25
IISER, Pune		Biochemistry	Plant Physiology		
Dr. Bhushan Dholakia,	Ph.D	Plant Physiology &	Molecular Biology &	-	10
NCL, Pune		Biochemistry	Plant Physiology		

3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura	Institution affiliated with now/previously
	University	(if retired)
Prof. G.G. Maiti	Taxonomy	University of Kalyani
Prof. A. Bhattacharyya	Plant Physiology & Biochemistry	University of Burdwan
Prof. L. Sahoo	Molecular Biology	IIT, Guwahati
Dr. S. Guha Roy	Plant Pathology	West Bengal State University

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

4.1. Publications in peer reviewed Journalspublished outside India (International):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015-16)	ISSN/DOI	Page No.
Joyeeta Dey and Rabindra Kumar Sinha	Carbon and nitrogen metabolites in some ethno-botanical weed legumes of Tripura during their seasonal maturity of growth	Annals of Biological Research	6	2015	0976-1233 CODEN (USA): ABRNBW	1-3
Majumdar K, Datta B K.	Cachar tropical semi-evergreen forest type of Northeast India: status of species diversity, distribution and population structure	Proceedings of the International Academy of Ecology and Environmental Sciences	5	2015	2220-8860	104- 127
Majumder J., Majumdar K., Bhattacharjee P. P., and Agarwala B. K.	Inventory of mammals in protected reserves and natural habitats of Tripura, northeast India with notes on existing threats and new records of Large Footed Mouse-eared Bat and Greater False Vampire Bat	Check List: Journal of species lists and distribution	11	2015	1809-127X/ 10.15560/11.2 .1611	1-11
Majumdar K, Datta B K.	Effects of anthropogenic disturbances over the vegetation diversity and structure: a case study in the remnant forests surrounding the village ecosystems of Tripura, Northeast India	Chinese Journal of Population, Resources and Environment	13	2015	2325-4262/ 10.1080/1004 2857.2015.10 59791	332- 340
Atithi Debnath, Pintu Karmakar, Sanjit Debnath, Aparajita Roy Das, Ajay Krishna Saha Panna Das	Arbuscular mycorrhizal and dark septate endophyte fungal association in some plants of Tripura, North-East India	Current Research in Environmental & Applied Mycology	5	2015	2229- 2225	398 -407
Kishan Saha, Rabindra Kumar Sinha, Surajit Basak, Sangram Sinha	ISSR Fingerprinting to Ascertain the Genetic Relationship of <i>Curcuma</i> sp. of Tripura	American Journal of Plant Sciences	7	2016	10.4236/ajps.2 016.72025.	259- 266
Sangram Sinha, Kanika Karmakar, Ravi S. Devani, Jayeeta Banerjee, Rabindra K. Sinha and Anjan K. Banerjee	Preparation of Mitotic and Meiotic Metaphase Chromosomes from Young Leaves and Flower Buds of Coccinia grandis	Bio-protocol	6	2016	2331-8325	-
Puja Rani Saha, Sangram Sinha and Rabindra Kumar Sinha	Intra- Specific Pollen size variability in <i>Hyptissuaveolens</i> (L.) Poit.: an ethnomedicinal weed taxon of Lamiaceae	Journal of Plant Sciences	4	2016	2331- 0723(Print) 2331- 0731(online) 10.11648/j.jps. 20160403.12	41- 45

Majumdar K, Datta	Effects of patch size and	Journal of	13	2016	1993-0321 /	1397
B K.	disturbances on diversity and	Mountain Science			10.1007/s1162	-
	structural traits of tropical semi-				9-015-3686-4	1410
	evergreen forests in the part of					
	Eastern Himalaya Region:					
	implication for conservation of					
	some globally threatened trees					
Majumdar K,	Changes of woody species	Journal of Forestry	27	2016	1993-0607/	787-
Choudhury B K,	diversity, horizontal and vertical	Research			10.1007/s1167	798
Datta B K.	distribution of stems across				6-016-0231-4	
	interior to outside within a					
	primate rich habitat of Northeast					
	India					
Majumdar K, Datta	Vegetation composition,	Zoology and	26	2016	2165-8013/	63-
B K.	population and distribution status	Ecology			10.1080/2165	73
	of trees used by two threatened				8005.2016.11	
	fruit bat species in degraded				48978	
	habitats of Northeast India					

4.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page
		Journal/		(2015-		No.
		Magazine		16)		
Majumdar K, A J Nath, B	Bamboo invasion: threat to	Current	108	2015	0011-3891	1969-
K Data and A K Gupta	primate conservation in North East India.	Science				1971
Krishna Talapatra, Asim	Mycorrhizal Colonization of	Mycorrhiza	27	2015	0970-695X	2-8
Das, Aparajita Roy Das,	Understorey Plants growing in	News				
Ajay Krishna Saha Panna	Rubber Plantation of Tripura in					
Das	Northeast India					
Aparajita Roy Das,	A commercially available fabric	Mycorrhiza	27	2015	0970-695X	2-4
Krishna Talapatra,	whitener serves as a stain for	News				
Kripamoy Chakraborty,	detection of arbuscular					
Ajay Krishna Saha,	mycorrhizal fungi in roots					
Panna Das						
Roy Das A, Borthakur M,	Growth of mycelial biomass and	Journal of	3	2015	Print: 2455-	17-19
Saha AK, Joshi SR and	fruit body cultivation of Lentinus	Applied			7005	
Das P	squarrosulus collected from home	Biology and			Online:	
	garden of Tripura in Northeast India	Biotechnology			2347-212X	
Moumita Saha and B.	Reproductive biology of	The	8	2016	10.14787/ijp	197-
K. Datta	PhlogacanthusthyrsiflorusNees:	International			rb.2016	201
	An important medicinal plant of	Journal of			8.2.197-201	
	North-East India	Plant				
		Reproductive				
		Biology				

# 5. Details of publications not reported in category 4:

5.1. Book Chapters:

All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year (2015-16)	ISBN	Page No.
AK Saha	Wheat Disease:	P. Datta, P.	Crop Diseases And	Aavishkar	2015	978817910	42-87
	Epidemiology and	Tamuli & H.	Their Management			4927	
	Management	Kaushik	Strategies				

6. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/	Date	Organized by	Title of the paper presented
	Workshop attended			
Surochita	Annual Conference of	3rd-7th	University of Mysore &	Cytogenetical and Phytochemical
Basu	ISCA	January	ISCA	characterization of Mucuna bracteata
		2016		DC

# **Annual Report 2015-16**

Aparajita Roy	National Seminar on Microbial Diversity and its Impact	18th -19th Feb, 2016	Indian Mycological Society, Department of Botany, University of Calcutta	Growth of mycelial biomass and antimicrobial activity of three wild edible mushrooms of Tripura
Joyeeta Dey	National seminar on Recent Advances in Natural Products Chemistry for Drug Discovery	28th-29th Nov. 2015	Netaji SubashMahavidyalaya, Udaipur, Tripura	Studies on certain biochemical attributes of Cajanus scarabaeoides (L.) Thours: A Promising ethnomedicinal weed legume of Tripura
Atithi Debnath	National Seminar on Microbial Diversity and its Impact	18th -19th Feb 2016	Indian mycological Society, Dept of Botany, University of Calcutta	Arbuscular Mycorrhizal Fungi of Ethnobotanical plants of Tripura
Sukla Bhattacharjee	National Seminar on Microbial Diversity and its Impact	18th -19th Feb, 2016	Indian Mycological Society, Department of Botany, University of Calcutta	Diversity of fungal endophytes with antibacterial activity from five medicinal plants of Tripura
Krishna Talapatra	National Seminar on Microbial Diversity and its Impact	18th -19th Feb 2016	Indian Mycological Society, Dept of Botany, University of Calcutta	Seasonal mycorrhizal colonization in eight invasive plants of Tripura in Northeast India
Sudipta Sinha	National Seminar on Microbial Diversity and its Impact	18th -19th Feb, 2016	Indian Mycological Society, Department of Botany, University of Calcutta	Mycorrhizal colonization in fruit yielding plants of Tripura
Pintu Karmakar	National Seminar on Microbial Diversity and its Impact	18th -19th Feb, 2016	Indian Mycological Society, Department of Botany, Kolkata University	Aeromycoflora of mixed forest and rubber plantation sites of Tripura
Sanjit Debnath	National Seminar on Microbial Diversity and its Impact	18th -19th Feb, 2016	Indian Mycological Society, Department of Botany, University of Calcutta	Proximate composition, submerged mycelial growth requirement, antimicrobial and antioxidant activity of Schizophyllum commune FR.: a wild edible mushroom from Tripura, north-east India
Gopal Debnath	National Seminar on Microbial Diversity and its Impact	18th -19th Feb, 2016	Indian Mycological Society, Department of Botany, University of Calcutta	Green synthesis, characterization and antibacterial activity of silver nanoparticles (agnps) from leaf extract PaspalumconjugatumP.J.Berguis.

7. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Prof. A.K. Paul	University of	15 <sup>th</sup> March,	National Seminar on Recent Trends in	Inventorization and possible
	Calcutta	2016	Plant Science Research, Department of	biotechnological
			Botany, Tripura University	applications of serpentine
				bioresources
Prof. N. Banerjee	Visva Bharati	15 <sup>th</sup> March,	National Seminar on Recent Trends in	Orchid germplasm: its
		2016	Plant Science Research, Department of	conservation and
			Botany, Tripura University	propagation strategies
				through in vitro approach
Prof. K.	Manipur	16 <sup>th</sup> March,	National Seminar on Recent Trends in	Bamboo shoots: a potential
Sarangthem	University	2016	Plant Science Research, Department of	source of nutraceuticals
			Botany, Tripura University	
Dr. N.C.	IASST,	15 <sup>th</sup> March,	National Seminar on Recent Trends in	Plant-microbe interaction
Talukdar	Guwahati	2016	Plant Science Research, Department of	can enhance productivity
			Botany, Tripura University	and result in delicacy food
Dr. Surochita	Tripura	20 <sup>th</sup> -22 <sup>nd</sup>	Recent Trends in Biotechnological	Metagenomics: A Modern
Basu	University	January	Research, State Biotech Hub, T.U.	Perspective
Dr. Panna Das	IASST,	23 <sup>rd</sup> April,	Seminar of AMI, Guwahati Unit	Features of Microbes from
	Guwahati	2016		Meghalaya and Tripura

8. Ph.D. Scholars registered/Theses submitted/awarded during the academic year 2015-16:

<u> </u>	tered/I neses submitted/ awarded during the academic year		Desistered/Theses
Name of Scholars	Research topic	Name of Guide	Registered/Theses
			submitted/
			Awarded
Mandakranta Roy	Seedling Morphology of Trees of Tripura and their	Prof. B.K. Datta	Viva-voce
	taxonomic significance		completed
Ashish Kumar	Study of grasses of Tripura and utilization of phytoliths	Prof. B.K. Datta	Registration in
Chowdhury	as a taxonomic marker		process
Biswajit Sutradhar	Floristic Diversity of Gumti Wildlife Sanctuary,	Prof. B.K. Datta	Registration in
5	Tripura, North-East India		process
H. Reshmi Singha	Genetic diversity and <i>in vitro</i> morphogenesis of some	Supervisor:	Registration in
$\mathcal{E}$	wild Solanum species of Tripura	Prof. Rabindra Kumar	process
	1	Sinha	1
		Co-Supervisor:	
		Prof. Sangram Sinha	
Pintu Karmakar	Diversity, allergenicity and biochemistry of airborne	Prof. A.K. Saha	Registration in
	mould spores in outdoor and indoor environments of		process
	Agartala, Tripura		T · · · · · · · ·
Sanjit Debnath	Studies on nutritional status, antioxidant and	Prof. A.K. Saha	Registration in
	antibacterial properties of some wild edible mushrooms	110111111111111111111111111111111111111	process
	of Tripura along with protocol development for		process
	cultivation		
Gopal Debnath	Production of extracellular enzymes by wild edible	Prof. A.K. Saha	Registration in
Copui Decinatii	mushrooms of Tripura and evaluation of their	Tron. Tini. Bunu	process
	antibacterial activity through synthesis of silver		process
	nanoparticles		
Bithi Debbarma	Change in microbiota and nutritional status of some	Dr. P. Das	Registration in
Dian Devoarina	fermented foods consumed by tribal of Tripura	Di. i . Das	process
	refriction roots consumed by tribal of Tripula		process

# 9. Outreach Footprint of the Department:

9.A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of
No.				Participants
1.	15.03.2016-	2 Days	National Seminar on Recent Trends in Plant Science Research	100
	16.03.2016			
2.	05.10.2015-	5 Days	Orientation workshop on Hands on training of Biology Practical Exercises	20
	09.10.2015		of TBSE Curriculum	

9.B. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of
		Membership
Dr. P. Das	Association of Microbiologists of India (AMI)	Life Member
Dr. Surochita Basu	Indian Botanical Society	Life Member
Dr. Surochita Basu	Indian Science Congress Association	Life Member
Smt. Aparajita Roy	Association of Microbiologists of India (AMI)	Life Member
Smt. Atithi Debnath	Association of Microbiologists of India (AMI)	Life Member
Smt. Krishna Talapatra	Association of Microbiologists of India (AMI)	Life Member
Shri Kripamoy Chakraborty	Association of Microbiologists of India (AMI)	Life Member

### 10. Major thrust area of research:

- Plant diversity, conservation, cytogenetics and plant- microbe interactions
- Bamboo conservation and propagation

## 11. New initiatives/Innovations:

- Community College on Mushroom Cultivation sponsored by UGC, Govt. of India
- Development of nodal centre for Macropropagation of Bamboo and Value Addition of Bamboo Products sponsored by DST, Govt. of India

12.A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
10	02	08

# 12.B. Major Instruments available in the Department:

- Zeiss Microscope with photographic attachment
- Inverted Microscope
- Fluorescence microscope
- UV-VIS Spectrophotometer
- Nanodrop
- Thermal Cycler
- Burkard Volumetric Air Sampler & Anderson sampler
- Deep freezer (-40 &-80)
- Mili-Q Water Purifier
- Cold Centrifuge
- Ice Flake Machine
- Shaker-cum-incubator
- Vacuum evaporator

13. On-going Research Projects in 2015-16:

Principal		Funding	Title of the project	Total	Grant	Tenure
Investigator	Co-	Agency		Grant	received	
•	Investigator			(Rs. in	during the	
				Lakhs)	year	
Prof. S.	Prof. R.K.	DBT-	Understanding dioecy by exploring Floral	73.20	9.82	2014-
Sinha	Sinha	Twining, Govt. of India	Organ Identity genes (OIGs) in Coccinia grandis-a new model for study.			2017
Prof. B. K.	-	DBT, Govt. of	Preventing Extinction and Improving	23.65	-	2012-
Datta		India	Conservation status of Threatened plants through application of Biotechnological tools			2017
		ISRO, Dept.	Measurement of Vegetation & Biomass	14.44	-	2015-
		of Space, Govt. of India	Parameters under Vegetation Carbon Pool Assessment			2018
		DBT, Govt. of	Orchid Bioresources of the North- East India-	21.40	-	
		India	Conservation, Database Development &			2016-
			Information Network			2019
Dr A.K.	Dr. S.	DBT-	Studies on identification, antimicrobial,	64.04	5.1	2014-
Saha	Bhatacharjee	Twining,	antioxidant level and nutritional index as well			2017
		Govt. of India	as standardization of cultivation of some wild edible mushroom of Tripura			
Dr A.K.	Dr. P. Das	DBT-	Studies on the mould spore diversity as	38.97	3.53	2014-
Saha		Twining,	environmental allergen in outdoor and indoor			2017
		Govt. of India	environments of urban and rural areas of Agartala			
Dr S. Basu		CSIR	Delineation of cytotypic diversity in <i>Costus</i>	35.00	13.78	2016-
			speciosus, Ophiopogon and Melastoma of			2019
			Tripura to elucidate significance of			
		<u> </u>	chromosomal variation in conservation			

14. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

Name of Examinations	Total			Gen		OBC		SC		ST		PH (C Total)		Mino	rity
Nan Exami	М	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-
GATE	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	3	-	3	1	-	-	-	1	-	1	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies with Examination; \*\*Students Opting for Higher Studies without Examination

15. Details of Student's Placement known to the Department:

Name	Sex	Category (GEN/	Name of the	Designation	Examination	Name of the
	M/F	ST/SC/ OBC/MIN) [give asterisk * for PWD]	Organization/Dept.		Body	Examination
Smt. Kanika	F	OBC	Deptt. of Microbiology,	Sr. Lab.	Tripura	Lab. Technician
Karmakar			Tripura University	Technician	University	Selection Test
Smt. Sunita	F	ST	Deptt. of Botany,	Lab.	Tripura	Lab. Technician
Debbarma			Tripura University	Technician	University	Selection Test
Shri Biswajit	M	OBC	Deptt. of Pharmacy,	Lab.	Tripura	Lab. Technician
Sutradhar			Tripura University	Technician	University	Selection Test

16. Awards/Medals/Honours received by the students during the academic year 2015-16:

Name of Students	Name of Awards/Medals/	Date of	Awarding Agency/Institution	Remarks
	Honours	Awards/Medals/H		
		onours		
Smt. Kanika	Prof. R.C. Srivastava	16.03.2016	National Seminar	Best Oral
Karmakar	Memorial Award		Organized by Department of Botany,	Presentation
			Tripura University	
Smt. Atithi	Prof. R.C. Srivastava	16.03.2016	National Seminar	Best Oral
Debnath	Memorial Award		Organized by Department of Botany,	Presentation
			Tripura University	

#### DEPARTMENT OF CHEMISTRY

Head of the Department : Prof. R.N. Dutta Purkayastha

Year of Establishment : 1976
Programmes on offer : M. Sc., Ph.D
Intake capacity : M.Sc.-30

#### Major Achievements/ Vision of the Department:

The Department of Chemistry was established as "Post Graduate Center" of Chemistry under the University of Calcutta in 1976 at Agartala to cater to the interest of the local students. The Department is playing a pivotal role in academic excellence of the University. At the beginning faculty strength was less and department offered Master's Degree in Chemistry with only Analytical Chemistry Specialization. With the increasing number of faculty and improved infrastructure, specializations in the areas of Inorganic Chemistry, Organic Chemistry and Physical Chemistry were introduced. The Department has the distinction of producing NET/SLET qualified students every year. The Department is actively involved in innovative research activity since its inception and activity has enhanced to a great extent in the recent past due to the financial assistance from different funding agencies viz.UGC, CSIR, ICMR, DBT and DST etc. as major research projects to the faculty members. The major areas of research interest are in the fields of medicinal plants chemistry, synthetic organic chemistry, synthetic and structural inorganic chemistry, coordination chemistry, quantum chemistry, surfactants and colloids etc. The faculty members are publishing research papers in reputed International and National Journals. Department of Science & Technology, Govt. of India has recently (January 2016) sanctioned an amount of Rs. 1.98 Crore to the department for purchase of a 400 MHz NMR under the FIST Programme (Level1)

1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/ Ph.D/NET,SL ET etc)	Designation	Courses taught in 2015- 16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. M. K. Singh	M.Sc., Ph. D.	Professor	Chemistry	Coordination Chemistry	27+ Years	03
Dr. D. Sinha	M.Sc., Ph. D.	Professor	Elementary Quantum Mechanics, Quantum Mechanics(Special), Chemical Thermodynamics, Group Theory (special), Computer Programming in FORTRAN 77	Physical chemistry, Spectroscopy	30 Years	01
Dr. R. K. Nath	M.Sc., Ph. D.	Professor	Surface Chemistry	Surface Chemistry	21 years	02
Dr. R. N. Dutta Purkayastha	M.Sc., Ph. D.	Professor	Stereochemistry, Bonding, Electronic spectroscopy of transition metal complexes, Inorganic photochemistry, spectroscopic methods in inorganic chemistry, Bio- inorganic chemistry, Transition Metal-π-acid complexes	Synthetic &structural inorganic chemistry: Inorganic- organic hybrids	Teaching: 28 Years Research: 32 Years	03
Dr. S. Majumdar	Ph.D., NET	Professor	Organic reaction mechanism, Reactive intermediates, Reagents in organic synthesis, PhotoChemistry, Organimetallics, Medicinal Chemistry, Antibiotics, Prostaglandins, Macrocyclic compounds, NMR, Chromatography	Organic synthesis	12years	04

Dr. Utpal	NET, Ph.D	Assistant	Stereochemistry	Phytochemistry	Teaching:	04
Chandra De		Professor	Pericyclic Chemistry	& Biochemistry	16 Years	
			Chemistry of Enzymes,			
			Natural Product		Research:	
			Chemistry		20 yrs.	
Dr.	M. Sc., Ph. D.,	Assistant	Group Theory, X-ray	Synthetic	Teaching:	03
Shubhamoy	NET	Professor	crystallography,	Inorganic	09yrs.	
Chowdhury			Inorganic Reaction	Chemistry,		
			mechanism, Molecular	Computational	Research:	
			spectroscopy (NMR,	Chemistry and	12 yrs.	
			ESR, MB),	chemical sensor		
			Electrochemical			
			Methods,			
			Organometallics &			
			Catalysis			

# 2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/ MPhil / Ph.D/ NET, SLET etc)	Courses Taught in 2015- 16	Research area/interest	No. of years of teaching experience	No. of years of research experience
Dr. I. Banik	MSc, PhD	Solid state Chemistry, Electrochemistry, Spectroscopy, Surface Chemistry, Kinetics	Physico-chemical studies on interactions of Biologically-active solutes and ionic salts in some industrially important solvent media.	6 months	4 years
A. Bhattacharya	MSc, PhD (thesis submitted), SLET (NE Region)	Nuclear Chemistry, Bio- inorganic Chemistry, Chemical bonding	Copper & Oxorhenium complexes- synthesis, characterization, electrochemistry, DFT studies	6 months	4 years

# 3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura	Institution affiliated with now/previously (if
	University	retired)
Prof. A. Das	Bio-inorganic Chemistry, Green Chemistry	(Retd. Professor ) Former VC, Kalyani
		University
Prof. P.J. Das	Heterocyclic Chemistry, Nucleic acids, Proteins	Department of Chemistry, Gauhati University
Prof. S.P. Das	Medicinal Chemistry, Alkaloids	Dept. of Chemistry, Kalyani University
Prof. M. Chakraborty	NMR, Mass spectroscopy	(Retd. Professor) Bose Institute, Kolkata
Prof. N. Homendra	Statistical Thermodynamics	Dept. of Chemistry, Manipur University

# 4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

# 4.1. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the	Vol.	Year	ISSN/	Page
		Journal/		(2015-16)	DOI	No.
		Magazine				
Amitava Sharma,Sudip Chattopadhyay, Kalipada Adhikari,Dhiman Sinha	Spectroscopic constants relating to ionization from the strongest bonding and inner valence molecular orbital $2\sigma_g$ of $N_2$ : An EIP-VUMRCC search	Chemical Physics Letters	634	1 <sup>st</sup> Aug. 2015	10.1016/j. cplett.201 5.05.032	88–94
K.L. Bhowmik, A.Debnath,,R.K.Nath, S.Das, K.K. Chattopadhyay, B.Saha	Synthesis and characterization of mixed phase manganese ferrite and hausmannite magnetic nanoparticle as potential adsorbent for methyl orange from aqueous media: Artificial neural network modeling	Journal of Molecular Liquids (Elsevier)	219	2016	0167- 7322	-
I.Ghosh, B. Das, R. K. Nath, B. Ganguly, B. K. Mishra, A. Pal,	Spectroscopic Characterization of Niagara Blue dye in the restricted geometry of Layer-by-Layer self assembled Films,	Surface Review and Letters (World Scientific Publications) Accepted.		2016	-	1010– 1022
K. L. Bhowmik, K. Deb, A. Bera,R. K. Nath, and B. Saha,	Charge Transport through Polyaniline Incorporated Electrically Conducting Functional Paper,	J. Phys. Chem.:C letters (ACS Publications)	120 (11)	2016	0218- 625X	-

# **Annual Report 2015-16**

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Pranajit Paul, Subhadip Roy, Sanjoy Sarkar, Shubhamoy Chowdhury, RN Dutta Purkayastha, Pallepogu Raghavaiah, Patrick McArdle, Lokesh Deb, Sarangthem Indira Devi	Synthesis, structure and some properties of a manganese (II) benzoate containing diimine	Journal of Molecular Structure	1102	2015	10.1016/j. molstruc.2 015.08.04	153– 160
Ankita Chakraborty, Rakesh Purkait, Utpal Ch. De, Dilip K. Maiti, Swapan Majumdar	Anion dependent imidazolium protic ionic liquid catalyzed solvent-free general strategy for chemoselective Fmoc and Cbz protection of amines and their chiral analogues	Chemistry Select	1	2016	2365- 6549/ 10.1002/sl ct.201600 267	2668 – 2672
Ankita Chakraborty, Dilip K. Maiti, Swapan Majumdar	Selective exploitation of acetoacetate carbonyl groups using imidazolium based ionic liquids: Synthesis of 3-oxo-amides and substituted benzimidazoles	Tetrahedron Letters	57	2016	0040- 4039/ 10.1016/j. tetlet. 2016.06.0 48	3298 - 3302
Swapan Majumdar, Jewel Hossain, Ramalingam Natarajan, Ashis K. Banerjee, Dilip K. Maiti	Phthalate tethered strategy: carbohydrate nitrile oxide cycloaddition to 12-15 member chiral macrocycles with alkenyl chain length controlled orientation of bridged isoxazolines	RSC Advances	5	2015	2046- 2069/ 10.1039/c 5ra22436e	10628 9- 10629 3
Swapan Majumdar, Mithun Chakraborty, Nabendu Pramanik, Dilip K. Maiti	Grindstone chemistry: protic ionic liquid-substrate tuned green synthesis of 1,2-disubstituted and 2-substituted benzimidazoles with outstanding selectivity	RSC Advances	5	2015	2046- 2069/ 10.1039/C 5RA0818 3A	51012 - 51018
M. C. Das, P. Sandhu, P. Gupta, P. Rudrapaul, U. C. De, P. Tribedi, Y. Akhter, S. Bhattacharjee.	Attenuation of Pseudomonas aeruginosa biofilm formation by Vitexin: A combinatorial study with azithromycin and gentamicin	Nature Group Scientific Reports	6	2016	2045- 2322 (online)/ 10.1038/sr ep23347	1-13
K. Patra, S. Jana, A. Sarkar, S. Karmakar, J. Jana, M. Gupta, G. Mukherjee, U. C. De, D. P. Mandal, S. Bhattacharjee.	Parkia javanica Extract Induces Apoptosis in S-180 Cells via the Intrinsic Pathway of Apoptosis.	Taylor & Francis Nutrition and Cancer 689–707	68 (4)	2016	0163- 5581 (Print), 1532- 7914 (Online)/d oi.org/10. 1080/0163 5581.2016 .1158298	689- 707
U. Ch. De, J. Bhowmik, S. Chowdhury, A. Basak, and B. Dinda,	Isolation And Characterization of A New Flavonoid Glucoside from Aerial Parts of <i>Phrynium Placentarium</i> ,	Springer Chemistry of Natural Compounds,	51 (3)	2015	0009-3130 (print version) 1573-8388 (electronic version)./ 10.1007/s1 0600-015- 1311-y	444- 447.
A. Ghorai, J. Mondal, Shubhamoy Chowdhury, G. K. Patra	Solvent-dependent fluorescent- colorimetric probe for dual monitoring of Al <sup>3+</sup> and Cu <sup>2+</sup> in aqueous solution: an application to bio-imaging	Dalton Transactions	45	2016	1477- 9226/ 10.1039/C 6DT0179 5A	11540 - 11553
N. Bandyopadhyay, A. B. Pradhan, S. Das, L. Lu, M. Zhu, Shubhamoy Chowdhury, J. P. Naskar	Synthesis, structure, DFT calculations, electrochemistry, fluorescence, DNA binding and molecular docking aspects of a novel oxime based ligand and its palladium(II) complex	Photochemistry and Photobiology	160	2016	1010- 6030/ 10.1016/j. jphotobiol .2016.04.0 26	336- 346
A. Bhattacharya, J. P. Naskar, P. Saha, R. Ganguly, B. Saha, S. T. Choudhury, Shubhamoy Chowdhury	A new oxorhenium(V) complex with benzothiazole derived ligand: Relative stability and global chemical reactivity indices	Inorganica Chimica Acta	447	2016	0020- 1693/ 10.1016 /j.ica.2016 .04.002	168- 175

P. Saha, J. P. Naskar, A.	Synthesis and DFT calculations of	Journal of	69	2016	008-	303-
Bhattacharya, R.	oxido and phenylimidorhenium(V)	Coordination			043748-6	317
Ganguly,	complexes incorporating the N, O	Chemistry			/10.1080/	
B. Saha, Shubhamoy	donor ligand 2-[(2-hydroxy	•			00958972.	
Chowdhury	ethylimino)methyl]phenol				2015.1113	
-					268	

4.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/DOI	Page
		Magazine		(2015-16)		No.
Banti Ganguly,	Protein Interaction with	Rasayan J. Chem	9 (2)	2016	0974-1496(Print)	121 –
Bandana Das,	Xanthene dye using Layer				0976-0083(Online)	124.
R.K.Nath,	by Layer Self Assembled					
	Technique,					

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Kalipada Adhikari	Recent Development & Applications in Chemical Sciences (RDACS-2016).	20-21 May, 2016	Department of Chemistry, NIT Agartala, Tripura, India	Contribution of Three Body Transformed Hamiltonian () Through Full Connected Triple Excitation Coupled Cluster Operators on Valence Ionization Potentials of F <sub>2</sub> and Cl <sub>2</sub> Computed by EIP- VUMRCC Method. (A Poster Presentation)
Prof. S. Majumdar	UGC Sponsored National Seminar on Recent Trend of Research in Chemistry-A New Horizon of Hopes-Women's College, Agartala	August 08-09, 2015	Women's College, Agartala in association with UGC, Govt. of India	Imidazolium Protic ionic liquid promoted selective transformations of organic functionalities.
Prof. S. Majumdar	National Institute of Technology, Jirania, Tripura (W)	May 20- 21, 2016	National Institute of Technology, Agartala	Diversity in the synthesis of substituted benzimidazoles under environmentally benign conditions
Dr. Utpal Chandra De	National conference on "Recent Development and Application in Chemical Sciences (RDACS-2016)"	20 – 21 May, 2016	National Institute of Technology, Agartala & Indian Chemical Society	Chemical Constituents and Biological Evaluation of <i>Dillenia</i> <i>Pentagyna</i> "
Dr. Utpal Chandra De	National seminar on Recent trend of Research in Chemistry- A New Horizon of Hopes	7-8 August, 2015	Womens' College, Agartala, Govt. of Tripura	Proprotein Convertase Subtilisin Kexins (PCSKs) Inhibitors from Herbal Resources
Dr. Utpal Chandra De	National Seminar on "Recent advances in Natural Products Chemistry for Drug Discovery"	28 <sup>th</sup> -29 <sup>th</sup> Novemb er, 2015	N.S. Mahavidyalaya, Udaipur, Govt. of Tripura	"Chemical Modification and Biological Evaluation of Chrysin – a naturally occurring Flavonoid"
Dr. Shubhamoy Chowdhury	National Conference on Recent Developments and Applications in Chemical Sciences	20-21 May, 2016	Department of Chemistry, National Institute of Technology, Agartala	Combined Experimental and Theoretical Studies of oxo- Rhenium(V) Chemistry
Dr. Shubhamoy Chowdhury	National Seminar on Recent Trends on Material Science	1st March 2016	Department of Chemistry Dasaratha Deb Memorial College, Khowai, Tripura	Relative stability and Global chemical reactivity indices of oxorhenium(V) and oxo-technetium(V) with various phosphine ligands,
Dr. Shubhamoy Chowdhury	UGC Sponsored National Seminar on Recent Trend in Chemistry – A New Horizon of Hopes	8th & 9th August, 2015	Department of Chemistry, Women's College, Agartala, Tripura	A combined Experimental and Theoretical Studies of Rhenium(V) Chemistry
Nandita Das (Research Scholar)	National Seminar on Recent Trend of Research in Chemistry- A new Horizon of Hopes	7 <sup>th</sup> -8 <sup>th</sup> August, 2015	Dept. of Chemistry, Women's College, Agartala	Hetero-ligand peroxotungstate (VI): syntheses, characterization and reactivity.(poster presentation)

Nandita Das	National Conference on Recent	20 <sup>th</sup> -21 <sup>st</sup>	National Institute of	Syntheses, Characterization,
(Research	Development and Applications	May,	Technology, Agartala	Reactivity and Theoretical Studies on
Scholar)	in Chemical Sciences (RDACS-	2016	1 cermology, 1 igurtulu	Some Hetero-ligand
Bellotar)	2016)	2010		Oxoperoxotungstate(VI). (poster
	2010)			presentation)
Baptu Saha	UGC sponsored National	8th &	Department of	Relative stability and Global
(Research	Seminar on Recent Trend of	9th	Chemistry, Women's	chemical reactivity indices of
Scholar)	Research in Chemistry – A New	August,	College, Agartala,	oxorhenium (V) and oxotecnitium
~~~~	Horizon of Hopes	2015	Tripura	(V) complexes. (Poster Presentation)
Baptu Saha	National Seminar On "Recent	1st	Department of	A new oxamido-bridged dinuclear
(Research	Trends on Material Science"	March	Chemistry Dasaratha	copper (II) complex: synthesis,
Scholar)	(RTMS – 2016)	2016	Deb Memorial	Characterization, crystal structure
, ,			College, Khowai,	and computational aspects (Poster
			Tripura	Presentation)
Pinki Saha	National Conference on Recent	20 <sup>th</sup> -21 <sup>st</sup>	National Institute of	A combination of experimental and
(Research	Development and Applications	May,	Technology, Agartala	theoretical studies of Oxo and
Scholar)	in Chemical Sciences (RDACS-	2016		phenylimido rhenium(V) complexes
,	2016)			with a Schiff base ligand (Oral
	,			presentation)
Pinki Saha	National Seminar On "Recent	1st	Department of	A mixed ligand oxo-rhenium(V)
(Research	Trends on Material Science"	March	Chemistry Dasaratha	complex of 3-thiapentane-1,5-
Scholar)	(RTMS – 2016)	2016	Deb Memorial	dithiolato with 2-
			College, Khowai,	imidazolidinethione: Experiment and
			Tripura	theory (Oral presentation)
Ankita	National Seminar on Recent	7-8	Dept. of Chemistry,	Basic ionic liquid catalyzed selective
Chakraborty	Trend of Research in Chemistry-	August,	Women's College,	amidation of alkyl acetoacetate
(Research	A new Horizon of Hopes	2015	Agartala	
Scholar)				
Ankita	National Conference on Recent	20-	National Institute of	'ON WATER' green strategy for N-
Chakraborty	Development and Applications	21May,	Technology, Agartala	1-alkylation of imidazoles and
(Research	in Chemical Sciences (RDACS-	2016		benzimidazoles
Scholar)	2016)			
Sukhen	National Seminar On	28-29	Netaji Subhas	"Chemical modification and
Bhowmik	"Recent Advances In Natural	Novemb	Mahavidyalaya, Dept.	Biological Evaluation of Chrysin- a
(Research	Prouducts Chemistry For Drug	er, 2015	Of Chemistry,	naturally occurring Flavanoid"
Scholar)	Discovery"		Udaipur, Gomati	
			Tripura, India	
Tapas Das	National Seminar On	28-29	Netaji Subhas	"Biological Evaluation of Some New
(Research	"Recent Advances In Natural	Novemb	Mahavidyalaya, Dept.	Coumarin Derivatives"
Scholar)	Prouducts Chemistry For Drug	er, 2015	Of Chemistry,	
	Discovery"		Udaipur, Gomati	
			Tripura, India	

6. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Prof. R.N.	Shillong	July 30 –	Shillong College (National Seminar on	Some Beneficial Aspects of
DuttaPurkayastha	College,	31, 2015	Exploring Recent Advances in	Inorganic Chemistry: An
	Shillong		Chemistry in Service of Mankind	Overview

7. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
DR. Kalipada	Application of Valence Universal Multi-Reference	Supervisor : Professor	Awarded on 18
Adhikari	Coupled Cluster Theory With Full Connected Triple	Dhiman Sinha,	December 2015
Asst. Professor,	Excitations On Valence Ionization Potentials	Department of Chemistry	
Department of	Calculation	Tripura University	
Physics, MBB		Co-supervisor : Professor	
College, Tripura		Barin K. De	
		Department of Physics	
		Tripura University	
Th.Charanjit	Interaction of Bacterial Polysaccharides with	Prof. R.K.Nath	Awarded-2015
Singh	Oppositely Charged Dyes and Surfactants: Physico-		15.09.2015
	Chemical Studies.		

Jayasree Nath	Spectroscopic characterizations of some bio-active molecules in the restricted geometry of ultra thin films.	Prof. R.K.Nath	Awarded-2015 15.09.2015
Indra Ghosh	Spectroscopic characterization of some organized molecular assemblies in the restricted geometry of ultra thin films.	Prof. R.K.Nath	Awarded 4 <sup>th</sup> March 2016
Dipankar Dey	Synthesis, Structural Assesment & Physico-chemical Studies of Some complexes of Zinc	Dr. R. N. Dutta Purkayastha	Thesis Submitted 29.02.2016
Pranajit Paul	Synthesis, Structural Assessment and Reactivity Studies on Some Schiff Base and Mixed Ligand Complexes of Manganese	Dr. R. N. Dutta Purkayastha	Thesis Submitted 14.03.2016
Smt. Jhinuk De	Functionalization of amino group by the catalysis of protic ionic liquid and synthesis of some biologically active nitrogen heterocycles	Prof. S. Majumdar	Awarded, October 2015
Sri Mithun Chakraborty	Studies on the development of newer methodology for the Synthesis of imidazoles and benzimidazoles under environmentally benign condition	Prof. S. Majumdar	Thesis submitted, May 24, 2016
Barnali Deb	Under process	Prof. S. Majumdar	Course work completed 2015-16
Prasenjit Rudrapaul	"Chemical Constituents of <i>Vitex Peduncularis</i> and a Few Other Medicinal Plants of Tripura"	Dr. Utpal Chandra De	Awarded
Ranjit Ghosh	"Chemical Constituents of <i>Vitex Peduncularis</i> and a Few Other Medicinal Plants of Tripura"	Dr. Utpal Chandra De	Thesis submitted
Arnab Bhattacharya	Synthesis, Characterization and DFT studies of Copper and Rhenium Complexes with some N, O and S Donor Ligands	Shubhamoy Chowdhury	Thesis submitted (23/05/2016)
Baptu Saha	Combined Experimental and Density Functional Theory Study on Copper and Rhenium complexes with N and O donor ligands	Shubhamoy Chowdhury	Registered (28/08/2015)

# 8. Outreach Footprint of the Department:

8. A. Interaction with Industry/ NGO/ Govt. Organization:

0. 11. Hiter	The interaction with industry (1967) do vi. digamization.								
Sl. No.	Faculty Names	Name of Industry/	Location of	MOU	Any Grant	Student			
		NGO	Industry	Signed?	Received?	Placed?			
				(Yes/No)	(If yes value in	(If yes No.)			
					Lakhs)				
1	Dr. Utpal Chandra De	Tripura Chemical	Agartala	No	No	No			
		Society							

8.B. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. M.K. Singh	Indian Chemical Society	Life Member
Prof. M.K. Singh	Tripura Chemical Society	Life Member
Prof. D. Sinha	Indian Association for the Cultivation of Science	Life Member
Prof. D. Sinha	Tripura Mathematical Society	Life Member
Prof. D. Sinha	Tripura Chemical Society	Life Member
Prof. R.K. Nath	Tripura Chemical Society	Life Member
Prof. R.K. Nath	ISSST, Jadavpur, Kolkata	Life Member
Prof. R.K. Nath	Indian Science Congress Association	Life Member
Prof. R.N. DuttaPurkayastha	Tripura Chemical Society	Life Member
Prof. R.N. DuttaPurkayastha	Meghalaya Science Society	Life Member
Prof. R.N. DuttaPurkayastha	Association of Chemistry Teachers	Member
Prof. S. Majumdar	Tripura Chemical Society	Life Member
Dr. Utpal Chandra De	Tripura Chemical Society	General Secretary
Dr. Utpal Chandra De	Indian Association for the Cultivation of Science	Life Member
Dr. Utpal Chandra De	Indian Chemical Society	Life Member
Dr. S. Chowdhury	Tripura Chemical Society	Life Member
Dr. S. Chowdhury	Indian Association for the Cultivation of Science	Life Member
Dr. S. Chowdhury	Indian Science Congress Association	Life Member

8.C. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Utpal Chandra	Workshop	Tripura University	7 days	18.11.2015 to
De				24.11.2015
Dr. Shubhamoy	MHRD Scheme on Global Initiative	Jointly by GIAN and Jiwaji	14 days	13-26 June 2016
Chowdhury	on Academic Network (GIAN) Course	University, Gwalior		

### 9. Major thrust area of research:

Medicinal plants chemistry, synthetic organic chemistry, synthetic and structural inorganic chemistry, chemical sensor, quantum chemistry, surfactants, colloids and computational chemistry.

### 10. New initiatives/Innovations:

Department has applied for financial assistance to UGC under SAP Programme in January 2016.

11. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
06 + 06 = 12	04 (Laboratories),	06
	02 (Instrument rooms)	

### 11. B. Major Instruments available in the Department:

- 1. One Flash Chromatography (Biotage, Sweden, DBT, Govt. of India Funded)
- 2. One UV-Vis spectrophotometer (Hitachi, UH5300, Japan, DBT, Govt. of India Funded)
- 3. One Vacuum Concentrator (Eppendorf, Germany, DBT, Govt. of India Funded)
- 4. UV-Vis –02 (Perkin Elmer- Labda-25 & Shimadzu-1800)
- 5. Fluorimeter -01 (Shimadzu-RF5000)
- 6. FT-IR Spectrophotometer Perkin Elmer Model 100
- 7. Gas Chromatography Chemito
- 8. Magnetic Balance (Sherwood)
- 9. HPLC Dionex
- 10. Cyclic Voltammeter
- 11. LB Film balance (Apex Instrument)

12. On-going Research Projects in 2015-16:

Principal		Funding	Title of the project	Total	Grant	Tenure
Investigator	Co-	Agency		Grant	received	
	Investigator			(Rs. in	during	
				Lakhs)	the year	
Prof. S.	-	CSIR	Synthesis and Characterisation of Some	8.5	3.5	December
Majumdar			Novel Chiral Compounds Containing	Lakhs	Lakhs	2015 to
			Anthracene or Other Aromatic			November
			Fluorophore			2018
Dr. Utpal	Prof. S.	DBT,	"Overcoming EGFR resistant Oral	47.10	6.04	March,
Chandra De	Majumdar	Govt. of	Squamous Cell Carcinomas with	Lakhs	Lakhs	2014 to
		India	traditional healers of Tripura – A			February,
			Preclinical Study"			2017

13. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

15. 110 01 500001105			rous puer			ODG				ar.				3.61	
SI	Total			Gen		OBC		SC		ST		PH (C	Out of	Minor	rity
of tior												Total)	)		
- o o o o o o o o o o o o o o o o o o o												,	,		
l ä ii															
Name of Examinations	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
- X 3X															
Щ															
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	2	4	6	2	4	-	-	-	-	-	-	-	-	-	-
GATE	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

# 14. Details of Student's Placement known to the Department:

Name	Sex M/F	Category (GEN/ ST/SC/ OBC/MIN)	Name of the Organization/ Dept.	Designation	Examination Body	Name of the Examination
		[give asterisk * for PwD]				
Sanjoy Sarkar	M	GEN	ONGC Tripura Asset	Technical Assistant	ONGC Tripura Asset	NA
Narayan Debnath	M	OBC	ONGC Tripura Asset	Technical Assistant	ONGC Tripura Asset	NA
Kamal Das	M	SC	ONGC Tripura Asset	Technical Assistant	ONGC Tripura Asset	NA
Samir Debnath	M	OBC	Tripura University	Lab Assistant	Tripura University	NA
Jhinuk De	F	GEN	NIT Agartala	Assistant Professor (On Contract)	NIT Agartala	NA
Chitraniva Dutta	F	GEN	NIT Agartala	Assistant Professor (On Contract)	NIT Agartala	NA
Shantanu Das	M	SC	India Post	Sorting Assistant	India Post	NA
Arnab Bhattacharya	M	GEN	Tripura University	Guest Teacher	Tripura University	NA

15. Awards/Medals/Honours received by the students during the academic year 2015-16:

15. Tivalas/Ivicaals/II	onours received by the students durin	ig the academic year 2013 10.		
Name of Students	Name of Awards/Medals/	Date of Awards/	Awarding	Remarks
	Honours	Medals/Honours	Agency/Institution	
Keshab Chandra	Mega Quiz Competition on the	1st Runner up	Food CS & CA Dept.,	
Saha, Santanu Das	occasion of celebration of World		Gov. of Tripura	
	Consumer Rights Day			

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Head of the Department : Sri. Abhshek Majumder, Head (i/c)

Year of Establishment : 2005

Programmes on offer : **M.Tech, Ph. D**Intake capacity : **M.Tech.-18** 

### Major achievements/ Vision of the Department (300 words):

The Department of Computer Science & Engineering started its journey on 19<sup>th</sup> August 2005 with due approval from AICTE. The department continues to bloom under strict observation of dedicated faculties who have ensured high quality teaching from the beginning of the Department and the collaborative effort of its efficient students. The faculty members from reputed institutes such as Jadavpur University, Calcutta University, Visva Bharati are invited to take classes and enrich the knowledge of the students. The Department has also organized workshops on the emerging areas of research. The faculty members of the Department are associated with funded projects from Department of Electronics and Information Technology (DeitY), Government of India and Department of Biotechnology (DBT), Government of India.

1. Fulltime Faculty Members

	aculty Members :	Dagianatian	Courses tought in 2015	Dagaamah arra	No of wager	No. of
Name	Qualification	Designation	Courses taught in 2015-	Research area	No. of years	No. of
	(PG/MPhil/Ph.D/		16		of Teaching/	existing
	NET,SLETetc)				Research/	Ph.D.
					job	Scholars
					experience	under his/her
						supervision
Sri.	B.E (CSE),	Assistant	Mobile Computing,	Wireless	6	Nil
Abhishek	M.Tech(IT)	Professor	Computer Networks,	network		
Majumder			Operating System,			
ū			Advanced Computer			
			Architecture.			
Dr. Mrinal	B.E (CSE),	Assistant	Data structure and	Image	6+	6
Kanti	M.Tech (CSE),	Professor	Algorithm, Compiler	Processing,		
Bhowmik	Ph.D (Engg.)		Design, Image	Medical		
			Processing, Pattern	Image		
			Recognition & Project	Processing,		
			classes.	Biometrics		
				and Face		
				Recognition.		

### 2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/MPhil/Ph.D/ NET,SLETetc)	Courses Taught in 2015-16	Research area/interest	No. of years of teaching experience	No. of years of research experience
Smt. Sarmistha Chakraborty	M.Tech (CSE)	Pattern Recognition, Cryptography, Computer Skill.	Image Processing & Pattern Recognition	Nil	Nil
Smt. Anindita Roy	M.Tech (CSE)	Pattern Recognition, Cryptography, Computer Skill.	Image Processing & Pattern Recognition	Nil	Nil

3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures	Institution affiliated with now/previously (if retired)
	taught in Tripura University	
Dr. Debotosh Bhattacharjee	Image Processing, Pattern	Computer Science & Engineering Department
Professor	Recognition	Jadavpur University
		188, Raja S.C. Mallik Road
		Kolkata-700 0032
Prof. Paramartha Dutta	Probability and Random	Department of Computer and System Sciences,
Professor	Process	Visva Bharati University,
		Santiniketan-731235,
		West Bengal, India

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

4.1. Book Chapters:

All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year (2015-16)	ISBN	Page No.
A. Majumder, S. Roy, Satarupa Biswas	Data Security Issues and Solutions in Cloud Computing	Kashif Munir, Mubarak S. Al-Mutairi, Lawan A. Mohammed	Handbook of Research on Security Considerations in Cloud Computing	IGI Global	2015	13: 9781466683 877 10:14666838 72 13: 9781466683 884	212- 231
R.Saha, M.K. Bhowmik	Active contour model for medical applications	J.K.Mandal, S.Mukhopad hyay, T.Pal	Handbook of research on natural computing for optimization problems	IGI Global	2016	2327-0411	937- 959

4.2. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/	Page
		Magazine		(2015-16)	DOI	No.
Priya Saha, Mrinal	Expression Recognition	Multimedia Tools and	74	2015	1380-	1-27
Kanti Bhowmik,	of North-East Indian	Applications, Springer,			7501	
Debotosh	(NEI) Faces	Science Citation Index(SCI).				
Bhattacharjee, Barin						
Kumar De						
A. Majumder, S. Roy	Implementation of	Arabian Journal for Science	41	2016	1319-	1109-
	Forward Pointer-Based	and Engineering			8025	1127
	Routing Scheme for					
	Wireless Mesh Network					
Arindam Majumder,	Standard Deviation	International Journal of	7	2016	1947-	15-35
Abhishek Majumder	Method Based PSO: An	Swarm Intelligence Research			9263	
	Instigated Approach to	(IJSIR)				
	Optimize Multi-Objective					
	Manufacturing Process					
	Parameters					

4.3. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015-	ISBN/DOI	Page No.
				16)		
Mrinal Kanti	Pain Related	Proc. of SPIE International	9861	2016	10.1117/12.2223	986116-
Bhowmik, Shawli	Inflammation	Symposium on Commercial			425	986116
Bardhan, Kakali	Analysis using	+ Scientific Sensing and				
Das, Debotosh	Infrared Images	Imaging				
Bhattacharjee,						
Satyabrata Nath						
Mrinal Kanti	Standardization of	Proc. of SPIE International	9861	2016	10.1117/12.2223	986116-
Bhowmik, Usha	Infrared Breast	Symposium on Commercial			425	986116
Rani Gogoi,	Thermogram	+ Scientific Sensing and				
Kakali Das, Anjan	Acquisition	Imaging				
Kumar Ghosh,	Protocols and					
Debotosh	Abnormality					
Bhattacharjee,	Analysis of Breast					
Gautam	Thermograms					
Majumdar						
Sourav Dey Roy,	Performance	Proceedings of 5th	1	2015	2194-5357	273-286
Priya Saha,	Evaluation of	International Conference on				
Mrinal Kanti	Geometric Based	Soft Computing for Problem				
Bhowmik	Hybrid Approach	Solving (SocProS15)				
	For Facial Feature					
	Localization					

# **Annual Report 2015-16**

Anu Singha,	Analysis and	Proceedings of 17th	9884	2015	10.1007/978-3-	323–336
Mrinal Kanti	Performance	International Workshop on	9004	2013	319-26145-4_24	323-330
Bhowmik,	Evaluation of ICA-	Combinatorial Image			319-20143-4_24	
Prasenjit Dhar,	based	Analysis (IWCIA 2015)				
Anjan Kumar	Architectures for	Analysis (TWCIA 2013)				
Ghosh	Face Recognition					
Anu Singha,	Independent	Proceedings in 17 <sup>th</sup>	Nil	2015	10.3850/978-	39-48
Mrinal Kanti	Component	International Workshop	1411	2013	981-09-7518-	37-40
Bhowmik,	Analysis	on Combinatorial Image			0 36	
Prasenjit Dhar,	Architectural	Analysis (IWCIA 2015)			0_30	
Anjan Kumar	Feature	Analysis (TWCIA 2013)				
Ghosh	Evaluation by					
	Correlating Face					
	Images					
Sourav Dey Roy,	An Approach for	7 <sup>th</sup> International Conference	84	2015	10.1016/j.procs.2	99-106
Mrinal Kanti	Automatic Pain	on Intelligent Human			016.04.072	
Bhowmik, Priya	Detection through	Computer Interaction (IHCI				
Saha, Anjan	Facial Expression	2015), Organised by Indian				
Kumar Ghosh		Institute of Information				
		Technology Allahabad,				
		published by Elsevier in				
		Procedia Computer				
		Science				
Shawli Bardhan,	A Review on	IEEE International	Nil	2015	978-1-4673-	251-257
Mrinal Kanti	Inflammatory Pain	Symposium on Advanced			6707-3	
Bhowmik,	Detection in	Computing and				
Satyabrata Nath,	Human Body	Communication 2015				
Debotosh	through Infrared	(ISACC 2015) published by				
Bhattacharjee	Image Analysis	IEEE Xplore				
Usha Rani Gogoi,	Breast	IEEE International	Nil	2015	978-1-4673-	258-265
Gautam	Abnormality	Symposium on Advanced			6707-3	
Majumdar, Mrinal	Detection Through	Computing and				
Kanti Bhowmik,	Statistical Feature	Communication 2015				
Anjan Kumar	Analysis using	(ISACC 2015), published by				
Ghosh, Debotosh	Infrared	IEEE Xplore.				
Bhattacharjee S. Debnath, A.	Thermograms Enhanced MMIP6	IEEE International	Nil	2015	978-1-4673-	303-309
Majumder	for VANET with	Symposium on Advanced	INII	2013	6707-3	303-309
Wiajumaci	reduction in total	Computing and			0707-3	
	cost of entire	Computing and Communication 2015				
	network	(ISACC 2015), Organized by				
	network	Department of Computer				
		Science & Engineering,				
		Triguna Sen School of				
		Technology, Assam				
		University, Silchar, India,				
		published by IEEE.				
P.Deb, D. Poddar,	Study of Fairness	3rd International Conference	Nil	2016	978-1-4799-	101-106
S.Deb, A.	and delay of	on Recent Advances in			8579-1	
Majumder	packet scheduling	Information Technology				
	in IEEE 802.11	(RAIT-2016), Organized by				
	based Wireless	Department of Computer				
	Mesh Network	Science & Engineering, ISM				
	CI ICI I	Dhanbad	3711	201 -	37'1	2711
A. Majumder, S.	Classification and	Second International Conference on Information	Nil	2016	Nil	Nil
Deb, S. Roy	Performance	and Communication				
	Analysis of Intra-	Technology for Competitive				
	domain Mobility	Strategies (ICTCS-2016),				
	Management Schemes for	Organized by Assocation of				
	Wireless Mesh	Computer Machinery				
	Network	(ACM), Udaipur Chapter and				
	THOUWOIK	Computer Society of India (CSI) Udaipur Chapter, to be				
		published by ACM-ICPS				
<u> </u>	1	11	i .	1	1	1

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept.

Name	Conference/ Seminar/			s of full paper: (Maximum 4 per person)
Name	Workshop attended	Date	Organized by	Title of the paper presented
Sourav Dey	5th International Conference on	19th	Indian Institute of	Performance Evaluation of
Roy	Soft Computing for Problem	December,	Technology	Geometric Based Hybrid Approach
•	Solving (SocProS15)	2015	Roorkee	For Facial Feature Localization
Anu Singha	17th International Workshop on	26th	ISI, Kolkata	Analysis and Performance
C	Combinatorial Image Analysis	November,		Evaluation of ICA-based
	(IWCIA 2015)	2015		Architectures for Face Recognition
Anu Singha	17th International Workshop on	27th	ISI, Kolkata	Independent Component Analysis
•	Combinatorial Image Analysis	November,		Architectural Feature Evaluation by
	(IWCIA 2015)	2015		Correlating Face Images
Dr. Mrinal	7 <sup>th</sup> International Conference on	16th	Indian Institute of	An Approach for Automatic Pain
Kanti	Intelligent Human Computer	December,	Information	Detection through Facial Expression
Bhowmik	Interaction (IHCI 2015)	2015	Technology	
			Allahabad	
Priya Saha	7 <sup>th</sup> International Conference on	16th	Indian Institute of	Mathematical Representations of
	Intelligent Human Computer	December,	Information	Blended Facial Expressions towards
	Interaction (IHCI 2015)	2015	Technology	Facial Expression Modeling
			Allahabad	
Shawli	IEEE International Symposium	15th	Department of	A Review on Inflammatory Pain
Bardhan	on Advanced Computing and	December,	Computer Science	Detection in Human Body through
	Communication 2015 (ISACC	2015	& Engineering,	Infrared Image Analysis
	2015)		Triguna Sen	
			School of	
			Technology,	
			Assam University,	
			Silchar, India	
Usha Rani	IEEE International Symposium	15th	Department of	Breast Abnormality Detection
Gogoi	on Advanced Computing and	December,	Computer Science	Through Statistical Feature Analysis
	Communication 2015 (ISACC	2015	& Engineering,	using Infrared Thermograms
	2015)		Triguna Sen	
			School of	
			Technology,	
			Assam University,	
			Silchar, India	
Abhishek	Second International	5 <sup>th</sup> March	Assocation of	Classification and Performance
Majudmder	Conference on Information and	2016	Computer	Analysis of Intra-domain Mobility
	Communication Technology		Machinery (ACM)	Management Schemes for Wireless
	for Competitive Strategies		Udaipur Chapter	Mesh Network
	(ICTCS-2016)		and	
			Computer Society	
			of India (CSI)	
			Udaipur Chapter	

6. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses
			submitted/ Awarded
Smt. Usha Rani	A Study on Breast Abnormality	Supervisor:	Registered
Gogoi	Detection Using Infrared	Dr. Mrinal Kanti Bhowmik	
	Thermograms.	Assistant Professor, Tripura	
		University	
		(A Central university)	
		Co-Supervisor:	
		Prof. Anjan Kumar Ghosh	
		Vice Chancellor, Tripura University	
		(A Central University)	

Smt. Shawli Bardhan	Design and Analysis of IR Images Generated from Inflammatory Pain Disease.	Supervisor: Dr. Mrinal Kanti Bhowmik Assistant Professor, Tripura University (A Central university)	Registered
Smt. Kakali Das	Prediction of performance of Health Abnormality Detection System(HADSs) Based on Thermal Image	Supervisor: Prof. Barin Kumar De Professor of physics, Tripura University (A Central university) Co-Supervisor: Dr. Mrinal Kanti Bhowmik Assistant Professor, Tripura University (A Central university)	Registered
Smt. Tannistha Pal	Enhancement of Poor Visibility for Accurate Object Detection in Image Sequence	Supervisor: Dr. Mrinal Kanti Bhowmik Assistant Professor, Tripura University (A Central university)	Registered

# 7. Outreach Footprint of the Department:

7. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

7 1 2 21	Semman, Comercine, it office.	торы, Буттрови	Ecotore, rung contorur rogramme organized by a	ne Bepartiment.
S1.	Date	Duration	Title	No. of Participants
No.				
1.	13th-14th January,2016	2 Days	Two Days Workshop on Virtual Laboratory	30
2.	20th November, 2015	1 Day	Computational Aspects of Inflammatory Pain	40
			Related Diseases	
3.	1 <sup>st</sup> to 2 <sup>nd</sup> August 2015	2 Days	Two Days National Workshop on Emerging	30
			Areas in Wireless Network & Communication	ļ

7. B. Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Mrinal Kanti Bhowmik	IEEE	Member
Dr. Mrinal Kanti Bhowmik	ACM	Member
Dr. Mrinal Kanti Bhowmik	SPIE	Member
Dr. Mrinal Kanti Bhowmik	IET	Associate Member
Dr. Mrinal Kanti Bhowmik	Institutions of Engineer(IE)	Graduate Member
Abhishek Majumder	IEI	Associate Member
Abhishek Majumder	IEEE	Member
Abhishek Majumder	IEEE Communication Society	Member

# 8. Major thrust area of research:

- Biometrics
- Information Security
- Computer Vision
- Medical Imaging
- Infrared Imaging
- Wireless Network

# 9. New initiatives/Innovations:

10. A. Teaching Laboratory/ Research Laboratory:

1	o. A. Teaching Eaboratory/ Research Eaboratory.						
	Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)				
	04	01	03				

### 10. B. Major Instruments available in the Department:

- a) Biometrics Laboratory
  - 5 NIKON D5100 VR KIT Cameras with accessories with Simplex Flash Radio Trigger, ML-3 (Infrared Multitrigger), Tripod (Camera Stand).
  - 1 Rack max 4U Server (HP/DL580) with 2.13GHz Intel Xeon Quad Core processor.
  - 1 Dell Studio XPS 1640 Laptop, with 2.40GHz 789 MHz Intel Core 2 Duo processor with 4GB physical memory.
  - 3 HP Compac desktop computers with 2.80GHz, 3.00GHz, 2.66GHz Core 2 Duo processors and 2GB, 2GB, 1GB physical memory respectively.
  - Online UPS, 3.0 KVA.
  - RTG005-USB connected FPGA and Power PC Image Processing System.
  - Sony Make Camera Link Camera, Monochrome, universal power supply with 4mm Mega Pixel Lens, Mini 26 pin camera link connector.
  - HP Laser Jet M1522nf Printer cum Scanner cum Copier cum Fax.
  - HP Laser Jet Printer P1008.

### b) Bio-Medical Infrared Image Processing Laboratory

- T650sc Infrared Thermal Camera.
- APC 6KVA online UPS
- FLIR E60 Thermo-vision camera with Digital camera flash, built in laser with software and tri-pod mounted.

### c) Mobile Computing Laboratory

- Dell Precision Tower 5810 workstation.
- Online UPS, 3.0 KVA.
- Samsung xpress M2876ND all in one laser printer.

### 11. On-going Research Projects in 2015-16:

Principal Investigator	Co-Investigator	Funding Agency	Title of the project	Total Grant	Grant received	Tenure
				(Rs. in Lakhs)	during the year	
Dr.Mrinal Kanti Bhowmik	Co-Investigator-1: Prof. Barin Kumar De Professor Department of Physics, Tripura University  Co-Investigator-2: Dr. Satyabrata Nath Assistant Professor & Head-In- Charge Physical Medicine and Rehabilitation (PMR) Department, Agartala Government Medical College and Gobind Ballav Pant Hospital, Agartala, Tripura (W)  Co-Investigator-3: Dr. Gautam Majumdar Assistant Professor & Medical Superintendent Radiotherapy Department, Regional Cancer Center, Agartala Government Medical College, Agartala, Tripura (W)	Department of Biotechnolog y (DBT), Twining Project, Govt. of India	Design And Development Of Techniques For Pain Management And Breast Cancer Detection Using Infrared Imaging	Rs. 64.28 Lakhs	Third Instalment Not Received Yet	3 Years  2 Years
Abhishek Majumder		Electronics and Information Technology, Govt. of India.	an Intra-Domain Mobility Management Scheme for Single Gateway Wireless Mesh Network to handle Highly Mobile Mesh Clients	14.07 Lakhs	Lakhs	2 i cais

12. Any other achievements:

Name of Faculty	Name of Awards/Medals/Honours	Date of	Awarding	Remarks
member		Awards/Medals/	Agency/Institution	
		Honours		
Dr. Mrinal Kanti	Selected for Fellowship (Application No.	Dated 16/03/2016	Science and	Grant of
Bhowmik	ITS/163/2016-17) for attending and		Engineering	Rs. 90, 871/-
	presenting a paper in SPIE Defense +		Research Board	
	Security -2016, Part of Program Track on		(SERB), Govt of	
	"Thermosense: Thermal Infrared		India	
	Applications XXXVIII", Baltimore			
	Convention Center, Baltimore, MD, United			
	States, APR 2016.			

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### DEPARTMENT OF ELECTRICAL ENGINEERING

Head of the Department : Dr.Champa Nandi, Head (i/c)

Year of Establishment : 2005

Programmers on offer : **Electrical Engineering (M.Tech, Ph.D)** 

Intake capacity : 24 (M.Tech)

### Major Achievements/ Vision of the Department:

The success and the achievement of any academic institution and its departments can be gauged by the success and reputation enjoyed by its students. Post-graduate students of the Department of Electrical Engineering easily find employment in the leading government, public or private organizations.

The vision of the Department is to be well recognized regionally and internationally for excellence in its educational programs, pioneering research activities and in full compliance to the international standards of quality assurance. The Electrical Engineering Department has also vision to produce comprehensively trained socially responsible, innovative electrical engineers and researchers of highest quality to contribute to the nation's imprint on the world stage.

### 1. Fulltime Faculty Members:

Name	Qualification (PG/ MPhil/ Ph.D/ NET, SLETetc)	Designation	Courses taught in 2015- 16	Research area	No. of years of Teaching/ Research/ job	No. of existing Ph.D. Scholars
					experience	under his/her supervision
Mrs. Sangita Das Biswas	M.Tech (EE)	Assistant Professor	Modern Power System, Smart Grid, Power System Simulation Lab, Machine Design and Seminar, Project Design	Power System	12(+) Years	NIL
Dr. Champa Nandi	Ph.D, M.Tech (EE)	Assistant Professor	Modern Control System, Power Electronics Converters, Control and Measurement Lab, Power Electronics Lab, Project Design and Seminar, Technical Communication	Controller Design	6 Years	Nil

## 2. Guest Teachers/Contract Teachers:

Name	Qualification		Research area/	No. of years	No. of years
	(PG/MPhil/Ph.D/	Courses Taught in 2015-16	interest	of teaching	of research
	NET, SLETetc)			experience	experience
Gagari Deb	M. Tech	Power System Protection and	Voltage Stability	7+ years	7+ years
		Switchgear, Control and Measurement	Analysis of Power		
		Lab, Nonconventional Energy	System		
		Sources and Power Generation, DSP			
		and Communication Networking,			
		Power Electronics Lab, Power System			
		Simulation Laband Seminar			

# 3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura University	Institution affiliated with now/previously (if retired)
Prof. Dipak Ranjan Poddar	EMI/EMC	Jadavpur University

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

4.1. Publications in peer reviewed Journals published outside India (International):

recorded to the contract of th		1	, .			
All Authors	Title	Name of the Journal/	Volume	Year	ISSN/DOI	Page
		Magazine		(2015-16)		No.
Mrs. Sangita	Innovative Approach	International Journal of	Volume	2016	(Online) 2321–2004	86
Das Biswas,	of Designing	Innovative Research in	4		(Print) 2321–5526 /	-
Moumita	Multilevel Inverter	Electrical, Electronics,			10.17148/IJIREEICE.	88
Saha,	with Reduced Number	Instrumentation and			2016.4223	
Priyanka	of Switches	Control Engineering				
Debbarma	A New Multilevel	International Journal of	Vol. 5	2016	(Online): 2319-8753	5814
	Inverter Topology to	Innovative Research in			(Print): 2347-6710/	-
	Drive an Induction	Science, Engineering			10.15680/IJIRSET.20	5819
	Motor System	and Technology			16.0504104	

4.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/DOI	Page
		Magazine		(2015-		No.
				16)		
C.Nandi,	"Nonlinear Power	Applied Engineering	Vol. 10	August	0973-4562	pp.
A.K.Chakraborty	System analysis with	Research	No.16	2015		37034-
	and without					37037
	STATCOM"					

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr. Champa Nandi	Two Days Workshop on "Recent Trends on power Electronics and Drives"	21 <sup>st</sup> -22 <sup>nd</sup> November 2015	Department of Electrical Engineering, NIT Agartala	Attended
Mrs. Sangita Das Biswas	Two Days Workshop on "Virtual Laboratory"	13 <sup>th</sup> -14 <sup>th</sup> January, 2016	Jointly organized by Department of Computer Science and Engineering, Tripura University and Indian Institute of Technology Guwahati, Guwahati	Participated
	One Day Seminar on "Power Development Scenario in Tripura and Bangladesh"	25 <sup>th</sup> March, 2016	Jointly organized by The Institution of Engineers (India), Tripura State Centre, NIT, Agartala, TIT, ICFAI University, Techno India and Tripura University	Participated
	One Day Seminar on "Power Generation in North Eastern Region of India"	26 <sup>th</sup> March, 2016	Jointly organized by The Institution of Engineers (India), Tripura State Centre, NIT, Agartala, TIT,ICFAI University, Techno India and Tripura University	Participated
	One Day Seminar on "Power Development Scenario in Tripura and Bangladesh"	30 <sup>th</sup> March, 2016	Jointly organized by The Institution of Engineers (India), Tripura State Centre, NIT, Agartala, TIT,ICFAI University, Techno India and Tripura University	Participated
Mrs. Gagari Deb	i)"Stability Modelling & Analysis of Power System Including Large Renewable Energy Sources" under Global Initiative for Academic Networks (GIAN)	30 <sup>th</sup> December, 2015-8 <sup>th</sup> January, 2016	Department of Electrical Engineering, NIT Agartala.	Attended
	ii) Three Days National Workshop on "Recent Advancement in Soft Computing Techniques"	29 <sup>th</sup> -31 <sup>st</sup> January, 2016	Department of Mathematics, NIT Agartala.	Attended

### 6. Outreach Footprint of the Department:

Outreach at the Department of Engineering aims to introduce post graduate and young people to the excitement of engineering in a university research environment. We provide opportunities for students and staff to inspire the next

generation of engineers and scientists while developing their skills in Electrical Engineering ideas to a non specialist audience.

6. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of
No.				Participants
1	14 <sup>th</sup> September	1 Day Special Lecture	Special Lecture on "Drivers for power	50
	2015		2030"	
2	17 <sup>th</sup> September	1 Day Special Lecture	Special Lecture on "Electrical	50
	2015		Technologies for Off shore Winds"	
3	19 <sup>th</sup> -20 <sup>th</sup> January	Two days workshop jointly organized by	"LABVIEW with Real Time Data	24
	2016	Micro Pro & National Instruments	Acquisition and Control"	
		Company and Tripura University on 18-	(Coordinator : Dr. Champa Nandi)	
		19 <sup>th</sup> January 2016,		
4	29 <sup>th</sup> Feb 2016 to	5 days workshop on a UGC NRCPS	"PHOENICS 2016"	55
	4 <sup>th</sup> March 2016	Program, jointly organized by Institute of	(Coordinator : Dr. Champa Nandi)	
		radio Physics and Electronics and		
		Department of EE, Tripura University,		





PHOENICS 2016 final moment Photograph

7. B. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Mrs. Sangita Das Biswas	IEEE, IEI (I).	Member of IEI
Dr. Champa Nandi	IEEE. IEI	Associate Member of IEI
Mrs. Gagari Deb	IEI	Associate Member of IEI

7.C. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Mrs. Sangita	Short-term Course under GIAN (Global	National Institute of	10 Days	30 <sup>th</sup> December,
Das Biswas	Initiative for Academic Networks)	Technology (NIT),		2015-8 <sup>th</sup> January,
		Agartala, Tripura		2016
Mrs. Gagari	Short-term Course under GIAN (Global	National Institute of	10 Days	30 <sup>th</sup> December,
Deb	Initiative for Academic Networks)	Technology (NIT),		2015-8 <sup>th</sup> January,
		Agartala, Tripura		2016

8. Major thrust area of research: Smart Grid

### 9. New initiatives/Innovations:

The Department always inspired various opportunities to the students and teachers to conduct research and to attend other career development programs with the assistance of University Grants Commission and other agencies.

10.A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
4	Power system, Machine Lab, Measurement Lab, Computer	-
	Simulation Lab	



Power System Lab

Computer Simulation Lab

# 10.B. Major Instruments available in the Department: PSCAD, ETAP, LabView Software

11. On-going Research Projects in 2015-16:

TT. On going I	1. On going research rojects in 2015 10.						
Principal	Co-	Funding	Title of the project	Total Grant	Grant received	Tenure	
Investigator	Investigator	Agency		(Rs. in	during the		
				Lakhs)	year		
Dr. Champa	-	MHRD	GIAN Project on Smart Grid:	8.16 lac	-	January 2016-	
Nandi			Secure and Sustainable Energy			December	
						2016	

12. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

2 2	Total			Gen		OBC		SC		ST		PH (C		Mino	rity
Name of Examinations												Total)	)		
Name Examinat	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	-	-	=.	-	-	-	-	-	-	-	-	-	-	-	-
GATE	1	1	2	-	1	-	-	1	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	=.	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

13. Details of Student's Placement known to the Department:

Sl.	Name	Sex	Category	Name Of	Designation	Examination	Name Of The
No.		M/F	(GEN/	The		Body	Examination
			ST/SC/	Organization			
			OBC/MIN)	/ Dept.			
			[Give				
			Asterisk *				
	· · · · · · ·	3.6	For Pwd]	2502	at.	DEG DE GI	D 17
1.	Joydeep Paul	M	NA	REC Power	Site	REC PDCL	Personal Interview
				Distribution	Engineer		
				Company Limited			
2.	Sukanta Banik	M	GEN	TSECL	Manager (A)	TSECL	TSECL/2013-14/03.
					<u> </u>		
3.	Sharmila Choudhury	F	GEN	TSECL	Manager (A)	TSECL	TSECL/2013-14/03.
4.	Asish Banik	M	Gen	TSECL	Manager (A)	TSECL	TSECL/2013-14/03.
5.	Nandalal Jamatiya	M	ST	TSECL	Manager (A)	TSECL	TSECL/2013-14/03.
6.	Subhasish Roy	M	SC	TSECL	Manager (A)	TSECL	TSECL/2013-14/03.
7.	Prasenjit Sharma	M	Gen	TSECL	Manager (B)	TSECL	TSECL/2013-14/03.
8.	Satadipa Bhowmik	F	SC	Gomati Dist.	Lecturer	GDP	Personal Interview
				Polytechnic			
9.	Braja Gopal Das	M	SC	Tripura	Technical	Tripura	Tripura University
				University	Assistant	University	Interview

#### DEPARTMENT OF FORESTRYAND BIODIVERSITY

Head of the Department : **Dr Thiru Selvan, Head (i/c)** 

Year of Establishment : 2011

Programmes on offer : M. Sc. in Forestry and Biodiversity; Ph. D. in Forestry and Biodiversity

Intake capacity : M.Sc.- 20

Ph.D.- As per UGC norms depending on vacancy with each faculty.

# Major Achievements/ Vision of the Department:

This department focusses to emerge as a Centre of Excellence in Forestry and Biodiversity Conservation and Management: (1) by undertaking, aiding, promoting and coordinating forestry education, research and their applications.(2) by systematically moving towards need based forestry teaching, research and extension activities, and (3) by developing outstanding and talented forestry professionals for careers leading to Forest and Biodiversity Conservation and Management. Since its inception three batches of Post Graduate Students totaling 31 Nos (12 Males and 19 Females) passed out from the Department. Most of the passed out students have been absorbed in local academic and research institutions. Nine Scholars have been enrolled for the Ph. D programme. The Department has undertaken 5 Projects and has successfully completed 03 Projects till date of which 2 are ongoing. The Department has organized one National Seminar and one Workshop in the last one year. This Department aims to carry out research in Forest Biotechnology, Remote sensing/GIS, Ecological Modelling by carrying out solution based forestry research in tune with the emerging issues of global concern and with emphasis on nurturing the technologies related to biodiversity to rural people as well through trainings, exhibitions, etc. The Department in striving to create a recognition in the field of Forestry and Biodiversity in the North east and the country as a whole.

1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/ Ph.D/NET, SLET etc)	Designation	Courses taught in 2015- 16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr Bimal Debnath	M. Sc., Ph. D. (Botany), NET	Assistant Professor	Biodiversity, Plant Systematics, Plant Breeding and Tree improvement, Forest Biotechnology, Watershed Management, NTFPs, EVS in IMD	Plant Biodiversity, Forest Biotechnology	12.5 years	02
Dr Sourabh Deb	M Sc., Ph.D. (Environmental Science)	Assistant Professor	Forest Ecology, Forest & People, Agroforestry, Forest Soil and Microbial diversity	Agroforestry & Forest Ecology	5 years	03
Dr Thiru Selvan	M Sc Forestry; Ph. D. Forestry with NET in Forestry	Assistant Professor	Silviculture; Forest Biometry; Forest Genetics and Tree Improvement; Forest Resource Management; Reproductive Biology and Breeding Methods in Forest Trees; Quantitative Genetics in Forest Tree Breeding; Wildlife Biology, management and Eco-development; Forest and Biodiversity - Policy, Laws, International Conventions and other Global Issues	Forest Biology and Tree Improvement; Natural resource Management; Climate Change and Mitigation; Ecological Modelling	07 years of Teaching; 08 years of Research and 15 Years of Job experience	04

2. Visiting Teacher/ Visiting Fellow:

	• •	
Name	Topics of courses/lectures taught in	Institution affiliated with now/previously
	Tripura University	(if retired)
Dr Hemanta Kumar Sahu	Wildlife Biology, management and Eco-	Reader & Head P.G. Department of
	development	Zoology, North Orissa University,
		Baripada-757003 Odisha

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

3.1. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the	Vol.	Year	ISSN/DOI	Page
		Journal/ Magazine		(2015- 16)		No.
Dipan Sarma	Two species of	Annals of Plant	5	2016	2249-7412, CODEN (USA):	1360-
and Bimal	Amaryllidaceae, new	Sciences			AJPSKY	1362
Debnath	distributional record for				http://dx.doi.org/10.21746/ aps.	
	Tripura, North East India.				2016.06.003	
J. Debbarma,	Tree diversity and	Forests, Trees and	25	2016	2164-3075	33-40
D. Deb & S.	sociocultural significance	Livelihoods			10.10800,	
Deb	of homegardens in the	(Taylor & Francis)				
	Barmura range, Tripura,					
	North-east India					
D.Deb, B.K.	Ethno-medicinal plants	Biodiversitas	17	2016	1412-033X	256-
Datta,	used for herbal medication				10.13057/biodiv/d170xx	259
J.Debbarma	of jaundice by the					
and S.Deb	indigenous community of					
	Tripura, India					
S. Tangjang,	Litterfall, decomposition	International	41	2015	2320-5199	43-53
A.	and nutrient dynamics in	Journal of Ecology				
Arunachalam	traditional agroforestry	& Environmental				
& S. Deb	systems of northeast India,	Science				

3.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year (2015-	ISSN/DOI	Page No.
		Magazine		16)		
Debnath B, Sarma D, Paul C and Debnath A	New distributional records for the flora of Tripura, India and their ethno-medicinal uses	Bioscience Discovery	7	2016	Print- 2229-3469; Online- 2231-024X	116- 120.
Debnath B, Paul C, Debnath A and Saha D.	Evaluation of cytotoxicity of Terminalia arjuna (Roxb.) Wight & Arn. And Moringa oleifera Lam. In root Meristem cells of Allium cepa	Journal of Medicinal Plants Studies	4	2016	Online 2320-3862 Print 2394-0530	107- 110
Debnath B, Sarma D, Paul C and Debnath A.	Arundina graminifolia (D. Don) Hochr (Orchidaceae) – a new addition to the Flora of Tripura, India	Asian Journal of Plant Science & Research	6	2016	2249-7412 CODEN (USA): AJPSKY	2016 28-31
Debnath B, Paul C and Debnath A.	Allelopathic effects of invasive weed ( <i>Solanum</i> sisymbriifoliumLamk.) on germination and seedling growth of four widely cultivated Indian crops	International journal of Science and Nature	7	2016	2229 – 6441 (Online), 0973-3140 (Print)	194- 198
Debnath B, Debnath A, Paul C and Chakraborty K.	Allelopathic effects of <i>Hevea</i> brasiliensis leaf extracts on four common legumes	International journal of Current research	8	2016	0975-833X; Thomson Reuter's Researcher's ID 9046-2014	2489 7- 2490 1
Debnath B, Paul C and Debnath A	Dioscorea esculanta (Lour.) Burkill var. 119pinose R. Knuth, [Dioscoreaceae] – A new distributional record for Tripura, India	Global Bioscience	4	2015	2320-1355	2869- 2872

R. Shankar, S.	Traditional Healing practices in	Indian Journal	50	2015	0019-5235; /	324-
Deb and B. K.	Northeast India	of History of			10.16943/ijhs/201	332
Sharma		Science (Indian			5/v50i2/48242	
		National				
		Science				
		Academy)				
J. Debbarma, M.	Contribution of Women in	Octa Journal of	3	2015	2321 3655	343-
Taran and S. Deb	Agroforestry Practices of West	Environmental				351
	Tripura, North-East India	Research				

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Ms. Imalisa Pal, Ms. Jaba Debbarma & Ms. Moitree Taran	Himalayan Young Researcher's Meet-II	15-17 September, 2015.	G. B. Pant Institute of Himalayan Environment and Development, Ministry of Environment, Forest and Climate Change, Government of India, Kosi-Katarmal, Almora, Uttarakhand, India.	Participated
Ms. Manaswita Chanda	India Biodiversity Portal NE launch and workshop	23rd-25th September 2015	ATREE and Department of Botany, NEHU	Participated
Mr Dipankar Deb	Certificate Course on Basics of Remote Sensing, GIS & GNSS	10 <sup>th</sup> August to 27 <sup>th</sup> November, 2015	Indian Institute of Remote Sensing, Dehradun	e- Learning based Program
Ms. Jaba Debbarma,Ms. Moitree Taran, Ms. Imalisa Pal &Ms. Manaswita Chanda	Statistical and Computing methods for life science data analysis	14-19 March, 2016	Biological anthropology Unit, Indian Statistical Institute, Kolkata in Human Physiology & IT Department	Participated

5. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

			<u>, , , , , , , , , , , , , , , , , , , </u>	
Name	Place	Date	Organization	Title of Invited talk
Dr	Arundhuti	23 <sup>rd</sup> Sept.,	State Institute of Public	Crop Diversification:
Sourabh	Nagar,	2015	Administration and Rural	Agri-Horti & Forest Management
Deb	Agartala		Development (SIPARD)	
	Gandhigram,	23 <sup>rd</sup> May,	Centre for Forest-based	Mainstreaming Biodiversity; Sustaining
	Agartala	2016	Livelihoods and Extension (CFLE)	People and their Livelihoods
Dr Thiru	Burnihat,	14 <sup>th</sup> to 21 <sup>st</sup>	Central Academy for State Forest	Joint Forest Management, Rural and Tribal
Selvan	Assam	Feb., 2016	service, Burnihat, GOI,	Development
			MoEF&CC	-

6. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses
			submitted/ Awarded
Mr Amal Debnath	Impact assessment of Chromolena odorata (L.) King	Dr Bimal	Synopsis approved by
	Rabinson (Alien Invasive) on Diversity and Composition of	Debnath	BPGS
	Vegetation, Soil Properties and Litter Decomposition Rate in		
	Attaramura Forest range of Tripura State.		
Ms Imalisa Pal	Reproductive Biology, Biochemical and Nutrient Changes	Dr Thiru Selvan	Synopsis approved by
	during Developmental Stages in Current Flowering Bamboo		BPGS
	Species of Tripura		
Ms Jaba	Carbon pool and nutrient dynamics of homegarden systems	Dr Sourabh Deb	Synopsis approved by
Debbarma	in Barmura Hill range of Tripura state		BPGS
Ms Moitree Taran	Assessment of water quality and ecosystem services of	Dr Sourabh Deb	Synopsis approved by
	Rudrasagar lake, a Ramsar site in South West Tripura State		BPGS

# 7. Outreach Footprint of the Department:

7. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of Participants
No.				
1.	16 <sup>th</sup> Dec., 2015	1 Day	Overview of Forest Management in India	30
2.	17 <sup>th</sup> Dec., 2015	1 Day	Medicinal Plants and their Conservation Status	30
3.	18 <sup>th</sup> Jan., 2016	1 day	Biodiversity Conservation and CAMP process using	30
			IUCN Red List Categories and Criteria	

7.B. Interaction with Industry/ NGO/ Govt. Organization:

Sl.	Faculty Names	Name of Industry/ NGO	Location of	MOU	Any Grant	Student
No.	,	, and the second se	Industry	Signed?	Received?	Placed?
			J	(Yes/No)	(If yes value in	(If yes No.)
				, , ,	Lakhs)	, •
1	Dr Thiru Selvan	Sustainable Development	Kohima - 797001	No	0.50 lakh	No
		Forum Nagaland (SDFN)	Nagaland			

7.C. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Bimal Debnath	East Himalayan Society for Spermatophyte Taxonomy, University	Life member
	of North Bengal West Bengal, India	
Dr Sourabh Deb	National Environmental Science Academy, New Delhi	Life Member
Dr Thiru Selvan	Indian Society of Tree Scientists	Life Member
	Indian Society of Agro forestry	Life Member

7.E. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr Sourabh Deb	Refresher course on Environment, forestry and disaster management	UGC-HRDC, Guru Ghasidas Vishwavidyalaya Bilaspur, Chattisgarh	21 Days	21.01.2016 to 11.02.2016
Dr Thiru Selvan	Refreshers Course on Environmental Studies	UGC-HRDC Aligarh Muslim University, Aligarh	21 Days	22.07.2015- 11.08.2015

# 8. Major thrust area of research:

- Forest Biotechnology
- Non-timber forest produce-Conservation, Utilization & Management
- Tree Improvement and Genetic Resources
- Structural & Functional Agroforestry

#### 9. New initiatives/Innovations:

Collaborative work with CFLE, A Centre of ICFRE, Dehradun and RRII, Agartala was undertaken towards Master's Thesis.

10.A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
05	01	04

### 11.B. Major Instruments available in the Department:

- Remi Mini Rotary Shaker
- Whirlpool Refrigerator
- Refrigerated Centrifuge
- Environmental Test Chamber
- Spectrophotometer
- Electronic Balance
- Flame Photometer
- Digital Conductivity Meter
- Magnetic Stirrer
- Laminar Flow
- Autoclave
- Laboratory Centrifuge
- Ph Meter
- Trinocular Microscope
- Kjeldahl Nitrogen Analyzer (DST-AICP Project)
- Muffle furnace (DST-AICP Project)-
- Hot Air Oven (DST-AICP Project)
- Computer with Arc GIS software (DST-AICP Project)

12. On-going Research Projects in 2015-16:

Principal		Funding Agency	Title of the project	Total Grant	Grant	Tenure
Investigator	Co-			(Rs. in Lakhs)	received	
	Investigator				during the	
					year(Rs. in	
					Lakhs)	
Dr Sourabh	Prof. B. K.	Department of	Assessment of carbon stock	45.10	19.13	3 Years
Deb	Datta,	Science and	and carbon sequestration			
	Department	Technology,	potential in major land use			
	of Botany	New Delhi	sectors of Tripura"			
Dr. Bimal	-	CSIR, New Delhi	Database generation on	18.16	-	3 Years
Debnath			medicinal plant diversity, its			
			Traditional use in Tripura and			
			Relation with their			
			Phytochemical constituents			
Dr. Bimal		UGC, New Delhi	Cytological investigation of	6.00		3 years
Debnath	-		important forest tree species		-	
			in Tripura			

13. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

5. No of students quantied in various public examinations in the Academic year 2013-10 from the Department.															
Name of Examinations	Total			Gen		OBC		SC		ST		PH (C Total)	Out of )	Mino	rity
Name e Examinat	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	1	1	-	-	-	-	-	-	-	1	-	-	-	-
SLET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	2	2	-	1	-	-	-	-	-	1	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

14. Details of Student's Placement known to the Department:

Name	Sex M/F	Category (GEN/ ST/SC/ OBC/MIN) [give asterisk * for PwD]	Name of the Organization/Dept	Designation	Examination Body	Name of the Examination
Mr Prasanta Debbarma	M	ST	DST Sponsored Project	JRF	Tripura University	Through Interview
Mr Biplab Banik	M	Gen	ISRO	JRF	Tripura University	Through Interview
Mr Shubankar Chakma	M	ST	Garia Academy	Assistant Teacher	Garia Academy	Through Interview
Ms Debjani Nath	F	OBC	Holy Cross School	Assistant Teacher	Holy Cross School	Through Interview
Ms. Supriya Shil Sharma	F	OBC	Saint Stephens School	Assistant Teacher	Saint Stephens School	Through Interview

15. Awards/Medals/Honours received by the students during the academic year 2015-16:

Name of Students	Name of Awards/ Medals/Honours	Date of Awards/ Medals/Honours	Awarding Agency/Institution	Remarks
Ms. Imalisa	Selected as a Indian Youth	17 <sup>th</sup> to 24 <sup>th</sup> June,	Ministry of Youth Affairs and Sports, GOI	-
Pal	Delegate to China	2016	and Peoples Republic of China	

# DEPARTMENT OF GEOGRAPHY & DISASTER MANAGEMENT

Head of the Department : **Dr. Nibedita Das (Pan)** 

Year of Establishment : 2004

Programmes on offer : M.Sc. and Ph.D.

Intake capacity : 26

# Major Achievements/ Vision of the Department:

The department has received two major research projects of Rs. 1,17,69,275 from the Ministry of Earth Science and ICSSR. A good number of students have qualified NET/SET.

# Vision of the department:

- (i) To carry out collaborative research projects with other National and International Universities and
- (ii) To make the students more skilled, professional, competitive and employable.

# 1. Fulltime Faculty Members

Name	Qualification (PG/ MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Nibedita Das (Pan)	M.Sc., Ph.D.	Associate Professor and Head	Geomorphology, Natural Resorce Management, Climatology and Ocenography, Geography of North-East and Tripura	Fluvial Geomorphol ogy, Fluvial Hazards and Disaster Management	23 years 7 months (including 12 yrs in Govt. Degree College under T.U.)	04
Mrs. Jimmi Debbarma	M.A., NET	Assistant Professor	Cartography and Quantitative Mapping, Soil and Bio Geography	Environment, Population and Resource	9 years & 10 Months	-
Mrs. Mousami Debbarma	M.A., NET	Assistant Professor	Population and Settlement Geograophy, Natural Resorce Management	Human Geography	4 years & 6 months	-
Dr. Saptarshi Mitra	M.Sc., Ph. D.	Assistant Professor	Philosophy of Geography, Geography and Tourism, Special Paper-1, Special paper-2	Regional Planning, Urban and Rural Development	5 Years (Another One and Half Years in College)	06
Ms. Eshita Boral	M.A., NET	Assistant Professor	Climatology and Ocenography, Soil and Bio Geography, Cartography and Quantitative Mapping	Urban and Transport Geography	06 Months	-

# 2. Guest Teachers/Contract Teachers:

Name	Qualification		Research	No. of years of	No. of years of
	(PG/MPhil/ Ph.D/	Courses Taught in	area/interest	teaching	research
	NET, SLET etc)	2015-16		experience	experience
Dr. Lophro Celina	M.A., Ph.D.	Social and Political	Regional	6 months	-
Sapruna		Geogrpahy,	Development		
		Geography of North-			
		East and Tripura,			
		Geography and			
		Tourism			

# 3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in	Institution affiliated with now/previously (if retired)
	Tripura University	
Dr. Asit Kumar	Evolution of Remote Sensing in India	National Atlas and Thematic Mapping Organization
Sarkar		(NATMO), Kolkata

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

4.1. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/	Page
		Magazine		(2015-16)	DOI	No.
R.L Debbarma,	A Spatio-Temporal Study of	Indian Journal of	Volume-	2015	0046-	29-
&	Place Names with Reference to	Regional Science,	XLVII		9017	39
Saptarshi Mitra	Physical and Socio-Cultural	RSAI				
	Attributes in South Tripura,					
	District, Tripura					

4.2. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

All Authors	Title	Name of the Journal/ Magazine	Volume	Year	ISBN/	Page
				(2015-	DOI	No.
				16)		
R.L	A Comparative Infrastructural	Proceedings of National Seminar	-	2015	978-93-	pp.
Debbarma,	Developmental Scenario in	on Infrastructural Development			81631-	146-
Saptarshi	Rural ADC and Non-ADC	in India with Special Reference			37-9	160
Mitra	Villages of South Tripura	to North-Eastern States, 9-10 <sup>th</sup>				
	District, Tripura: A Case Study	October, 2015, Department of				
		Economics, Women's College,				
		Agartala				
Stabak Roy,	Infrastructural Status of	Proceedings of National Seminar	-	2015	978-93-	pp.61-
Saptarshi	Railway Transportation in	on Infrastructural Development			81631-	73
Mitra	Tripura in India: A	in India with Special Reference			37-9	
	Geographical Analysis	to North-Eastern States, 9-10 <sup>th</sup>				
		October, 2015, Department of				
		Economics, Women's College,				
		Agartala				

# 5. Details of publications not reported in category 4:

5.1. Book Chapters:

	1. Book Chapters.							
All Authors	Title of the Chapter	Book Editors	Name of the	Publishers	Year	ISBN	Page	
			Book		(2015-		No.	
					16)			
Subhajit	Assessment of the	Azizur	Resource	Pravalika	2015	978-	pp.131-	
Sen,	Paleiseismic condition and	Rahman	Management and	Publications		93-	140	
Susmita	deformation of Quartz	Siddiqui and	Development			84292-		
Paul,	Tectonite Rock in	Pradeep	strategies: A			21-8		
Saptarshi	seismotectonically active	Kuman singh	Geographical					
Mitra &	zone, Atharomura Hill,		Perspective-					
Sunil	Tripura, India							
Kumar De								

5.2. Papers in peer reviewed journals published in India:

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/	Page
		Magazine		(2015	DOI	No.
				-16)		
Jatan Debnath, Istak	Impact of anthropogenic activities on	Archives of applied	VII	2015	0975-	27-
Ahmed and Nibedita	channel characteristics: A case study	Science Research			508X	30
Das (Pan)	of Muhuri River, Tripura,					
	Northeast India					
Jatan Debnath, Istak	Physico-Chemical Analysis of the	Indian Streams	V	2015	2230-	1-7
Ahmed and Nibedita	Muhuri River, Tripura, North-East	Research Journal			7850	
Das (Pan)	India					

Istak Ahmed , Jatan	Impact of river on human life: A case	Radix International	IV	2015	2250-	1-13
			1 V	2013		1-13
1 '		journal of Research			3994	
Das (Pan)		in Social Science				
Istak Ahmed, Jatan	A study on Suspended sediment	International Journal	VI	2016	2277-	45-
Debnath and Nibedita	discharge and bed load grain size of	of Geology, Earth			2081	53
Das (Pan)	the Gumti River of Tripura at some	and Environment				
	selected tributary confluence point	Science				
Jatan Debnath,	Vulnerability Assessment of Socio	Journal of	XXI	2016	2279-	37-
Nibedita Das (Pan),	Economic condition due to River	Humanities and			0837	42
Istak Ahmed and	bank erosion: A case study on	Social Science				
Moujuri Bhowmik	Khowai River, Tripura, India.					
Saptarshi Mitra,	Tourism Industry of Namchi, South	Geographical	Volume	2015	0375-	170-
Stabak Roy, Sunil	Sikkim: An Overview	Review of India	77		6386	181
Kumar De						
Subhajit Sen, Abhijit	Morphology of Tilla-Lunga	Annals of NAGI	Volume	2015	0970-	77-
Santra, Debasish	Topography in West District, Tripura,		-XXXV		972X	93
Debbarma, Saptarshi	India					
Mitra & Sunil Kumar						
De						
Saptarshi Mitra,	Transport Network System in Namchi	Geo-Analyst	Volume	2015	2909-	1-9
Bikash Das, Stabak	Town of South Sikkim: A		-5		2249	
Roy, Sunil Kumar De	Geographical Appraisal.					

 Conference/Seminar/Workshops/Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agency other than Tripura University:

Name Conference/ Seminar/ Workshop Duration/ Organized by Title of the paper presented attended Date 9<sup>th</sup> International Geographical Dept. of Geography, "Drinking water related Health Mrs. Jimmi 18<sup>th</sup> to 20<sup>th</sup> Debbarma Union (IGU) Conference on Land Shaheed Bhagat effect in Hezarnara Block, West use change, Climate Extremes and March, Singh College Tripura"-organized by Shaheed Disaster Risk Reduction 2016 University of Delhi Bhagat Singh College, University of Delhi Workshop on Water Conservation, 19<sup>th</sup> Central Ground Ground water quality of Water Security, Water Quality, February, Water Board Hezamara Block, West Tripura: (CGWB), North Climate change and best practices 2016 A case study Eastern Region  $18^{th}$ Workshop on Statistical Data Interdisciplinary Analysis Method Novemberstatistical Research  $24^{th}$ unit, Kolkata & Dept. December, of Information 2015 Technology, Tripura University 19<sup>th</sup> Water Conservation, Water "Drinking water related Health Ministry of water Security, Water Quality, Climate February, resources, river effect in Hezarnara Block. change and best practices 2016 Development, Ganga Rejuvenation, Central Ground water Board, North-East India  $18^{th}$ Mrs. Workshop, on Statistical Data Interdisciplinary Mousami Analysis Method Novemberstatistical Research  $24^{th}$ Debbarma unit, Kolkata & Dept. of Information December, 2015 Technology, Tripura University Dr. 28<sup>th</sup> IGI Conference & National 29-31 Department of Morphology and Sedimentology October, Geography, North of tilla-lunga topography in West Saptarshi seminar on human Impact on Tripura District, Tripura Mitra Landscape 2015 Eastern Hill International Conference On Impact of Urbanization on Land University Urbanisation And Regional Use Change in Agartala City, Sustainability India

	Lagth A 1 G : OCT	20.20		D 137 1 G 1 G
	47 <sup>th</sup> Annual Seminar Of The Regional Science Association,	28-30 January,	Department of Geography,	Road Network System of Agartala City, India: Nature And
	India	2016	University of Calcutta	its Emerging Challenges
Ms. Eshita	International Conference on	28 <sup>th</sup> to 30 <sup>th</sup>	Dept. of Geography,	Role of Elevated Roadways in
Boral	Urbanisation and Regional Sustainability(47 <sup>th</sup> Annual Seminar of Regional Science Association)	January, 2016	University of Calcutta	Urban Mobility to and from Kolkata Municipal Corporation.
	International Geographical Union	18 <sup>th</sup> to 20	Dept. of Geography,	Performance of CNG Vehicles in
	(IGU) Conference on Land use	th March,	Shaheed Bhagat	Agartala Municipal Corporation:
	change, Climate Extremes and Disaster Risk Reduction.	2016	Singh College University of Delhi	A drive towards Environmental Sustainability.
Mr. Jatan	28 <sup>th</sup> IGI Conference and National	29 <sup>th</sup> to 31 <sup>st</sup>	NEHU, Deptt. of	Variability and Trend analysis in
Debnath, Research	Seminar on Human Impact on Landscapes	October, 2015	Geography	rainfall and discharge of the River Muhuri, Tripura, North-
Scholar	9 <sup>th</sup> IGU Conference on Land use	18 <sup>th</sup> to 20 <sup>th</sup>	Delhi University	East India An assessment of spatio-
	change, Climate Extremes and	March,	(Shaheed Bhagat	temporal change of land use/land
	Disaster Risk Reduction	2016	Singh College)	cover in the Muhuri river basin of Tripura and Driving forces behind it
Mr. Jatan	National Level Conference on	11 <sup>th</sup> -12 <sup>th</sup>	NIT, Agartala	Changing hydrological
Debnath,	Engineering Problems and	June, 2016		characteristics due to the
Research Scholar	Application of Mathematics, 2016			fluctuations of rainfall and interferences of human activities:
<b>501</b> 101 <b>11</b> 2				A case study on the Muhuri River, Tripura
Ms. Moujuri	28 <sup>th</sup> IGI Conference and National	29 <sup>th</sup> to 31 <sup>st</sup>	NEHU, Deptt. of	Flood Hazard Mapping of West
Bhowmik, Research	Seminar on Human Impact on Landscapes	October, 2015	Geography	Tripura District, Tripura, North- East India
Scholar	Engineering Problems and	11 <sup>th</sup> to 12 <sup>th</sup>	NIT , Agartala	Flood Simulation Modelling and
	Application of Mathematics, 2016	June, 2016	1111,119	Disaster Risk Reduction of West Tripura District, Tripura, North- East India
Mr. Subhajit	28 <sup>th</sup> IGI Conference & National	29 <sup>th</sup> -31 <sup>st</sup>	Department of	Morphology and Sedimentology
Sen	seminar on human Impact on Landscape	October, 2015	Geography, North Eastern Hill University	of tilla-lunga topography in West Tripura District, Tripura
Mr.	International Conference On	28-30	Department of	Road Network System of
Debasish Debbarma	Urbanisation And Regional Sustainability & 47 <sup>th</sup> Annual Seminar of The Regional Science Association, India	January, 2016	Geography, University of Calcutta	Agartala City, India: Nature And its Emerging Challenges
Mr.	International Conference On	28-30	Department of	Impact of Urbanization on Land
Dhirendrana	Urbanisation And Regional	January,	Geography,	Use Change in Agartala City,
th Das	Sustainability & 47 <sup>th</sup> Annual Seminar of The Regional Science Association, India	2016	University of Calcutta	India
Mr. Istak	28 <sup>th</sup> IGI Conference and National	29 to 31 <sup>st</sup>	NEHU, Dept. of	Sedimentation and Channel Bar
Ahmed,	Seminar on Human Impact on	October,	Geography	Formation: A case study of the
Research Scholar	Landscapes  9 <sup>th</sup> IGU Conference on Land use	2015 18 <sup>th</sup> to 20 <sup>th</sup>	Delhi University	Gumti River, Tripura Sedimentation induced
Scholar	change, Climate Extremes and	March,	(Shaheed Bhagat	depositional land of the Gumti
	Disaster Risk Reduction	2016	Singh College)	River of Tripura and its land use pattern
	Engineering Problems and Application of Mathematics (EPAM), 2016	11 <sup>th</sup> to 12 <sup>th</sup> June,2016	NIT Agartala	An analysis to the Grain Size Distribution of Bed Sediments of the Gumti River, Tripura
	One Day Workshop on Water	19 <sup>th</sup>	CGWB, North	An Analysis to the Impact of
	Conservation, Water Security,	February,	Eastern Region	Discharge water of the Palatana
	Water Quality, Climate Change and Best Practices	2016		Thermal Power Plant on Water Quality of the Gumti River, Tripura
		1	1	111puru

# 7. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/Workshop/ Summer or Winter School etc:

Name	Place	Date	Organization	Title of Invited talk
Dr. Nibedita Das	MBB College,	19 <sup>th</sup> March, 2016	Dept. of	River Bank Erosion in Tripura
(Pan)	Agartala		Geography	
Mrs. Jimmi Debbarma	Directorate of	28 <sup>th</sup> June, 2016	CCRT, Delhi	Disaster management-Natural
	School Education,			Calamities and Revival of Culture
	Tripura			

8. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of	Research topic	Name of Guide	Registered/ Theses
Scholars			submitted/ Awarded
Mr. Jatan	A geo-environmental study on Land use/ Land cover change in	Dr. Nibedita Das	Registered
Debnath	the Muhuri River basin, Tripura, North-East India.	(Pan)	
Mrs. Rina	Channel shifting of the River Khowai at Baganbazer, Alepsha and	Dr. Nibedita Das	Thesis submitted
Rani Deb	Khanchanghat	(Pan)	

# 9. Outreach Footprint of the Department:

9. A. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Saptarshi Mitra	Disaster Management	UGC-HRDC, Department of Geography University of Calcutta.	21 days	26 February-17 March, 2016

#### 10. Major thrust area of research:

Fluvial Hazard Analysis and Disaster Risk Reduction Strategies, Regional Planning, Urban Geography, Transport Geography, Settlement Geography, Rural Development, Tourism Geography, Political Geography, Land-use Study.

### 11. New initiatives/Innovations:

In order to study the crustal deformation and movement of the Indian plate, five permanent GPS stations to be set up at different selected sites of Tripura under the financial aid of the Ministry of Earth Science, Govt. of India.

12. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
Three (03)	Remote Sensing & G.I.S. Lab	Fluvial Hazard Analysis Lab
		Regional Planning, Urban & Rural Development Lab

### 12. B. Major Instruments available in the Department:

- (1) Global Positioning System (GPS)
- (2) Total Station
- (3) Soil Erosion Monitoring System.

13. On-going Research Projects in 2015-16:

Principal	Со-	Funding	Title of the project	Total Grant	Grant	Tenure
Investigator	Investigator	Agency		(Rs. in	received	
				Lakhs)	during the	
					year	
Mrs. Jimmi	Ms.	MOES	"Continuous measurement of crystal	Rs.	74.10	Five
Debbarma	Chandrani		deformation using GPS in the Tripura fold	109.69lakhs	lakhs	Years
	Debbarma		belt" founded by Ministry of Earth Science,			
			GOI.Dt-10/02/2016			
Dr Saptarshi	-	ICSSR	Traditional Tribal Weaving for Sustainable	Rs. 8 lakhs	3.20 lakhs	Two
Mitra			Livelihood And Empowerment of Tribal			years
			Community in Tripura: a Geographical			
			Appraisal			
Dr. Nibedita	-	UNDP,	Sedimentation, Impacts, recommendations	Rs. 2 lakhs	-	Two
Das (Pan)		Govt. of	of DRR initiatives and CCA for Khowai			years
		India	River of Tripura			

14. No. of students qualified in various public examinations in the Academic year 2015-16 from the Department:

TI. TIO. OF STUDENT			rious puoi		muuto				- LO 1.						
S	Total			Gen		OBC		SC		ST		PH (0	Out of	Minor	rity
e of ation												Total)			J
Name of Examinations	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	1	1	2	-	_	1	-	-	-	-	1	-	-	-	-
SLET	2	4	6	2	1	-	-	-	1	-	2	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

15. Details of Student's Placement known to the Department:

Name	Sex	Category	Name of the	Designation	Examination Body	Name of the
	M/F	(GEN/ST/	Organization/ Dept.			Examination
		SC/ OBC/				
		MIN) [give				
		asterisk * for				
		PwD]				
Dr. Shreya	F	GEN	ADAMAS University,	Assistant	Selection Committee	Interview
Bandyopadhyay			Barasat, South 24	Professor	of the Concerned	
			Parganas		University	
Dr. Bijaya	F	GEN	Women's College,	Guest	Selection Committee	Interview
Bhattacharya			Agartala M B B College,	Lecturer	of the Concerned	
			Agartala		College	
Ms. Papiya	F	GEN	Iswar Chandra	Guest	Selection Committee	Interview
Acharjee			Vidyasagar College,	Teacher	of the Concerned	
			Belonia, South Tripura		College	
Mr. Piklu Saha	M	GEN	Iswar Chandra	Guest	Selection Committee	Interview
			Vidyasagar College,	Teacher	of the Concerned	
			Belonia, South Tripura		College	

### DEPARTMENT OF HUMAN PHYSIOLOGY

Head of the Department : Prof. Samir Kumar Sil

Year of Establishment : 2007

Programmes on offer : M.Sc. and Ph.D Intake capacity : M.Sc., 25

### Major Achievements/ Vision of the Department:

The department strives for excellence in biomedical research and education to advance human health and welfare. The basic principle that provides the foundation for the study of human physiology is the maintenance of homeostasis through the operation of complex control systems encompassing all levels of the hierarchy of human structure and function (i.e., cells, tissues, organs, and organs systems). Therefore, the course in the curriculum emphasizes an integrated study of humans across this hierarchy of structure and function. Along with teaching, the faculty in the Physiology Department conducts outstanding, cutting-edge research on fundamental functions of cells and tissues. There is also a keen interest in the cellular and molecular basis of diseases and translation of basic science research to develop novel therapeutic approaches.

1. Fulltime Faculty Members :

	culty Members	:		T	1	
Name	Qualification (PG/ MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/ her supervision
Dr. Samir Kumar Sil	M.Sc., NET, Ph.D.	Professor	Basic Biochemical & Biophysical Principles, Metabolic Biochemistry, Bioenergetics, Molecular genetics, Developmental Biology, Cell Biology, Stem cell biology, Cell signalling	Molecular genetics, molecular cell physiology, cancer biology	22 years	8
Dr. Debasish Maiti	M.Sc., Ph.D.	Associate Professor	Cell Biology and Cell Biological Techniques, Blood, Body Fluid and Immunology, Medical Microbiology and Stem Cell Biology, Advances in Immunology and Microbiology	Immunology, Microbiology and Cell Signalling	08 years	4
Dr. Dipayan Choudhuri	M.Sc., Ph.D.	Associate Professor	Bio-membrane Physiology, Transport and Cell-Cell Communication, Basic Biophysical Principles, Cardiovascular and Respiratory Homeostasis, Endocrinology and Reproductive Physiology,	Endocrinology and reproductive physiology	07 years	6
Dr. Sudipta Pal	M.Sc., Ph.D.	Assistant Professor	Enzyme Kinetics, Digestion, Nutrition and Health, Pharmacology & Toxicology, Stress Physiology, Advances in Nutritional Biochemistry	Biochemistry and biochemical Toxicology	07 years	2

### 2. Guest Teachers/Contract Teachers:

Name	Qualification	Courses Taught in 2015-16	Research	No. of	No. of years
	(PG/ MPhil/		area/interest	years of	of research
	Ph.D/			teaching	experience
	NET, SLET etc)			experience	_
Dr. Ayantika Pal	M.Sc. Ph.D	Metabolic biochemistry, Pharmacology,	-	02 years	-

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

3.1. Book Chapters:

All	Title of the Chapter	Book	Name of the Book	Publishers	Year	ISBN	Page
Authors		Editors			(2015-		No.
					16)		
Sarkar SR,	Studies on nutritional status	Sen J,	Nutrition and	BR	2016	978935050	Ch 18,
Sil SK	in rural Tripuri tribal	Mondal	Health Among	Publishing		2976	285-
	adolescent boys of Tripura	N	Tribal Populations	Corporatio			313
	on the basis of Mid-upper		of India:A Bio-	n			
	arm circumference and BMI		cultural Approach				

All Authors	Title	Name of the Journal/Magazin e	Volume	Year (2015- 16)	ISSN/ DOI	Page No.
Bhaumik P, Bhattacharjee P, Sil SK	Hepatitis B and Hepatitis C Virus Co- infection among Human Immunodefi ciency Virus Infected Patients of Tripura	International Journal of Scientific Study	3	2015	2321- 6379	77-80
Roy SS and Sil SK	Prevalence of hypertension among boys (6-18 years) belonging to Tripuri tribal of Tripura	Int J Sci Res	4	2015	2277- 8179	14-16
Roy SS and Sil SK	Body Physique in Bengali adolescent boys from West Tripura District, Tripura, India	Int J Bioassays	4	2015	2278- 778X	3684- 88
Saha S, Sil SK	Prevalence of thinness among rural adolescent Bengali school girls of North Tripura	Int J Sci Appl Res	2	2015	2394- 5869	56-58
Ray Choudhury P, Basak S, Sil SK	Host based specialization in Aphis gossypii glover, evidenced from DNA barcode studies from Tripura, North-East India	J Appl Biosci	41	2015.	1997 –	12-18
Sarkar SR, Sil SK	Nutritional status of the rural Bengali adolescent boys of Tripura	Indian Journal of Pediatrics	10.1007	2015	0973- 7693	s12098 -015- 1856-6
Mullick JB, Majumdar T, Ray J, Sil SK	Changing Trends of Candida Isolates and their Antifungal Susceptibility Pattern in Vulvovaginal Candidiasis Cases of Tripura, North East India	Journal of Evolution of Medical and Dental Sciences	4	2015	1178- 4802	15918- 22
Debnath M, Roy chaudhuri P, Sil S K	Studies on ns5 18s rDNA based molecular phylogenetic analysis and antibacterial properties of Eutyphoeus gammiei, an earthworm species endemic to north East India	World journal of pharmacy and pharmaceutical sciences	5	2016	2278- 4357	1357- 1364
Choudhuri S, Aithal M, Choudhuri D	Screening for Cardio metabolic Risk Profile in Middle Aged Premenopausal Indian Women	JCDR	6	2015	0975- 3583	91-96
Choudhuri S, Aithal M, Choudhuri D	Anthropometric and Atherogenic Risk of Cardio metabolic Disorders in Women	Int J Collab Res Intern Med Public Health	7	2015	1840 - 4529	164- 171
Choudhuri D, Sutradhar B	Qualitative Phenotypic Trait of Cardiovascular Disease Risk	Indian J Pediatr	83	2016	0019- 5456	904-5
Choudhuri D, Bhattacharjee S, Bhattacharjee T	Hepatotoxic and Nephrotoxic Effect of Chronic Low Dose Exposure to a Mixture of Heavy Metals-Lead, Cadmium and Arsenic	IJPCBS	6	2016	2249- 9504	39-47
Manna K, Singh W S, Das L, Reang M, Das M and Maiti D	Microwave Assisted Biogenic Synthesis of Metal Nanoparticles Using Plant Extract: characterization and Antimicrobial Activity	Current Biotechnology	1	2016	2213- 5294	87-94
Bhattacharjee B, Singha AK. And Maiti D	Phagocytic Activity of Neutrophil is Induced by Granulocyte Colony Stimulating Factor and Interleukin-15 in Leukemic Animal Model	Journal of Cellular Immunotherapy	2	2016	2352- 1775]	52-57
Debnath B, Uddin MJ, Patari P, Das M, Maiti D and Manna K	Estimation of alkaloids and phenolics of five edible cucurbitaceous plants and their antibacterial activity	Journal of Pharmacy and Pharmaceutical Sciences	7	2015	0975- 1491	223- 227

Sarkar C, Pal S	Effects of sub-acute fluoride exposure on	International	6	2015	2455-	647-
	discrete regions of rat brain associated with	Journal of			0566	660
	thyroid dysfunction: a comparative study	Biomedical				
		Research				
Uddin, M.J., Nag,	Anthropometric assessment of nutritional	Anthropologist	19	2015	0972-	277-
S.K. and Sil, S.K	status of adolescents in rural school of				0073	284
	Unakoti District of Tripura, North-East India					
Uddin, M.J., Nag,	Socio-economic Status, Head Circumference	International	3	2015	2278-	784-
S.K. and Sil, S.K	and Intellectual Ability among Rural	Scholarly			8808	798
	Adolescents of Unakoti District of Tripura,	Research Journal				
	North-East India	for				
		Interdisciplinary				
		Studies				
Debnath, B.,	Nanoparticle (NP) as a Targeting Drug	PharmaTutor	3	2015	2347-	30-37
Uddin MJ and	Delivery System to Blood-Brain Barrier				7881	
Maiti, D.	(BBB): A Review					

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

	Institutions/Agencies other than Tripu			
Name	Conference/Seminar/Workshops Attended	Date	Organized by	Title of the paper presented
Prof. Samir Kumar Sil	103 <sup>rd</sup> Indian Science Congress	3-7 <sup>th</sup> January 2016	Mysore University, Mysore	Participated as Recorder
Dr. Sudipta Pal	UGC-sponsored two days National Seminar on "Nutritional Deprivation in the Midst of Plenty"-An Attempt to Create Awareness	22 <sup>nd</sup> -23 <sup>rd</sup> September, 2015	Deptt. of Food and Nutrition, Raidighi College, West Bengal	Speaker, Chairperson and paper presenter: Title: Role of certain nutraceuticals in protection against arsenic toxicity
Dr. Sudipta Pal	103 <sup>rd</sup> Indian Science Congress	3 <sup>rd</sup> -7 <sup>th</sup> Jan, 2016	University of Mysore, Mysuru	Protective effect of resveratrol on fluoride induced oxidative stress in rat brain
Dr. Debasish Maiti	103 <sup>rd</sup> Indian Science Congress	3-7 <sup>th</sup> January 2016	Mysore University, Mysore	Macrophage activity was modulated by IL-3 plus GM-CSF treatment to ENU induced leukemia in BALB/c mice
Debasish	National Seminar on recent	28-29 <sup>th</sup>	Netaji Subhas	Cytotoxicity studies of
Maiti	advances in natural products	November	Mahavidyalaya	friedelin compound
	chemistry for drug discovery	2015		isolated from Pouzolzia indica Gaud.(Urticaceae)
Dr. Dipayan Choudhuri	103 <sup>rd</sup> Indian Science Congress	3-7 <sup>th</sup> January 2016	Mysore University, Mysore	Cardio metabolic Risk Profile of Women from Tripura
Ms. Purnajita Sen	Statistical and Computing methods for Life Science data Analysis".	14th March to 19th March, 2016	Indian Statistical Institute, Kolkata; Dept. Human Physiology, TU & Dept. Information Technology, TU.	Participated
Mr. Sandeep Das	Workshop sponsored by the Department of Biotechnology, Govt. of India	6 <sup>th</sup> -13 <sup>th</sup> March, 2016	State Biotech Hub; Tripura University.	Participated
Mr. Madhusudan Debnath	Studies on NS5 18S RDNA based molecular phylogenetic analysis and antibacterial properties of Eutyphoeus gammiei an earthworm species endemic to northeast India	28 <sup>th</sup> -29 <sup>th</sup> October, 2015	The Department Botany, North-Eastern Hill University, Shillong, Meghalaya andInstitute of Bioresources & Sustainable (IBSD), Imphal, Manipur.	Presented

5. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Dr. Debasish	Institutional biotech Hub,	29 <sup>th</sup> August	Woman's	Protein separation and western
Maiti	Agartala	2015	College, Agartala	blotting
Dr. Sudipta Pal	UGC-sponsored two days	22 <sup>nd</sup> -23 <sup>rd</sup>	Deptt. of Food	Speaker, Chairperson and paper
	National Seminar on	September,	and Nutrition,	presenter : Title: Role of certain
	"Nutritional Deprivation in the	2015	Raidighi College,	nutraceuticals in protection against
	Midst of Plenty"-An Attempt		West Bengal	arsenic toxicity
	to Create Awareness			

6. Patents Applied for/ Received:

Name	Title of Patent Applied for/ Received	Patent No.	Year	Licensed or
			(2015-16)	Not
S. K. Shil	Anti Cancer, healing and antibacterial activity of Parkia	201631013452	18/04/2016	Applied for
	Javanica			

7. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research Topic	Name of Guide	Registered/Theses
			submitted/Awarded
Prabir Kumar Saha	Studies on Assessment of Cardiovascular Risk in	Dr. Dipayan	Registered
	Hypothyroid Subjects	Choudhuri	
Nabamita Nath	Studies on correlates of Metabolic Syndrome Among Young	Dr. Dipayan	Registered
	Adults from Tripura	Choudhuri	
Sutapa Datta	Nutritional Status and Bone Health in Young Adult college	Dr. Dipayan	Thesis submitted
_	students of Tripura from Different Ethnic Backgrounds	Choudhuri	
Sri Bhaskar	Immunological study on NK cell and neutrophil in leukemic	Dr. Debasish	Thesis submitted
Bhattacharjee	animal model.	Maiti	
Sri Ashish Kr.	Studies on immunological response of macrophages and	Dr. Debasish	Thesis submitted
Singha	lymphocytes in experimental leukemia model	Maiti	
Chaitali Sarkar	Certain aspects of fluoride toxicity on brain protein and	Dr. Sudipta Pal	Awarded
	nucleic acid metabolism in relation to thyroid function		
Surajit	Mechanism of Arsenic -induced Oxidative Stress in Cardiac	Dr. Sudipta Pal	Thesis submitted
Bhattacharya	Tissue: Role of Certain Antioxidants	_	
Pritha Das	Studies on metabolic homeostasis in mice following sub-	Dr. Sudipta Pal	Registered
	acute lead toxicity	_	
Kanu Shil	Alterations in carbohydrate, protein and fat metabolism in	Dr. Sudipta Pal	Registered
	liver, kidney, muscle and brain following sub-acute	_	
	chromium exposure		
Pradip Bhowmik	-	Prof. S. K. Sil	Thesis submitted

# 8. Outreach Footprint of the Department:

8. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of
No.				Participants
1.	14 <sup>th</sup> -19 <sup>th</sup> March,	6 days	Statistical and Computing methods for Life Science data Analysis	32
	2016			
2.	7 <sup>th</sup> -13 <sup>th</sup> March 2016	8 days	Hands on training on "Advance molecular techniques in	13
			biological research"	
3.	20-22 <sup>nd</sup> January	3 days	Seminar cum Workshop on "Recent Trends in Biotechnological	33
	2016		Research"	
4.	11 <sup>th</sup> March, 2016	1 day	Leismania macrophage interaction: Changing perspective during	30
			last 25 years	
5.	9 <sup>th</sup> May, 2016	1 day	Neurophysiology of Sleep	40

8. B. Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. Samir Kumar Sil	American Physiological Society (APS)	Life member
Prof. Samir Kumar Sil	Physiological Society of India	Life member
Prof. Samir Kumar Sil	Indian Society of Human Genetics	Life member
Prof. Samir Kumar Sil	Indian Science Congress	Life member

Dr. Debasish Maiti	American Physiological Society	Regular yearly member
Dr. Debasish Maiti	Physiological Society of India	Life member
Dr. Debasish Maiti	Indian Immunology Society	Life member
Dr. Debasish Maiti	Society for Biotechnologists (India)	Life member
Dr. Debasish Maiti	Indian Science Congress Association	Life member
Dr. Debasish Maiti	Indian Societies of Cell Biology	Life member
Dr. Sudipta Pal	Indian Science Congress Association	Life member
Dr. Sudipta Pal	Physiological Society of India	Life member
Dr. Dipayan Choudhuri	Physiological Society of India	Life member
Dr. Dipayan Choudhuri	Indian Science Congress Association	Life member
Dr. Dipayan Choudhuri	Society for Biological Scientists of India	Life member

# 9. Major thrust area of research:

- a) Cancer biology and cell signaling; Wound healing physiology- (Prof. S.K. Sil)
- b) Reproductive toxicology of heavy metals; Cardio metabolic risk profile in postmenopausal women; Pulmonary function with reference to Indigenous population- (Dr. D. Choudhuri)
- c) Pathogenesis of cancer and immunotherapeutic approach for leukemia and other cancer; Medicinal properties of natural plant product based on Tripura (Dr. Debasish Maiti)
- d) Metal and heavy metal toxicity in mammalian system and metabolic disorders; nutritional supplementation; Oxidative stress physiologyPhytochemicals and natural products for prevention of oxidative stress mediated tissue damage-(Dr. Sudipta Pal)

10. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
03	02	01

# 10. B. Major Instruments available in the Department:

- 1. Centrifuge (Cold)
- 2. Spectrophotometer (Spectroquant Pharo-300)
- 3. Cooling Centrifuge.
- 4. Millipore water system
- 5. Water Bath Shaker.
- 6. Blood Analyzer.
- 7. Centrifuge Machine with minispin.
- 8. Treadmill
- 9. Real Time PCR
- 10. Histology Facility
- 11. E.C.G. machine
- 12. Biosafety cabinet
- 13. Tissue culture facility

### 11. On-going Research Projects in 2015-16:

Principal	Co-	Funding	Title of the project	Total	Grant	Tenure
Investigator	investigator	Agency		Grant (Rs.	received	
				In Lakhs)	during	
					the year	
Prof. Samir	-	DBT	Molecular epidemiology of HPV and	1.07	-	May
Kumar Sil		New	cervical cancer in Tripura: genetic	Crore		2012-
		Delhi	variations and influencing HPV			2015
			persistence and disease development			
Prof. Samir	-	DBT	Molecular and cellular studies on normal	63.36	-	2014-
Kumar Sil		New	and diabetic wound healing activities of	lakhs		2017
		Delhi	Parkia javanica, a medicinal plants of			
			Tripura, north east India			
Dr. Dipayan	-	ICMR,	Role of calcium Sensing Receptor on	19.40	16.40	2 Years
Choudhuri		Delhi	Adipocytes in Rats Fed With Low or High	lakhs	lakhs	
			Calcium Diet			
Dr. Debasish	-	DBT,	Establishment of State Biotech Hubs	304 lakhs	31.35	Dec.,
Maiti.		Govt. of	(SBThubs) by DBT under special	+ 69.18	lakhs	2016
(Coordinator)		India	programme for North Eastern States of	lakhs		
			India			
İ						

Dr. Debasish	Prof.	DBT,	Studies on anticancer activities of extracts	42.25	5.26	March
Maiti.	Durgadas	Govt. of	(Bromelain and peroxidase of different	lakhs	lakhs	2017
	Ghosh	India	pineapple (Ananus comosus) cultivars of			
			Tripura			
Dr. Debasish	-	ICMR,	Role of macrophages in experimentally	9.9 Lakhs	5.76	Feb.,
Maiti.		Govt. of	induced leukemia		lakhs	2017
		India				

12. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

e e	Total		Gen		OBC		SC	2010	ST		PH (Out of		Minority		
Name of Examinations												Total)	)		
Naı	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	2	1	3	2	1	-	-	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

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### DEPARTMENT OF INFORMATION TECHNOLOGY

Head of the Department : Mr. Shibendu Debbarma

Year of Establishment : 2002

Programmes on offer : M.C.A. & B.C.A.

Intake capacity : M.C.A (30) & B.C.A. (30)

### Major Achievements/ Vision of the Department:

The Department of Information Technology at the Tripura University has been started with the objective of promoting research and development, industrial consultancy, and teaching in the frontier areas of Information Technology. The Department offers a unique combination of courses and project that helps the students to cope with the recent advancements in the computer industry and information technology. The Department currently offers Doctor in Philosophy (Ph.D), Masters in Computer Application (MCA) programmes and Bachelors in Computer Application (BCA). The department is equipped with laboratories such as Programming Lab, System Lab, Software Lab, Network Lab, Microprocessor lab, Electronics Lab, Communication and Multimedia Lab.

1. Fulltime Faculty Members:

	uity Members:					
Name	Qualification	Designation	Courses Taught In 2015- 2016	Research Area	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Shibendu Debbarma	B.Tech, M.Tech, PhD (Pursuing)	Assistant Professor	Computer Networks Operating System Design analysis algorithm	Computer Networks, Internet Technology, IoT	12	-
Dr. Abhishek Das	B.Tech, M.S. (USA), Ph.D (JU)	Assistant Professor	Image Processing	Image Processing Computer Vision	10	-
Alak Roy	B.Tech, M.Tech, PhD (Pursuing)	Assistant Professor	Computer Organization Data Communication and Computer Networks	Wireless Sensor Networks	6	-
Jayanta Pal	B.Tech, M.Tech, PhD (Pursuing)	Assistant Professor	Compiler Design, DBMS, C++, Multimedia & Web Technology, ICT Workshop, Basic Computer Skill - I	Quantum dot Cellular Automata	3 yr 5 months	-

#### 2. Guest Teachers/Contract Teachers:

	cachers/ Contrac			
Name	Qualification	Courses Taught In 2015-2016	Research Area	No. of years of teaching experience
Swarup	B.Tech,	Fundamentals of computers, Data Communication	Data Communication and	10
Nandi	M.Tech	and Computer network, Basic Electronics,	Computer Networks, Digital	
		Microprocerros-8085/8086, Webpage design	Electronics and	
			Microprocessors	
Sumanta	MCA,	Automata, Discrete Mathematics, Programming in	-	08
Saha	M.Tech	C, Numerical Analysis, Operation Research, Data		
		Structure		
Bhaskar	B.Tech,	Soft computing, JAVA	Linear Cryptanalysis	6 months
Biswas	M.Tech	ASP.net		
Tandra	MCA,	VB.Net	-	6 months
Sarkar	M.Tech			

### 3. Details Of Publications Reported In Web Of Science, Scopus, Google Scholar, Indian Citation Index Only:

3.1. Book Chapters:

All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN	Page
						No.	No.
Abhishek Das	Image Processing	Mitsuo Gen	Industrial	Springer	2015	978366	-
	Algorithms in	K.J.Kim	Engineering,			2472002	
	detection of	X. Huang	Management Science				
	Cervical Cancer	Yabe Hiroshi	and Application				

3.2. Publications in peer reviewed Journals Published Outside India (International):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/	Page
		Magazine			DOI	No.
Abhishek Das	A Novel Analysis of Clinical Data and	Springer Lecture Notes	349	2015	-	1091-
	Image Processing Algorithms in	in Electrical				1098
	Detection of Cervical Cancer	Engineering				
Abhishek Das	A Novel Illumination Correction and	Proc. of International	-	2015	-	-
	Intensity Normalization Method on	Conference ICoCoE,				
	Cervigrams in the Early Detection of	Thailand				
	Uterine Cervical Cancer					

3.3. Publications in peer reviewed Journals Published in India (National):

All Authors in	Title	Name of the Journal/	Volume	Year	ISSN/	Page
sequence*		Magazine		(15-16)	DOI	No.
Abhishek Das	Clinical significance of automatic	Indian Medical	109(2)	2015	-	56-60
	segmentation algorithms in detection of	Journal (Index				
	cervical cancer	Medicus PubMed)				

<sup>\*</sup> One paper one entry

3.4. Full Paper Published In The Proceedings In The Conference/Seminer/Symposium:

All Authors	Title	Name of the Journal/	Volume	Year (15-	ISBN/ DOI	Page
		Magazine		16)		No.
Abhishek Das	Clinical significance of automatic segmentation	Indian Medical Journal (Index Medicus	109(2)	2015	-	56-
	algorithms in detection of cervical cancer	PubMed)				60
Alak Roy, Nityananda Sarma	Selection of Communication Carrier for Underwater Wireless Sensor Networks	2015 International Symposium on Advanced Computing and Communication (ISACC)	-	2015	10.1109/ISACC. 2015.7377365	334- 340
Alak Roy, Jayasree Chakraborty	Communication Based Accident Avoidance and Congestion Control Mechanism in VANETs	2015 International Symposium on Advanced Computing and Communication (ISACC)	-	2015	10.1109/ISACC. 2015.7377363	320- 327

# 4. Details of Publications Not Reported In Category 3:

4.1. Papers in peer reviewed journals published outside India:

All Authors	Title	Name of the Journal/	Volume	Year (15-	ISSN/	Page
		Magazine		16)	DOI.	No.
Abhishek Das	A Novel Analysis of Clinical Data and	Springer Lecture	349	2015	1091-	-
	Image Processing Algorithms in	Notes in Electrical			1098	
	Detection of Cervical Cancer	Engineering				
Abhishek Das	A Novel Illumination Correction and	Proc. of International	-	2015	-	-
	Intensity Normalization Method on	Conference ICoCoE,				
	Cervigrams in the Early Detection of	Thailand				
	Uterine Cervical Cancer					

# 4.2. Papers in peer reviewed Journals published in India:

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (15-16)	ISSN/ DOI.	Page No.
Abhishek Das	Clinical significance of automatic segmentation algorithms in detection of cervical cancer	Indian Medical Journal (Index Medicus PubMed)	109(2)	2015	-	56-60

4.3. Full paper published in the proceedings in the Conference/Seminer/Symposium:

4.5. I un paper pu	ionsiled in the proceedings in the	c Conterence, Seminer, Sympe	mail.			
All Authors	Title	Name of the Journal/	Volume	Year	ISBN/DOI	Page
		Magazine		(15-16)		No.
Alak Roy,	Selection of	2015 International	-	2015	10.1109/ISACC.	334-
Nityananda	Communication Carrier for	Symposium on Advanced			2015.7377365	340
Sarma	Underwater Wireless	Computing and				
	Sensor Networks	Communication (ISACC)				
Alak Roy,	Communication Based	2015 International	-	2015	10.1109/ISACC.	320-
Jayasree	Accident Avoidance and	Symposium on Advanced			2015.7377363	327
Chakraborty	Congestion Control	Computing and				
	Mechanism in VANETs	Communication (ISACC)				

Conference/seminer/workshop/summer-winter schools attended by teachers/students/research scholars of the dept. organized by institutes/agencies other than Tripura university without publications of full paper: (maximum 4 person)

			ications of full paper: (maximum 4 person)	1
Name	Conference/Seminar/ Workshop	Date	Organized by	Title of the
	attended			paper
				presented
Shibendu	Two days Workshop on Virtual	January 13 -	Indian Institute of Technology, Guwahati	Participated
Debbarma	Laboratory	14, 2016	&, Tripura University	
	One day Workshop on "ICT Based	October 1,	ICFAI University, Tripura and CDAC	Participated
	Language Translation	2015		
	Statistical and Computing methods	14th March	ISI Kolkata and Department of Human	Organized
	for Life Science data Analysis	to 19th	Physiology and Department of Information	
		March, 2016	Technology, Tripura University	
	Photonics, Electronics,	February 29	Institute of Radio Physics & Electronics,	Program
	Nanotechnology, Integrated Circuits	– March 4,	Calcutta University and Department of	Committee
	And Systems (Phoenics-2016)	2016	Electrical Engineering, Tripura University	
Swarup	Three days National Workshop on	January 29 -	Department of Mathematics, NIT, Agartala	Participated
Nandi	Recent Advancement in Soft	31, 2016		
	Computing Techniques			
	Two days Workshop on Virtual	January 13 -	Indian Institute of Technology, Guwahati	Participated
	Laboratory	14, 2016	&, Tripura University	
	One day Workshop on "ICT Based	October 1,	ICFAI University, Tripura and CDAC	Participated
	Language Translation	2015		
	Statistical and Computing methods	14th March	ISI Kolkata and Department of Human	Organized
	for Life Science data Analysis	to 19th	Physiology and Department of Information	
		March, 2016	Technology, Tripura University	
Jayanta Pal	Three days National Workshop on	January 29 -	Department of Mathematics, NIT, Agartala	Participated
	Recent Advancement in Soft	31, 2016		
	Computing Techniques			
	Two days Workshop on Virtual	January 13 -	Indian Institute of Technology, Guwahati	Participated
	Laboratory	14, 2016	&, Tripura University	
	One day Workshop on "ICT Based	October 1,	ICFAI University, Tripura and CDAC	Participated
	Language Translation	2015		_
	Photonics, Electronics,	February 29 -	Institute of Radio Physics & Electronics,	Program
	Nanotechnology, Integrated Circuits	March 4,	Calcutta University and Department of	Committee
<b>G</b>	And Systems (Phoenics-2016)	2016	Electrical Engineering, Tripura University	D
Sumanta	Three days National Workshop on	January 29 -	Department of Mathematics, NIT,	Participated
Saha	Recent Advancement in Soft	31, 2016	Agartala	
	Computing Techniques			
	Two days Workshop on Virtual	January 13 -	Indian Institute of Technology,	Participated
	Laboratory	14, 2016	Guwahati &, Tripura University	
	One day Workshop on "ICT Based	October 1,	ICFAI University, Tripura and CDAC	Participated
	Language Translation	2015		
	QMS-QTT	October 27,	Women's Polytechnic, Hapania,	Participated
		2015 to	Agartala	
		November		
		7, 2015		

6. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research Topic	Name of Guide	Registered/Theses submitted/
			Awarded
Tamojay Deb	-	Prof. Anjan Mukherjee	Registered
Sajal Kanta Das	-	Prof. Anjan Mukherjee	Registered

# 7. Outreach footprint of the department:

7. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Duration	Title	No. of
				participants
01	14th March to 19th March, 2016	7 days	Statistical and Computing methods for Life	30
			Science data Analysis	
02	18 <sup>th</sup> November, 2015	7 days	Statistical Data Analysis Methods	30

7. B. Orientation/refresher/faculty development courses attended by faculty member:

Name	Course attended	Location	Duration	Date
Swarup	Special Winter School (Equivalent to	North-Eastern Hill	21 days	October 26 –
Nandi	one Refresher course/Orientation	University(NEHU)		November 15, 2015
	Programme for career advancement	-		
	purpose vide UGC letter No.F.24-			
	1/2012(ASC) dated 1st January, 2013)			

# 8. Major thrust area of research:

- Image Processing, Computer Vision, Software Engineering.
- Data Communication and Computer Networks,
- IPv6, Internet of Things
- Wireless Sensor Networks
- Quantum dot Cellular Automata
- Microprocessors

#### 9. New initiatives/innovations:

- 1. Taken Initiative to implement Biometric finger print attendance system.
- 2. Taken Initiative to maintain Management Information System (MIS).
- 3. Developed Fingerprint sensor in Android.

10. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
06	05	01

# 10. B. Major Instruments available in the Department: Linux Workstation & Windows Workstation

11. On-going Research Projects in 2015-16

11. On going it	escuren i rojects	III 2013 10				
Principal	Co-	Funding Agency	Title of the project	Total Grant	Grant	Tenure
Investigator	Investigator			(Rs. in Lakhs)	received	
					during the	
					year	
					(Rs. in Lakhs)	
Dr.	-	UGC Major	Algorithms to automate	10.55	6.30	3 years
Abhishek		Research Project	detection and classification			
Das			of Cervical lesions using			
			Digital Colposcope			

# 12. Any other achievements:

- Since establishment the department has successfully completed 15 no. of batch of BCA and 14 no. of batch of MCA
- One of the faculty member has receives a project from UGC.

#### DEPARTMENT OF MATHEMATICS

Head of the Department : Dr. Sharmistha Bhattacharya Halder

Year of Establishment : 1976
Programmes on offer : M.Sc., Ph.D.
Intake capacity : M.Sc. 50

#### Major Achievements/ Vision of the Department:

The Department organized, jointly with FRSA,Tripura, a one day National Conference on "Rough Set, Fuzzy Set and Their Applications 2016" held on May 06, 2016. In this conference, 3 lectures were delivered and 19 papers were presented. In the year under consideration, 1 (one) student qualified the NET and 2 (two) students qualified the SET examination. The Faculty members attended International Conferences organised outside the country. The faculty members published books, published by Springer and IGIO Google. Professor N. Subramanian of SASTRA University, Tamil Nadu, visited the department availing INSA visiting Fellowship for a period of 2 (two) months. Professor B.C. Tripathy has H-index 30 according to the SCOPUS database. The faculties and students of the department are actively engaged to popularize Mathematics through the Tripura Mathematical Society, by organizing different programmes.

#### Vision:

- 1) To be a premier learning and research center for Mathematics in the country.
- 2) To motivate the students for appearing different national level tests conducted by different boards/ commissions/ institutions and to increase the number of NET/SLET qualified students from the department.
- 3) To prepare a syllabus of high standard time to time on thrust and emerging areas in Mathematics for attracting bright students to pursue courses offered by the department.
- 4) To built the infrastructure conducive for high standard research on thrust areas of research in mathematics and its applications by bringing many individual as well as departmental projects such as SAP, FIST etc.

#### 1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLETetc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Prof. Anjan Mukherjee	Ph.D.	Professor, Pro.V.C	Topology, Fuzzy Topology, Real Analysis, Fuzzy Set Theory, Pre Ph.D course	Topology, Fuzzy Topology, Rough set theory, Soft set theory.	28 years	08
Prof. Binod Chandra Tripathy	NET, Ph.D.	Professor	Functional Analysis, Discrete Mathematics	Topology, Fuzzy Topology, Sequence Spaces, Summability Theory, Soft Set Theory, Multi Set Theory	25 years	02(Registered under Gauhati University)
Dr Sharmistha Bhattacharya Halder	NET, Ph.D.	Associate Professor	Numerical Method, Ordinary Differential Equation, Integral Equation, Operation Research, Rough Set	Image Processing, Data Mining, Rough set attribute reduction, soft set, Decision making	Teaching 14.5 years	05+02(Cosup ervisor)
Dr. Subrata Bhowmik	NET, NE- SLET, WB- SLET, Ph.D.	Assistant Professor	Real Analysis, Complex Analysis, Topology	Topology and Application, Logic	Teaching:10.5 Research: 4(Excluding Ph.D. Period)	02
Dr. Shyamal Debnath	CSIR- JRF(NET) Ph.D	Assistant Professor	Abstract Algebra, Functional Analysis, Differential Equation	Sequence Space, Fuzzy Set	Teaching: 12.5	03
Dr. Shouvik Bhattacharya	Ph.D.	Assistant Professor	Abstract Algebra, Linear Algebra, C Programming	Fuzzy logic, fuzzy queuing control	Teaching: 8.17	NIL

2. Guest Teachers/Contract Teachers:

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLETetc)	Courses Taught in 2015-16	Research area/ interest	No. of years of teaching experience	No. of years of research experience
Ms. Kalyani Debnath	NET, SLET	Functional Analysis	Rough set Attribute reduction	-	-
Dr. Md. Atikul Islam	SLET	Mat Lab, 2D & 3D, Geomatry	Image Processing	-	-
Ms. Piyali Debnath	SLET	Machanics, Differential Calculus	Soft set	-	-

3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura	Institution affiliated with now/previously
	University	(if retired)
Professor N. Subramanian	INSA visiting scientist fellow only for	SASTRA University, Tamil Nadu
	collaborative research work	

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

4.1. Book Chapters:

All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year (2015-16)	ISBN	Page No.
Anjan Mukherjee, AjoyKanti Das	Relations On Intuitionistic Fuzzy Soft Multi sets	Springer- Verleg Berlin Heidelberg	Information Science and Applications, Lecture notes on Electrical Engg. 339	Springer	2015	10-1007/978-3- 662-46578- 3_71,Springer- Verleg Berlin Heidelberg	607- 614

4.2. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015- 16)	ISSN/ DOI	Page No.
Anjan Mukherjee, Ajoy Kanti Das	A novel approach to weighted interval-valued intuitionistic fuzzy soft multi-sets based decision making	Int. J. Open Problems Compt. Math	8	2015	1998-6262	12- 28.
Anjan Mukherjee , Ajoy Kanti Das	On intuitionistic fuzzy soft multi relations	International journal of computer science and network solutions	3	2015	2345-3397	10- 17.
Anjan Mukherjee, Abhijit Saha, Ajoy Kanti Das	Measurable Soft Sets	Int. J. Open Problems Compt. Math.	8	2015	1998-6262	12- 25.
Anjan Mukherjee, Ajoy Kanti Das	Results on intuitioistic fuzzy soft multisets and its application in information system	Journal of New Theory	10	2016	2149-1402	66- 75.
Anjan Mukherjee, Mithun Datta, Abhijit Saha	Refined Soft sets and its Applications	Journal of New Theory	14	2016	2149-1402	10- 25.
Anjan Mukherjee, Mithun Datta, Sadhan Sarkar	Restricted Interval Valued Neutrosophic Sets and Restricted Interval Valued Neutrosophic Topological Spaces	Neutrosophic Sets and Systems	12	2016	2331-6055	45- 53.
Binod Chandra Tripathy, Amar Jyoti Dutta	On the class of $p$ -absolutely summable sequence $\ell^1(p)$ of interval numbers	Songklanakarin Journal of Science and Technology	38	2016	0125- 3395(print) 2408-1779 (online)	93-96

Rituparna Das; Binod Chandra Tripathy	Spectrum and fine spectrum of the lower triangular matrix $B(r,s,t)$ over the sequence space $cs$	Songklanakarin Journal of Science and Technology	38	2016	0125- 3395(print) 2408- 1779(online)	265- 273
Sharmistha Bhattacharya Halder and Amarjit Chanda	Clustering using similarity measure	Annals of Fuzzy Mathematics and Informatics	Vol 11	2016	2093- 9310(Print version), 2287- 6235(electronic version	pp 97- 107
Sharmistha Bhattacharya Halder and PiyaliDebnath	A study on IF soft* lower rough approximation and IF soft* upper rough approximation	Annals of Fuzzy Mathematics and Informatics	Vol 11	2016	2093- 9310(Print version), 2287- 6235(electronic version	475- 483
Sharmistha Bhattacharya Halder and Piyali Debnath	On IF Soft Oscillating Relation	The Journal of Fuzzy Mathematics Vol. 23, No. 4, 2015 Los Angeles, 757-766	Vol. 23	2015	1066-8950	757- 766
Sharmistha Bhattacharya Halder and Amarjit Chanda	A study on Intuitionistic Fuzzy Clustering	The Journal of Fuzzy Mathematics	Vol 23	2015	1066-8950	537- 547
Subrata Bhowmik	Concept Analysis with Interior and Closure Operators	The Journal of Fuzzy Mathematics	23	2015	10668950	89-97
Prasenjit Bal, Subrata Bhowmik	A New Operator in Fuzzy Topological Spaces, Fuzzy Starcompact Sapces and Fuzzy Star-lindelof Spaces	The Journal of Fuzzy Mathematics	24	2016	10668950	403- 412
Shyamal Debnath, B.C. Das, J. Debnath, D. Bhattacharya	Regular Matrix Transformation on Triple Sequence Spaces	Boletim da Sociedade Paranaense de Matemática	34	2016	0037-8712	1-12
Shyamal Debnath, Subrata Saha	Matrix Transformation on Statistically Convergent Sequence Spaces of Interval Number Sequences	Proyecciones Journal of Mathematics	35	2016	0716-0917	187- 195
Shyamal Debnath, J. Debnath, D. Bhattacharya	On rough <i>I</i> - convergent sequence spaces of fuzzy numbers defined by sequences of Orlicz functions and matrix transformation	New Trends in Mathematical Sciences	4	2016	2147-5520	184- 192

4.3. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/DOI	Page
		Magazine		(2015-		No.
				16)		
Anjan Mukherjee,	Theory of dense sets in	Bull. Of Kerala	12	2015	09732721	87-
Ajoy Kanti Das	intuitionistic fuzzy soft	Mathematic				95.
	topological spaces	Association				
Anjan Mukherjee,	Topological structure	Journal of the Indian	83	2016	0019-5839	135-
Ajoy Kanti Das	formed by intuitionistic	Math. Soc.				144.
	fuzzy rough relations					
Subrata Bhowmik	On ωβ-Continuous	Bull. Kerala Math.	12	2015	09732721	161-
	functions in Bitopological	Association				166
	spaces					
Prasenjit Bal, Subrata	Star-Separation Axioms	Bull. Kerala Math.	13	2016	09732721	5-14
Bhowmik	_	Association				
Subrata Bhowmik	Nearness-appartness and	Bull. Kerala Math.	13	2016	09732721	97-
	IC-Topological Spaces	Association				112

S. Debnath, J. Debnath, D.	On Some Sequence Spaces of IFNs	Bull. Kerala Math. Association	12	2015	09732721	125- 133
Bhattacharya	01 11 1 10	1155001461011				100
S. Debnath, J.	On Some Classes of	J. Indian Academy of	37	2015	09705120	295-
Debnath, D.	Sequences of Intuitionistic	Mathematics				304
Bhattacharya	Fuzzy Numbers with					
	respect to Ideals					

4.4. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

All Authors	Title	Name of the Journal/	Volume	Year	ISBN/	Page
		Magazine		(2015- 16)	DOI	No.
Anjan Mukherjee, AjoyKanti Das	Application of interval valued intuitionistic fuzzy soft sets in investment decision making	Fifth international conference on advances in computing and communication, IEEE	-	2015	-	61- 64.
Anjan Mukherjee, AjoyKanti Das	Operation on intuitionistic fuzzy soft multi sets	Proceedings of ICFM(2015)	-	2015	-	4-7.
Anjan Mukherjee, AjoyKanti Das	Interval valued intuitionistic fuzzy soft multi set theoretic approach to decision making problems.	IEEE international conference on computer, communication and control, MGI, Indore, Sept.10-12, (2015)	IC4- 2015	2015	-	5 pages
Sharmistha Bhattacharya Halder and Srijita Barman Roy and SumantaSaha	Application of Fuzzy Oscillation in the Field of Face Recognition	©2015 IEEE http://isacc.in/REG/uploads/d ocs/74_Srijita%20Barman%2 0Roy.pdf	-	-	-	-
Sharmistha Bhattacharya Halder and Susmita Roy	Application of Fuzzy Rough Oscillation on the Field of Data Mining (Special Attention to the crime against women at Tripura)	International Conference on Advanced Computing Technologies and Applications(ICACTA- 2015), Procedia computer Science, Elsevier	45	2015	-	790- 799

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Prof. Anjan Mukherjee	10th ISAAC 2015	August 3rd-8th, 2015	University of Macau	Given an invited talk at the 10th International Society for Analysis, its Applications and Computation (10th ISAAC 2015). The conference held during the period of August 3rd-8th, 2015, at the University of Macau
Dr. Subrata Bhowmik	Seminar on Logic and Applications	6-8, Nov., 2015	CLC, Jadavpur University	Does there exits aspaces?
Dr. Shyamal Debnath	10 <sup>th</sup> ISAAC conference	3-8 August, 2015	University of Macau, China	Rough convergence in metric spaces
Dr. Shyamal Debnath	ICRTMSA-2016	9-11 Feb, 2016	Burdwan University West Bengal	On fuzzy rough convergence

6. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/ Theses
			submitted/ Awarded
Abhijit Saha	Intuitionistic fuzzy soft sets, rough soft set	Prof. Anjan Mukherjee	Awarded 2015
	relations and their applications.		
Ajoy Kanti Das	"Intuitionistic fuzzy rough relations and its	Prof. Anjan Mukherjee	Submitted
	generalization, topological structures formed by		
	soft multisets and interval valued intuitionistic		
	fuzzy soft sets"		

Mithun Datta	Study of some hybrid models to solve some real life problems	Prof. Anjan Mukherjee	Submitted
Sadhan Sarkar	Similarity measure of generalized fuzzy soft sets and their applications	Prof. Anjan Mukherjee	Registered
Sumanta Saha	A Study on hybridized ICA, PCA, Rough Set Model and its application in the field of image processing	Prof. Anjan Mukherjee (Guide)&Dr Sharmistha Bhattacharya Halder (Co-Guide)	Registered
Srijita Barman Roy	A Study on Image Processing Technique using various generalized form of ICA & PCA	Prof. Anjan Mukherjee (Guide) &Dr Sharmistha Bhattacharya Halder (Co-Guide)	Registered
Aditi Datta (Electrical Engineering)	Design & Analysis of Optical Communication system with Chaos-Shift-Keying	Prof. Anjan Mukherjee (Guide)& Prof. A. K. Ghosh (Co-Guide)	Registered
Tamojoy Deb (IT)	Robust face Recognition System with sparse representation with special reference to compressive sensing	Prof. Anjan Mukherjee (Guide)& Prof. A. K. Ghosh (Co-Guide)	Registered
Sajal Kanta Das (IT)	Investigation of Application of Wireless Motes in Designing Smart Buildings	Prof. Anjan Mukherjee (Guide)& Prof. A. K. Ghosh (Co-Guide)	Registered
Md. Atikul Islam	Study on some new fuzzy relations and its application in the field of fuzzy image processing	Dr Sharmistha Bhattacharya Halder	Awarded in 2015
Shouvik Bhattacharya	Fuzzy Rough queuing control and their applications in traffic control	Dr Sharmistha Bhattacharya Halder	Awarded in 2015
Purnendu Das	Some properties of newly constructed fuzzy transforms and its applications in numerical analysis	Dr Sharmistha Bhattacharya Halder	Awarded in 2016
Kalyani Debnath	On Bayesian Decision Theoretic Rough Set Model & its Application	Dr Sharmistha Bhattacharya Halder	submitted
PiyaliDebnath	IF Soft Rough Oscillatory Region And Its Application	Dr Sharmistha Bhattacharya Halder	-do
SumantaSaha	A study on Hybridized ICA, PCA, Rough Set model and its application in the field of Image Processing	Dr Sharmistha Bhattacharya Halder	Registered (Co supervisor)
Srijita Barman Roy	A study on Image Processing Techniques Using Various Generalized forms of ICA and PCA	Dr Sharmistha Bhattacharya Halder	-do-
Utpal Pal	A study on Bayesian Decision Theoretic Rough set using R Package	Dr Sharmistha Bhattacharya Halder	Registered(27/08/2015)
Jayanta Debnath	Study of some generalized convergent sequence spaces of fuzzy numbers and intuitionistic fuzzy numbers	Dr. D. Bhattacharya & Dr. Shyamal Debnath	Awarded under NIT Agartala(28.05.2016)
Subrata Saha	Studies on some generalized sequence spaces	Dr. Shyamal Debnath	Thesis Submitted (21.06.2016)
Debjani Rakshit	Studies on <i>I</i> -Statistically convergent sequences	Dr. Shyamal Debnath	Registered, (27.08.2015)
Prasenjit Bal	Topology	Dr. Subrata Bhowmik	Registered
Saurav Biswas	Topology	Dr. Subrata Bhowmik	Registered

# 7. Outreach Footprint of the Department:

7. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

, , <u>, , , , , , , , , , , , , , , , , </u>	The Seminary Conference, it considered in the Control of the Separations							
Sl.	Date	Duration	Title	No. of Participants				
No.								
1	06 May 2016	01 day	Rough Sets, Fuzzy Sets and Their	58				
			Applications					

7. B. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. Anjan Mukherjee	Tripura Mathematical Soc.	Life member and Editor in Chief, JTMS

Prof. Anjan Mukherjee	FRSA	Secretary
Prof. Anjan Mukherjee	Calcutta Mathematical Soc.	Life Member
Prof. Anjan Mukherjee	Math. Education	Life Member
Prof. Binod Chandra Tripathy	The American Mathematical Society	Annual Member
Prof. Binod Chandra Tripathy	The Indian Mathematical Society	Life Member
Prof. Binod Chandra Tripathy	The Indian Academy of Mathematics	Vice president & Life Member
Prof. Binod Chandra Tripathy	The Banaras Hindu University Mathematical Society	Life Member
Prof. Binod Chandra Tripathy	The Orissa Mathematical Society	Life Member
Prof. Binod Chandra Tripathy	The Tripura Mathematical Society	Life Member
Prof. Binod Chandra Tripathy	The Bharat GanitParisad	Life Member
Prof. Binod Chandra Tripathy	The Assam Academy of Mathematics	Life Member
Dr. Sharmistha Bhattacharya Halder	Tripura Mathematical society	Vice President
Dr. Sharmistha Bhattacharya Halder	FRSA	Treasurer
Dr. Sharmistha Bhattacharya Halder	MOHONA	EC Member
Dr. Shouvik Bhattacharya	Tripura Mathematical Society	EC Member
Dr. ShyamalDebnath	Tripura Mathematical Society	Life Member
Dr. ShyamalDebnath	Calcutta Mathematical Society	Life Member
Dr. ShyamalDebnath	Indian Mathematical Society	Life Member
Dr. ShyamalDebnath	American Mathematical Society	AnnualMember

# 8. Major thrust area of research:

Set Theory, Logic, Topology, Topological Algebra, Fuzzy Set Theory, Fuzzy Topology, Fuzzy Logic, Rough Set, Decision Making, Functional Analysis, Numerical Analysis, Soft Computing, Image Processing, Data Mining, Soft Set Theory, Soft Topology, Multi Set Theory, Multi Set Topology, Summability Theory.

9. On-going Research Projects in 2015-16:

Principal		Funding	Title of the project	Total	Grant	Tenure
Investigator	Co-	Agency		Grant	received	
	Investigator			(Rs. in	during the	
				Lakhs)	year (Rs. in	
					Lakhs)	
Dr. Shyamal	Nil	CSIR	I-statistically convergent	8 lakhs	2.43 lakhs	2014-2017
Debnath			sequences of fuzzy numbers			
Dr. Mausumi	Prof. Binod	DST (GoI)	A Study on Measure Theoretical	10.51	Fund	2015-2018
Sen, NIT	Chandra		Approach to Convergence of	lakhs	received by	
Silchar	Tripathy		Sequences in Probabilistic		NIT Silchar	
			Normed Spaces			

10. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

10. No of studen	No of students quantied in various public examinations in the Academic year 2013-10 from the Department.														
Name of Examinations	Total Gen			OBC		SC		ST		PH (Out of Total)		Minority			
Name o Examinat	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	2	-	2	1	-	-	-	1	-	-	-	-	-	-	-
SLET	2	-	2	2	-	-	-	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

#### DEPARTMENT OF MICROBIOLOGY

Head of the Department : Dr Shaon Ray Chaudhuri

Year of Establishment : 2011

Programmes on offer : M.Sc in Microbiology, PhD

Intake capacity : 26

#### Major Achievements/ Vision of the Department:

Our vision is to setup a Centre of Excellence in the field of Microbiology for training the next generation scientists. In order to do so the MSc course syllabus has been extensively revised to incorporate the latest development in the field. We have two of the finest teachers associated with our department formerly from Calcutta University and Bhabha Atomic Research Centre as visiting fellow while a dedicated guest faculty to give the best to our students. The department filed the first patent of the University in Clinical Microbiology while organized series (8) of hands on training and workshop for students and faculty from in-house and local colleges; local, national and international symposium from December 2015 till April 2016. Two of our students were trained in industry while two others in a reputed academic institution between Jan-Feb 2016. It received two R&D projects from UGC-DAE in 2015 while a Rajiv Gandhi National Fellow joined the department increasing the scholar strength to six. It received approximately 1.5 lakh rupees from external agencies in India for conducting symposium in 2016. We were able to establish collaboration with National (Gandhi Institute of Engineering and Technology, Odissa) and International Organization (Environment and Population Research Centre, Bangladesh and Albert Einstein Medical School, New York) as well as Industry (Biostadt India Limited). The former led to receiving grant of USD 3000 from American Society of Microbiology as support for Visiting Professor. The later led to signing of the first MoU of Tripura University with an Industry (Biostadt India Limited). Two MoU proposals with GIET (Orissa) and EPRC (Bangladesh) have been submitted to the University and are still pending. Two of our students were able to communicate their 6months project work as part of a book chapter. The department has received visibility at the National level which has resulted in a substantial increase in number of students joining our department from outside the state both for MSc and PhD.

#### Fulltime Faculty Members

Name	Qualification (PG/ MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Shaon Ray Chaudhuri	PhD	Associate Professor	Basic Microbiology, Basics of DNA Science and Recombinant DNA Tech., Practical, Project Part-2	Microbial Technology	11+ years	4
Dr. Bipin Kumar Sharma	PhD	Assistant Professor	Microbial enzymes and toxins, Special paper-1, Special paper-2, Practical	Microbial Ecology	4+ years	3

#### Guest Teachers/Contract Teachers:

Name	Qualification	Courses Taught in	Research	No. of years	No. of years of
	(PG/MPhil/ Ph.D/	2015-16	area/interest	of teaching	research
	NET, SLETetc)			experience	experience
Sourav Ghosh	NET	Cell Biology and	Clinical	9 months	=
		Microbial Physiology,	Microbiology		
		Practical	Host Microbe		
			Interaction		
Dr Shyamasree	PhD	Practical	Cell Biology	4 months	=
Laskar					

### 3. Visiting Teacher/ Visiting Fellow:

er visiting reaction, visiting real	•	
Name	Topics of courses/lectures taught in	Institution affiliated with now/previously (if
	Tripura University	retired)
Prof Ashoke Ranjan Thakur	Molecular Biology and Microbial Genetics	Formerly from Calcutta University
	Microbial Bioreactors	
Prof Lalit Mohan Gantayet	Microbial Bioreactors	Formerly from Bhabha Atomic Research
		Centre

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

4.1. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015- 16)	ISSN/DOI	Page No.
Shaon Ray Chaudhuri	Draft genome sequence of an industrially important Bacillus sp from Mandarmani coastal waters in Midnapur District, West Bengal, India	Genome Announcements	4	2016	10.1128/ge nomeA.008 67-16	e0086 7-16
B Antizar-Ladislao, BD Bhattacharya, S Ray Chaudhuri, S K Sarkar	Impact of silver nanoparticles on benthic prokaryotes in heavy metal-contaminated estuarine sediments in a tropical environment	Marine Pollution Bulletin	9	2015	10.1016/j. marpolbul. 2015.07.05 1. Epub 2015 Jul 29	104- 11
B.K. Sharma, A. Saha, L. Rahaman, S. Bhattacharjee, and P. Tribedi	Silver Inhibits the Biofilm Formation of Pseudomonas aeruginosa	Advances in Microbiology	5	2015	10.4236/ai m.2015.51 0070	677- 685
Maumita Saha, Subhasis Sarkar, Biplab Sarkar, Bipin Kumar Sh arma, Surajit Bhattachar jee, Prosun Tribedi.	Microbial siderophores and their potential applications: a review	Environ Sci Pollut Res	23	2016	10.1007/s1 1356-015- 4294-0	3984

4.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/DOI	Page
		Magazine		(2015- 16)		No.
Manjila Gupta, Arindam Roy, Srimoyee Banerjee, Raman Kapoor, Basudam Adhikari, Ashoke Ranjan Thakur, Shaon Ray Chaudhuri	Bacillus sp MCC2138: a potential candidate for microbial degumming of Ramie	International Journal of Fiber and Textile Research	5(3)	2015	2277-7156	39- 43
Ramashanker, S. Deb and B. K. Sharma	Traditional healing Practices in North East India.	Indian journal of history of Sciences	50.2	2015	2454-9991	324- 332

# 5. Details of publications not reported in category 4:

# 5.1. Books:

All Authors in	Title	Publishers	Year	ISBN
sequence			(2015-16)	
Shaon Ray Chaudhuri	Life science: Recent innovations &	International	2016	ISBN: 978-93-
	research	Research Publication		84443-53-5
		House		

5.2. Book Chapters:

All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year (2015-	ISBN	Page No.
					16)		
Sourav Ghosh, Livia Eliza	Understanding	Shaon Ray	Life Science	International	2016	978-93-	121-
Alex, Farha Khan, Jhumki	plant microbe	Chaudhuri	Science:	Research		84443-	151
Das, Tethi Biswas, Sohini	interaction on		Recent	Publication		53-5	
Basu, Pritam Basak, Ankita	the leaf surface		Innovations	House			
Nag, Ashoke Ranjan			and Research				
Thakur, M. Sudarshan,							
Christian Ulrich, Inga							
Mewis and Shaon Ray							
Chaudhuri							

Anirban Mukherjee and Shaon Ray Chaudhuri	Comparison of the response of albicans and non albicans group of candida isolated from different parts of west bengal, india upon exposure to several stresses	Shaon Ray Chaudhuri	Life Science Science: Recent Innovations and Research	International Research Publication House	2016	978-93- 84443- 53-5	153- 180
Madhurima Ghosh, Amrita Saha, Kamlesh Jangid, Amaraja Abhay Joshi and Shaon Ray Chaudhuri	A polyphasic approach of species identification for genus bacillus	Shaon Ray Chaudhuri	Life Science Science: Recent Innovations and Research	International Research Publication House	2016	978-93- 84443- 53-5	227- 255
Sourav Ghosh, Subhadeep Ghosh, Amrita Saha, Ashoke Ranjan Thakur, Debabrata Datta, Indranil Mukherjee, and Shaon Ray Chaudhuri	Photobacterium leiognathi cmb_001: new- generation oxygen detection biosensor for environmental quality monitoring	Shaon Ray Chaudhuri	Life Science Science: Recent Innovations and Research	International Research Publication House	2016	978-93- 84443- 53-5	273- 285
Sufia Khanam, Indranil Mukherjee, Ashoke Ranjan Thakur and Shaon Ray Chaudhuri	Successful technology transfer of waste water fed aquaculture from India to Bangladesh: a case study	Shaon Ray Chaudhuri	Life Science Science: Recent Innovations and Research	International Research Publication House	2016	978-93- 84443- 53-5	351- 368
Shaon Ray Chaudhuri, Jaweria Sharmin, Srimoyee Banerjee, U Jayakrishnan, Amrita Saha, Madhusmita Mishra, Madhurima Ghosh, Indranil Mukherjee, Arpita Banerjee, Kamlesh Jangid, Mathummal Sudarshan, Anindita Chakraborty, Rajib Nath, Maitreyi Banerjee, Shiv Shankar Singh, Ajoy Krishna Saha and Ashoke Ranjan Thakur	Novel Microbial System Developed from Low- Level Radioactive Waste Treatment Plant for Environmental Sustenance	Hosam El- Din Mostafa Saleh and Rehab O. Abdel Rahman	Management of Hazardous Wastes	InTech	2016	978- 953-51- 4764-0	In Press
Shaon Ray Chaudhuri, Indranil Mukherjee, Debabrata Datta, Chaitali Chanda, Ganesh Prasath Krishnan, Swati Bhatt, Paulami Datta, Shashi Bhushan, Sourav Ghosh, Pinaki Bhattacharya, Ashoke Ranjan Thakur, Debanik Roy and Parthasarathi Barat	Developing tailor made microbial consortium for effluent remediation	Rehab O. Abdel Rahman and Hosam El-Din Mostafa Saleh	Nuclear Material Performance	InTech	2016	978- 953-51- 2447-4	17- 35

6. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Mr. Sushanta Ghosh	National seminar on Recent advancements in natural product chemistry for drug discovery	November 28-29, 2015	Udaipur Netaji Subhas Mahavidyalaya	Chemical modification and Biological Evaluation of Chrysin- a naturally occurring Flavanoid

7. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Dr. Shaon Ray Chaudhuri	NIT, Agartala Women's College, Agartala	26 <sup>th</sup> Nov 2015 10 <sup>th</sup> Dec	NIT Agartala, Women's College, Agartala	From nature to product: a journey with the microbe
	1 Igurturu	2015		
Dr. Shaon Ray	State Biotech Hub,	20 <sup>th</sup> Jan	Three days seminar cum	Deciphering the identity of
Chaudhuri	Tripura University	2016	workshop on recent trends in biotechnological research, State Biotech Hub, Tripura University	nitrate accumulating pure isolate for genus Bacillus
Dr. Shaon Ray	Women's College,	29 <sup>th</sup> March	Science Forum, Women's	Microbiology in Human
Chaudhuri	Agartala	2016	College, Agartala	Welfare
Dr. Shaon Ray	Institute of Physics,	7 <sup>th</sup> to 9th	Institute of Physics, Bhubaneswar,	Yield and nutritional quality
Chaudhuri	Bhubaneswar	November	Workshop on the Use of Low	enhancement of Mung bean
		2015	Energy Ion Beams (WIB@IOP)	using integrated
		-3		management approach
Dr. Shaon Ray	Tripura University	2 <sup>nd</sup> Feb	Tripura University, International	Waste water treatment
Chaudhuri		2016	workshop cum discussion on	related R&D activity at
			drinking water & waste water	Tripura University
			related issues in Tripura and Bangladesh	
Dr. Shaon Ray	Maulana Abul Kalam	27 <sup>th</sup> to 31 <sup>st</sup>	Centre of Excellence in	Strategies of waste water
Chaudhuri	Azad University of	October	Environmental Technology and	treatment: the microbial
Chaudhuri	Technology, West	2015	Management, Maulana Abul	approach
	Bengal,	2013	Kalam Azad University of	арргоасп
	Dongui,		Technology, West Bengal	

8. Patents Applied for/ Received:

Name	Title of Patent Applied for/	Patent Filing No.	Year	Licensed or Not
	Received		(2015-16)	
Dr. Shaon Ray	Rapid detection of in-vivo	No. 201631003917	3 <sup>rd</sup> Feb 2016	Not
Chaudhuri	sensitivity of a microorganism			
	to an antimicrobial agent			

### 9. Outreach Footprint of the Department:

Outreach program for Faculty and scholar of Women's College Agartala on Microbial identification in wetlab and drylab followed by microbial product development from 22<sup>nd</sup> to 25<sup>th</sup> February 2016.

10. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

S1.	Date	Duration	Title	No. of Participants
No.				
1.	30 <sup>th</sup> Nov and 1 <sup>st</sup>	2 days	Hands on Training on Biophysics and Spectroscopy	7
	Dec 2015			
2.	5 <sup>th</sup> to 9 <sup>th</sup> Jan	5 days	Workshop on Elementary Statistics, quantitative and	Above 50
	2016		computational techniques	
3.	2 <sup>nd</sup> February	1 day	International workshop cum discussion session on	44
	2016		drinking water and waste water related issues in	
			Tripura and Bangladesh	
4.	17 <sup>th</sup> February	One and half hours	Motivating self and achieving success by Dr Anjana	30
	2016		Bhattacharjee	
5.	16 <sup>th</sup> to 25 <sup>th</sup> Feb	10 days	Hands on Training on Microbial Finishing of Fiber	19
	2016		and Microbial Products	

6.	22 <sup>nd</sup> to 25 <sup>th</sup>	4 days	Outreach program for Faculty and scholar of Women's	2
	February 2016	-	College Agartala on Microbial identification in wetlab and	
			drylab followed by microbial product development	
7.	19 <sup>th</sup> March	1day	National Symposium on Modern Applications of	Above 65
	2016		Electron Microscopy in Interdisciplinary Research	
8.	30 <sup>th</sup> March	1day	Workshop on Intellectual Property Rights	Above 135
	2016			
9.	4 <sup>th</sup> May 2016	1day	Seminar on Industrial approach for Probiotic induced	209
			shrimp cultivation and	
			MOU signing with Industry	

10. B. Interaction with Industry/ NGO/ Govt. Organization:

Sl.	Faculty Names	Name of Industry/	Location of	MOU Signed?	Any Grant	Student Placed?
No.	Tacarty Tvarries	NGO	Industry	(Yes/No)	Received?	(If yes No.)
					(If yes value in	
					Lakhs)	
1.	Dr. Shaon Ray	Environment and	Dhaka,	Submitted to	None	None
	Chaudhuri	Population	Bangladesh	University,		
		Research Centre		approval pending		
2.	Dr. Shaon Ray	Gandhi Institute of	Gunupur,	Submitted to	None	None
	Chaudhuri	Engineering and	Orissa	University,		
		Technology		approval pending		
3.	Dr. Shaon Ray	Biostadt India	Mumbai	Yes	Yes (In kind as	Placement
	Chaudhuri	Limited			student training	offered in Baroda
					expenses and food	but student
					in January-	refused to pick
					February 2016)	up the same

10.C. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Shaon Ray Chaudhuri	Electron Microscope Society India	Life Member
Dr. Shaon Ray Chaudhuri	Association of Microbiologists of India	Life Member
Dr. Shaon Ray Chaudhuri	American Chemical Society	Full Member
Dr. Shaon Ray Chaudhuri	American Society of Microbiology	Full Member
Dr. Shaon Ray Chaudhuri	Society for Applied Biotechnology	Fellow
Dr. Shaon Ray Chaudhuri	Eurasian Academy of Environmental Science	Fellow
Dr. Shaon Ray Chaudhuri	Bergey's International Society for Microbial Systematics	Full Member

10.D.Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Bipin Kumar	Orientation programme	UGC, HRDC,GGV, Bilashpur,	26	15 <sup>th</sup> June 2015 to
Sharma		Chattishgarh,		11 <sup>th</sup> July 2015
Dr. Bipin Kumar	Refresher course in Life	UGC, HRDC, Manipur University	22	14 <sup>th</sup> January to 4 <sup>th</sup>
Sharma	Sciences			February 2016

- 11. Major thrust area of research: Microbial Biotechnology, Microbial Biodiversity, Bioremediation
- 12. New initiatives/innovations: For a subject like Microbiology, the hands on training makes a profound difference in the acceptability of the students in Academia and industry. Hence the curriculum has been designed in such a manner that they get the best possible exposure.
  - a. Innovation in teaching methodology where the students would learn techniques in the first two semester practical. In the third semester, those techniques and other advance techniques would be used to address a real life problem with multiple steps which would train them for future research / problem solving. Finally, they would be picking up individual project for the 3<sup>rd</sup> and 4<sup>th</sup> semesters.
  - b. Additional techniques which they have not been able to learn earlier or which they need to learn at a greater depth are taught during specialized hands on training program, as was done in 2015-16.
  - c. Experts from industry and academia are invited to teach students for long (MSc course) and short term (seminars) duration to give them the required exposure.
  - d. Based on their ability they are sent, for training, to industry and academia.
  - e. In-house journal club has been started so that the students/scholars know about the research activities of the department and learn to understand as well as present scientific papers.

f. New theory course (Waste Water Treatment) has been introduced keeping in mind the Swachh Bharat Mission. MSc projects to a major extent have been allotted keeping in mind the environmental sustainability and protection.

13.A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
4	Laboratory 1 for Instrumentation and Bacterial work	-
	• Laboratory 2 for washing, pH titration, drying, water bath	
	experiments and yeast/fungal work	
	Laboratory 3 for Bacterial Inoculation	
	Laboratory 4 for stock storage, sample measurement and	
	media preparation.	

### 13.B. Major Instruments available in the Department:

Autoclave, Incubator (2), Micro centrifuge, Rough balance, fine balance, Horizontal as well as vertical Electrophorosis system with powerpack, Hot air oven, Laminar flowhood (3), Digital Microscope, Monocular Microscope, Magnetic Stirrer, Thermocycler, Distillation plant, RO system (Aquelix), Orbital shaker, microwave, pH meter, Refrigerator 4°C (3), Freezer (-20°C, -80°C), Sonicator, Soxhlet apparatus, Spectrophotometer, Votex, Water bath, UV Transilluminator.

14. On-going Research Projects in 2015-16:

Principal		Funding	Title of the project	Total Grant	Grant	Tenure
Investigator	Co-	Agency		(Rs. in Lakhs)	received	
	Investigator				during the	
					year	
Dr. Shaon	Indranil	UGC-DAE	Understanding the effect	Rs 7,70,200/-	Rs.	2014-17
Ray	Mukherjee		of Plant growth promoting		2,64,800/-	
Chaudhuri			bacteria (PGPB)		(transferred	
			formulation on nutritional		to TU in	
			quality on gamma		2015)	
			irradiated mung bean			
			seeds			
Dr. Shaon	-	UGC-DAE	Understanding the impact	Rs 8,55,000/-	Rs.	2015-18
Ray			of phytochemical		2,29,800/-	
Chaudhuri			elemental content on			
			biofilm stimulation by			
			epiphytic bacteria			

#### 15. Any other achievements:

We have established collaborations with other departments of Tripura University in research and that has resulted in joint publications and research project submissions.

#### DEPARTMENT OF MOLECULAR BIOLOGY & BIOINFORMATICS

Head of the Department : **Dr. Surajit Basak, Head (i/c)** 

Year of Establishment : 2011

Programmes on offer : M.Sc. & Ph.D. Intake capacity : 18 in M.Sc.

#### Major Achievements/ Vision of the Department:

The department is dedicated to offer the highest quality of teaching to its post graduate students and prepare them for the rapid advances, as well as the long-term trends, in the fields of Molecular Biology and Bioinformatics. The department provides the science major students with an introduction to Molecular Biology and Bioinformatics courses at the masters level studies. This Department provides a center of excellence that promotes the understanding of the molecular events of Life processes. The department encourages and assures high quality research and other scholarly activity on the part of both faculty members and students.

1. Fulltime Faculty Members :

Name	Qualification (PG/ MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Surajit Basak	NET, Ph.D.	Assistant Professor	Structural Bioinformatics, Genomics, proteomics, Sequence Analysis	Genome Informatics	Research -10 Years, Teaching -5 Years,	1
Dr. Surajit Bhattacharjee	NET, GATE, Ph.D.	Assistant Professor	Cell Signalling, Biochemistry, Immunology, Recombinant DNA technology, Cell Biology, Basic Genetics	Infectious Biology, Host-pathogen interaction, Host biofilm interaction, Immunomodulation, Cell Biology	Research -10 Years, Teaching -5 Years,	03

2. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura	Institution affiliated with now/previously
	University	(if retired)
1. Prof. Sudip Kundu	Structural Bioinformatics	Calcutta University
2. Prof. Sanjit Dey	Developmental Biology, Biochemistry	Calcutta University
3. Prof. Santosh Kar	Immunology, Molecular Biology	KIIT University

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

3.1. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the Journal/	Volume	Year (2015-	ISSN/DOI	Page No.
		Magazine		16)		INO.
S. Deb, S. Basak	Comparative study of codon usage pattern and compositional distribution between whole genome and virulence gene set of Vibrio cholerae N16961	Computational Molecular Biology	5	2015	1927-5587	1-4
Sarkar B, Jaisai M, Mahanty A, Panda P, Sadique M, Nayak BB, Gallardo G, Thakur D, Bhattacharjee S, Dutta J.	Optimization of the sublethal dose of silver nanoparticle through evaluating its effect on intestinal physiology of Nile tilapia (Oreochromis niloticus L.)	J Environ Sci Health A Tox Hazard Subst Environ Eng.	50	2015	10.1080/1093 4529.2015.10 19800.	814-23
Sharma BK, Saha A, Rahaman L, Bhattacharjee S, Tribedi P.	Silver Inhibits the Biofilm Formation of Pseudomonas aeruginosa	Advances in Microbiology	5	2015		677-685

Gupta P, Sarkar S, Das B, Bhattacharjee S, Tribedi P.	Biofilm, pathogenesis and prevention-a journey to break the wall: a review	Arch Microbiol		2015		
Sarkar B, Bhattacharjee S, Daware A, Tribedi P, Krishnani KK, Minhas PS.	Selenium Nanoparticles for Stress-Resilient Fish and Livestock	Nanoscale Res Lett	10	2015	10.1186/s116 71-015-1073- 2.	371
Das MC, Paul S, Gupta P, Tribedi P, Sarkar S, Manna D, Bhattacharjee S*.	3-Amino-4- Aminoximidofurazan derivatives: small molecules possessing antimicrobial and antibiofilm activity against Staphylococcus aureus and Pseudomonas aeruginosa	J Appl Microbiol.		2016	10.1111/jam. 13063	Open Access
Bhattacharjee S, Sarkar B, Sharma AR, Gupta P, Sharma G, Lee SS, Chakraborty C.	Formulation and application of biodegradable nanoparticles based biopharmaceutical delivery - an efficient delivery system	Curr Pharm Des		2016		Open Access
Das MC, Sandhu P, Gupta P, Rudrapaul P, De UC, Tribedi P, Akhter Y & Bhattacharjee S*	Attenuation of Pseudomonas aeruginosa biofilm formation by Vitexin: A combinatorial study with azithromycin and gentamicin	Scientific Reports. (Nature Publishing Group)		2016	10.1038/srep 23347	Open Access
Bose PP, Bhattacharjee S, Singha S, Mandal S, Mondal G, Gupta P, Chatterjee BP	A glucose/mannose binding lectin from litchi (Litchi chinensis) seeds: Biochemical and biophysical characterizations	Biochemistry and Biophysics Reports	6	2016		242- 252.

3.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/DOI	Page
All Authors	TILL		Volume		13311/1501	_
		Magazine		(2015-		No.
		_		16)		
BhattacharjeeT,	Hepatotoxic and	International Journal of	6	2016	-	39-47
Bhattacharjee S &	nephrotoxic effects of	Pharmaceutical,				
Choudhuri D.	chronic low dose	Chemical and				
	exposure to a mixture of	Biological Sciences				
	heavy metals – lead,					
	cadmium and arsenic.					

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/	Date	Organized by	Title of the paper presented
	Seminar/ Workshop			
	attended			
Dr. Surajit	103 <sup>rd</sup> Indian Science	3-7	Indian Science	Change of Evolutionary Selection Pressure on
Basak	Congress	January,	Congress	HIV-1 Envelope Gene between Normal
		2016	Association	Progressor and Nonprogressor: New Insight from
				the ENV gene sequences of North-East India
Dr. Surajit	National seminar on	28 – 29th	Dept. of	Screening of Phytoconstituents for selective
Bhattacharjee	"Recent advances in	November	Chemistry,	attenuation of bacterial biofilm: search for potent
	natural products	2015	Netaji Subhas	antibiofilm agent from natural resources
	chemistry for drug		Mahavidyalaya,	
	discovery"		Udaipur, Tripura,	
			India	

5. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

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Name	Place	Date	Organization	Title of Invited talk
Dr. Surajit Basak	Kolkata	30th May 2016	National Institute of Cholera &	Biological Databases and
			Enteric Diseases	their Applications
Dr. Surajit Basak	Shillong	28th April, 2016	St. Edmund's College	Current Trends in
				Bioinformatics

Dr. Surajit Basak	Lembucherra	23rd March, 2016	College of Fisheries	Database searching using BLAST
Dr. Surajit Basak	Agartala	7th November,	Holy Cross College	Bioinformatics and its
		2015		Prospectus

6. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mr. Sushanta Deb	Evolution of codon usage bias in bacterial genomes	Dr. Surajit Basak	Registered
Mr. Antu Das	Exploration of Antileishmanial Immunotherapeutic Potential of Sterculia villosa Roxb.	Dr. Surajit Bhattacharjee	Registered
Mr. Manash Chandra Das	Exploration of the effect of synthetic aminoximidofurazan derivatives and flavone group of natural compounds on biofilm formation by Pseudomonas aeruginosa and Staphylococcus aureus including host immune-modulation	Dr. Surajit Bhattacharjee	Registered

## 7. Outreach Footprint of the Department:

7. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

S1.	Date	Duration	Title	No. of
No.				Participants
1	20-21 <sup>st</sup> November, 2015	2 days	Application of Bioinformatics to Genomic Data Analysis	18
2	29 <sup>th</sup> April, 2016	One Day	World Immunology day Seminar	50

7. B. Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Surajit Bhattacharjee	Indian National Young Academy of sciences	Elected as member for 5 years (2016-2020)

- 8. Major thrust area of research:
  - a) Genome Informatics
  - b) Host-pathogen interaction;
  - c) Bacterial Biofilm
  - d) Nano biotechnology
- 9. New initiatives/Innovations:

9. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
4	2	2

- 9. B. Major Instruments available in the Department:
  - 1. BOD Incubator,
  - 2. Bio-safety Cabinet,
  - 3. PCR machine,
  - 4. Cold Centifuge,
  - 5. Western Blot apparatus,
  - 6. Tissue Culture Room,

10. On-going Research Projects in 2015-16:

Principal	Co-	Funding Agency	Title of the project	Total Grant	Grant	Tenure
Investigator	Investigator	T unumg rigency	The of the project	(Rs. in	received	Tenare
				Lakhs)	during the	
					year (Rs. in	
					Lakhs)	
Dr. Surajit	Dr. Tapan	Indian Council of	In silico comparative genomics	20.04	10.54	2015-
Basak	Majumder	Medical Research	approach to study the			18
		(ICMR)	dynamics in genome evolution			
			of Vibrio Cholerae			
Dr. Surajit	-	Department of	Bioinformatics approach for	18.00	8.00	2016-
Basak		Science &	probiotic genome analysis			19
		Technology (DST),	•			
		Govt. of India				

Dr. Surajit	-	Indian Council of	"Dectin 1 and Toll Like	33	14.56	2015-
Bhattacharjee		Medical Research	Receptors (TLR) at the			18
		(ICMR)	interface of Beta Glucan and			
			macrophage interaction: A			
			mechanistic study of			
			immunomodulatory activity of			
			B-glucan using leishmaniasis			
			as an immunosuppressive			
			disease model."			
Dr. Surajit	Dr. Rajat	Indian Council of	"Interaction of IL-18 and TNF-	19.97	14.10	2015-
Bhattacharjee	Subhra Das	Medical Research	alpha in the modulation of			17
		(ICMR)	Osteoprotegerin (OPG) in			
			Subjects with Osteoarthritis,			
			Rheumatoid Arthritis (in both			
			Sexes) and Osteoporosis in			
			Post-Menopausal Women."			
Dr. Surajit	Dr. Debasish	Department of	"Role of TLR mediated	57	6.18	2014-
Bhattacharjee	Maiti	Biotechnology	Genomic Instability patterns in			17
			response to chronic infection			
			of Tuberculosis and Host-			
			pathogen interaction."			
Prof. Ajay	Dr. Surajit	Department of	"Studies on identification,	-	-	2014-
Krishna Saha	Bhattacharjee	Biotechnology	antimicrobial, antioxidant level			17
			and nutritional index as well as			
			standardization of cultivation			
			of some wild edible			
			mushrooms of Tripura."			
Prof. Samir	Dr. Surajit	Department of	"Molecular and Cellular	-	-	2014-
Kr. Sil	Bhattacharjee	Biotechnology	studies on normal and diabetic			17
			wound healing activities of			
			Parkia Javanica, a medicinal			
			plant of Tripura, North East			
			India."			

11. Awards/Medals/Honours received by the Teachers during the academic year 2015-16:

Name of Teacher	Name of Awards/Medals/Honours	Date of Awards/Medals/Honours	Awarding Agency/Institution	Remarks
Dr. Surajit Bhattacharjee	Selected to join as Indian National Young Academy of Science (INYAS) member	2016, January	Indian Nation Science Academy (INSA)	-

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#### DEPARTMENT OF PHARMACY

Head of the Department : Prof. M. K. Singh (Dean), Rajat Ghosh, Coordinator

Year of Establishment : 2011

Programmes on offer : Master of Pharmacy in Pharmaceutical Chemistry, Ph.D

Intake capacity : M.Pharma-10

#### Major Achievements/ Vision of the Department:

To become one of the premier departments and a world leader in pharmacy education and research at national and international levels by:

- Empowering the students to become leaders in global Pharmaindustry by providing them with dynamic educational experience.
- Involving the students in innovative research in Pharmaceutical sciences.
- Changing and redesigning of the study curriculum to meet the changing need by establishing relationships with global world.
- Preparing post graduate students and research fellows to become the next generation of scientists and educators.

• Employment of innovative, practical oriented teaching methods.

1. Fulltime Faculty Members: 03

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLET etc.)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Kuntal Manna	Ph.D.	Assistant Professor	Medicinal Chemistry, Pharmaceutical Chemistry, Research Methodology	Medicinal Chemistry, Drug Discovery and Pharmaceutical Chemistry	12	05
Mr. Rajat Ghosh	M. Pharm	Assistant Professor	Pharmaceutical Analysis Pharmaceutical Chemistry Research Methodology	Synthesis of Active Pharmaceutical Ingredients (APIs), Instrumental Analysis of drug molecules, Structure-based design and development of potential drugs	08	-
Dr. Pratap Chandra Acharya	Ph. D	Assistant Professor	Pharmaceutical Chemistry	Drug discovery	04	-

### 2. Guest Teachers: 03

Name	Qualification (PG/M.Phil/ Ph.D/NET, SLET etc)	Courses Taught in 2015-16	Research area/interest	No. of years of teaching experience	No. of years of research experience
Dr. Santanu	Ph.D	Pharmaceutical Analysis-II,	NDDS, RADDS	08	06
Mallik		Pharmaceutical Chemistry-IV			
Mr. Asim Das	PG	Pharmaceutical Chemistry-III	Medicinal Chemistry	03	-
Mr. Arpan Saha	PG	Pharmaceutical Analysis-II, Pharmaceutical		06 Months	-
		Pharmaceutical Chemistry-IV	Chemistry		

3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

3.1. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015-16)	ISSN/DOI	Page No.
Manik Das, Partha Sakha Ghosh and Kuntal Manna	A Review on Platensimycin: A Selective FabF Inhibitor	International Journal of Medicinal Chemistry	-	2016	2090-2069 (Print) ISSN: 2090-2077 (Online) 10.1155/2016/970 6753	1-16
Manik Das and Kuntal Manna	Chalcone Scaffold in Anticancer Armamentarium: A Molecular Insight	Journal of Toxicology	-	2016	1687-8191 (Print) ISSN: 1687-8205 (Online) 10.1155/2016/765 1047	1-14
Kuntal Manna, Waikhom Somraj Singh, Lipika Das, Marina Reang, Manik Das and Debasish Maiti	Microwave Assisted Biogenic Synthesis of Metal Nanoparticles Using Plant Extract: Characterization and Antimicrobial Activity	Current Bionanotechnology	1	2015	2213-5308 (Online) 2213-5294 (Print) DOI: 10.2174/221 35294026661605 11125216	87-94
Manik Das and Kuntal Manna	Bioactive Cyclohexenones: A Mini Review	Current Bioactive Compounds	11	2015	1875-6646 (Online) 1573-4072 (Print) /10.2174/1573407 21104151230104 138	239- 248
Partha Sakha Ghosh, Kuntal Manna, UdayanBanik and Manik Das, Priyotosh Sarkar	Synthetic Strategies and Pharmacology of 2-oxo-3 Cyanopyridine Derivatives	Chem Inform	46	2015	Online1522-2667 /10.1002/chin.201 520301	Abstr act
Ghosh R, Choudhury K, Choudhury R, Sen S, Chakraborty R, Momin Z, Goswami BB, De B.	Antispermogenic activity of triterpenoids isolated from <i>Dioscoreaglabra</i> tuber	Der Pharma Chemica	8	2016	0975-413X CODEN (USA): PCHHAX	76-82
P C Acharya, R Vasi, D Suares	FTIR assay method for UV inactive drug carisoprodol and identification of degradants by RP-HPLC and ESI-MS	Journal of Chromatography B	1029	2016	1570-0232	16-21

3.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015- 16)	ISSN/DOI	Page No.
R. Ghosh, R. Nandi	Phytochemical And Biological Importance of Boerhaviadiffusa: A Plant of Ethno pharmacological knowledge	International Journal of Pharma Sciences and Research (IJPSR)	7	2016	0975-9492	134- 143
BikashDebnath, MdJashim Uddin,	Estimation of Alkaloids and Phenolics of Five Edible	International Journal of	7	2015	0975–1491	223- 227
PrasenjitPatari, Manik Das, DebasishMaiti,	Cucurbitaceous Plants and Their Antibacterial Activity	Pharmacy and Pharmaceutical				221
Kuntal Manna		Sciences				

3.3. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

All Authors	Title	Name of the Journal/	Volume	Year	ISBN/	Page No.
		Magazine		(2015-	DOI	
				16)		
Ghosh R.*,	Evaluation of Antimicrobial	One Day National Seminar	-	2016	-	72
Singh M.K.,	and Antioxidant activities of	on "Emerging Trends in				(ETPER-
Mallik S., Das	newly synthesized	Pharmaceutical Education				60)
A.	Pyrazoline and Pyrimidine	and Research"				
	derivatives					
Mallik S.*,	Development of pH	One Day National Seminar	-	2016	-	74
Singh M.K.,	dependent novel drug	on "Emerging Trends in				(ETPER-
Ghosh R.	delivery of	Pharmaceutical Education				62)
	Flurbiprofen loaded in	and Research"				
	microsponges for intesinal					
	targeting					

## 4. Outreach Footprint of the Department:

4. A. Membership in Professional/ Learned Societies:

THE TEMPORE OF THE TOTAL STATE OF THE TEMPORE OF TH								
Faculty/ Scholar Name of Society		Grade of Membership						
Name								
Mr. Rajat Ghosh Association for Pharmaceutical Teachers of India, Bangalore		Life time Membership						
	Indian Pharmaceutical Association (IPA), Mumbai.	Life Member						
Dr. Santanu Mallik	Association for Pharmaceutical Teachers of India, Bangalore	Life time Membership						

#### 5. Major thrust area of research:

Steroid Chemistry, Anticancer drug discovery, Synthesis of pharmaceutical impurities, analytical method development for drugs and pharmaceuticals, Isolation and Pharmacological screening of Biomolecules.

#### 6. New initiatives/Innovations:

Audio-visual classroom, Digital and animated library based practical teaching, Introduction of analytical practice teaching; Inclusion of Pedagogy based learning, Promotion of group discussion and MOCK Test among students, encouraging the use of free online journals facilitated by Central Library, T.U., so that students can keep themselves updated easily in the field of advancement of pharmaceutical sciences.

7. A. Teaching Laboratory/ Research Laboratory:

,		
Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
03	02	01

#### 7. B. Major Instruments available in the Department:

UV-1800 SHIMADZU, Hot Air Oven, Micro Oven (Godrej), Rotary Evaporator.

8. On-going Research Projects in 2015-16:

Principal Investigator	Co- Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Dr. Kuntal Manna	-	UGC-BSR	Chalcones and their derivatives: Design, synthesis and evaluation of various applications	6 lakhs	-	2 years
		DST-SERB	Development of calixarene- based drugs: Design, synthesis/formulation and potential pharmacological applications	26 lakhs	-	3 years

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#### DEPARTMENT OF PHYSICS

Head of the Department : **Prof. Debajyoti Bhattacharjee** 

Year of Establishment : 1990

Programmes on offer : M.Sc. in Physics, Ph.D. in Physics

Intake capacity : 26

#### Major Achievements/Vision of the Department:

- Department of physics offering M.Sc. in physics (CBCS system). Major courses offered by the department at the M.Sc. level are: Classical Mechanics, Mathematical Physics, Statistical Physics, Quantum Mechanics, Nuclear and Particle Physics, Atomic and Molecular Physics, Electrodynamics and Special Theory of Relativity, Astrophysics, Electronics, Computer Programming and projects on various topics. Besides these subjects, students are also allowed to take elective subjects from other departments and fundamental computer fundamental course.
- A large number of students each year qualify NET and SET. After completing M.Sc. most of them are absorbed in different positions, mostly in schools, colleges, banks and other departments of the State and Central governments. A few of them also pursue Ph.D. work at Tripura University and other Universities / Institutes.
- Department received a grant of Rs. 1.75 Crores from FIST- DST project to develop better research facilities and also for better laboratory and infrastructure facilities for the students, scholars, and faculty members of the department.
- Faculty members also received a good number of projects from various central funding agencies such as DST, CSIR, ISRO etc.
- At present, there are four research groups in the department; 1. Atmosferics Research group (Prof. B.K.De and Dr. A.Guha), 2. Thin film and Nano Science Research Group (Prof. D.Bhattacharjee and Dr. S.A.Hussain), 3. Nano Science and Nano Technology (Dr. R. Das) and 4. Theoretical Spectroscopy and Condensed Matter Physics (Dr. S. Chattopadhyaya)
- A large number of Research Scholars are working in the various research groups of the department.
- A large number of papers are being published in each year in different peer reviewed international journals of repute.
- Faculty members visited various universities and Institutes abroad as visiting scientists.
- Faculty members are regularly visiting abroad for collaborative research.
- Faculty members are also life members of various scientific organizations.

#### 1. Fulltime Faculty Members:

Name	Qualification (PG/M.Phil/ Ph.D/NET/ SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of teaching/ research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Barin Kumar De	Ph.D.	Professor	Quantum Mech, Astro Phys, Electronics	Atmospheric science and Radio Communication	33 years	05
Dr. D. Bhattacharjee	Ph.D.	Professor	Mathematical Physics, Condensed Matter Physics, Computer Programming	Thin film and Nanoscience: Organo-clay hybrid, FRET, Biosensor, Biomimetic Surfaces, Molecular aggregates, Organic switching devices	Teaching: 17 years Research: 24 Years	04
Dr. Surya Chattopadhyaya	Ph.D.	Associate Professor	Classical Mechanics, Statistical Mechanics, Molecular Spectroscopy, Electronics Practical	Theoretical Spectroscopy, Condensed Matter Physics and Material Science	14 Years	01
Dr. S. A. Hussain	Ph.D.	Assistant Professor	Electronics, Atomic Spectroscopy	Thin film and Nanoscience: Organo-clay hybrid, FRET, Biosensor, Biomimetic Surfaces, Molecular aggregates, Organic switching devices	12 years	04

Dr. Anirban	Ph.D.	Assistant	Electronics, E.M.	Atmospheric	10 years	04
Guha		Professor	theory, Sp. theory	science and Radio		
			of Relativity	Communication		
Dr. Ratan Das	Ph.D.	Assistant	Quantum	Nanophysics and	4 years	02
		Professor	Mechanics-1,	Nanotechnology-		
			Astrophysics and	Synthesis and		
			Astronomy,	Characterization of		
			Nuclear physics and	nanomaterials,		
			Particle Physics,	Elastic, optical and		
			Solid state physics,	Magnetic properties		
			Mathematical	with different		
			Physics,	applications		
			Quantum			
			Mechanics-II			

2. Details of Publications reported in web of Science, scopus, Google scholar, Indian Citation index only:

2.1. Publications in peer reviewed Journals published outside India (International):

All authors	Title	Name of Journals / Magazine	Vol.	Year (2015-16)	ISSN/ DOI	Page No.
A. Guha, B. Paul, M. Chakraborty and B. K. De	Tropical cyclone effects on the equatorial ionosphere: First result from the Indian sector	Journal of Geophysical Research (Space Physics), (American Geophysical Union), In press	-	2016	-	-
B. Pathak, T. Subba, P. Dahutia, P. K. Bhuyan, K. Krishna Moorthy, M. M. Gogoi, S. Suresh Babu, L. Chutia, P. Ajay, J. Biswas, C. Bharali, A. Borgohain, P. Dhar, A. Guha, B. K. De, T. Banik, M. Chakraborty, S. S. Kundu, S. Sudhakar and S. B. Singh	Aerosol characteristics in north-east India using ARFINET spectral optical depth Measurements	Atmospheric Environment (Elsevier Science, IF=3.459)	125 (B)	2016	1352-2310/ 10.1016/j.atm osenv.2015.0 7.038	461– 473
J. Saha, D. Dey, Arpan Datta Roy, D. Bhattacharjee, Syed Arshad Hussain*	Multi step FRET among three laser dyes Pyrene, Acriflavine and Rhodamine B	Journal of Luminescence (Elsevier; IF= 2.719)	172	2016	0022-2313,/ 10.1016/j.jlu min.2015.12. 004	168- 174
C. Hansdaa, U. Chakraborty, Syed Arshad Hussain, D. Bhattacharjee, P. K. Paul	Layer-by-layer films and colloidal dispersions of graphene oxide nanosheets for efficient control of the fluorescence and aggregation poperties of the cationic dye acridine orange	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (Elsevier; IF= 2.129)	157	2016	1386-1425, /10.1016/j.saa .2015.12.006	79–87
J. Bhattacharjee, A. Shil, Syed Arshad Hussain & D. Bhattacharjee*	Adsorption of a cationic water-soluble dye onto cationic Langmuir–Blodgett films via nano clay platelets: An efficient approach to control the H-dimer	Mol. Cryst. Liq. Cryst. (Taylor & Francis, IF=0.62)	624	2016	1542-1406 (Print), 1563- 5287 (Online) /10.1080/154 21406.2015.1 036508	213- 223
Arpan Datta Roy, Jaba Saha, Dibyendu Dey, D. Bhattacharjee, Syed Arshad Hussain*	Influence of clay and DNA on Fluorescence Resonance Energy Transfer between two laser dyes Pyrene and Acriflavine	Adv. Sci. Letts. (American Scientific Publisher, IF=1.25)	22	2016	1936-6612, http://dx.doi.o rg/10.1166/as 1.2016.6810	149- 153
S. Chattopadhyaya, A. Nathand K. K. Das	Effects of spin-orbit coupling on the electronic states and	Journal of Physics B: Atomic Molecular & Optical	49	2016	0953-4075 /10.1088/095 3-	065- 101

	spectroscopic properties of diatomic SeS	Physics (IOP Publishing; IF= 1.833)			4075/49/6/06 5101	
S. Chattopadhyaya, A. Nathand K. K. Das	Effects of spin—orbit coupling on the electronic states and spectroscopic properties of tellurium monoxide molecule – A theoretical study	Computational and Theoretical Chemistry,. (ELSEVIER; IF= 1.403)	1084	2016	2210-271X / 10.1016/j.co mptc.2016.03 .026	75–87
G. Sa´tori, E. Williams, C. Price, R Boldi, A. Koloskov, Y. Yampolski, A. Guha and V. Barta.	Effects of Energetic Solar Emissions on the Earth– Ionosphere Cavity of Schumann Resonances	Surveys in Geophysics (Springer Science, IF= 3.622)	37	2016	0169-3298 (Print) 1573- 0956 (Online) /10.1007/s10 712-016- 9369-z	757- 789
Sumit Sarkar and Ratan Das	Photoluminescence Study of Silver Nano-hexagons	Plasmonics (Springer,IF=2.238)	11	2016	1557-1955 /10.1007/s11 468-015- 0082-4	551- 556
Ratan Das and Sumit Sarkar	Willianson Hall plot analysis of the XRD result of synthesized silver nanocubes for the determination of their elastic properties.	Adv. Sci. Letts. (American Scientific Publisher, IF=1.25)	22	2016	1936-6612 /10.1166/asl.2 016.6806	145- 148
A. Saha, A. Guha and B. K. De	Sunrise effect on 40 kHz signal amplitude and its characteristics variation with respect to geomagnetic storms	Canadian Journal of Physics IF= 0.964	93	2015	1208-6045 (print) 0008-4204 (web) 10.1139/cjp- 2014-0319	1574- 1582
M. Chakraborty, S. Kumar, B. K. De and A. Guha	Effects of Geomagnetic Storm on Low Latitude Ionospheric Total Electron Content: A case study from Indian Sector	Journal of Earth System Science (Springer Science, IF= 0.858)	124	2015	10.1007/s120 40-015-0588- 3	1115- 1126
Soma Banik, J. Bhattacharjee, Syed Arshad Hussain, D. Bhattacharjee*	Clay induced aggregation of a tetra-cationic metalloporphyrin in layer by layer self assembled film	Journal of Physics and Chemistry of Solids (Elsevier; IF: 1.853)	87	2015	0022-3697 10.1016/j.jpcs .2015.08.008	128- 135
J. Bhattacharjee; Soma Banik.; Syed Arshad Hussain; Debajyoti Bhattacharjee	A study on the interactions of cationic porphyrin with nano clay platelets in Layer-by-Layer (LbL) self assembled films	Chemical Physics Letters (Elsevier; IF: 1.991)	633	2015	0009-2614 10.1016/j.cpl ett.2015.05.0 21	82–88
Pintu Debnath; Santanu Chakraborty, Subrata Deb, Jayasree Nath, Debajyoti Bhattacharjee, Syed Arshad Hussain*	Reversible Transition between Excimer and J- Aggregate of an Indocarbocyanine Dye in Langmuir – Blodgett (LB) Films	The Journal of Physical Chemistry C (American Chemical Society, IF = 4.835)	119	2015	1932-7447, 10.1021/acs.j pcc.5b02111	9429– 9441
Jaba Saha, Arpan D. Roy, D. Dey, S. Chakraborty, D. Bhattacharjee & Syed Arshad Hussain*	Investigation of Fluorescence Resonance Energy Transfer between Fluorescein and Rhodamine 6G	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (Elsevier; IF=2.129)	149	2015	1386-1425, 10.1016/j.saa. 2015.04.027	143– 149
A. Sil, Syed Arshad Hussain, D. Bhattacharjee	Adsorption of a water soluble cationic dye into a cationic Langmuir monolayer	Journal of Physics and Chemistry of Solids (Elsevier, IF = 1.594)	80	2015	0022-3697 10.1016/j.jpcs .2015.01.005	98–104

Santanu Chakraborty;	Temperature and	Applied Clay	104	2015	0169-1317,	245-
		Science	104	2013		251
Debajyoti Bhattacharjee;	Concentration dependence				10.1016/j.cla	231
Honami Soda; M.	of J – aggregate of a	(Elsevier; IF=2.703)			y.2014.11.03	
Tominaga; Yasutaka	cyanine dye in a Laponite				9	
Suzuki; Jun Kawamata;	film fabricated by					
Syed Arshad Hussain*	Langmuir – Blodgett technique					
Mitu Saha, Syed Arshad	Interaction of nano- clay	Molecular Crystals	608	2015	1542-1406	198
Hussain, D. Bhattacharjee	platelets with a	and Liquid Crystals			(Print), 1563-	
	phospholipid in presence of	(Taylor & Francis,			5287 (Online)	
	a fluorescence probe	IF=0.62)			/10.1080/154	
	•	,			21406.2014.9	
					50465	
Dibyendu Dey, Debajyoti	Development of a sensor to	Spectrochimica Acta	136	2015	1386-1425,	1797–
Bhattacharjee, Arpan D	study the DNA	Part A: Molecular			/10.1016/j.saa	1802
Roy, Jaba Saha, Santanu	conformation using	and Biomolecular			.2014.10.086	
Chakraborty, Syed Arshad	molecular logic gates	Spectroscopy				
Hussain		(Elsevier; IF=2.129)				
Ratan Das and Sumit	Optical properties of silver	Optical Materials	48	2015	0925-3467	203-
Sarkar	nano-cubes	(Elsevier, IF=2.062)			/10.1016/j.opt	208.
		, , , , , , , , , , , , , , , , , , , ,			mat.2015.07.	
					038	
Ratan Das and Sumit	X-ray diffraction analysis	Materials Chemistry	167	2015	0254-0584	97-102
Sarkar	of synthesized silver nano-	and Physics			/10.1016/j.ma	
	hexagon for the study of	(Elsevier, IF=2.503)			tchemphys.20	
	their mechanical properties				15.10.015	
Ratan Das, Sumit Sarkar,	Two peak luminescence	Journal of	168	2015	0022-2313	325-
Mitu Saha, and	from linoleic acid protected	Luminescence			/10.1016/j.jlu	329
Siddhartha Sankar Nath	gold nanoparticles	(Elsevier, IF=			min.2015.08.	
		2.719)			047	

2.2. Publications in peer reviewed Journals published in India (National):

All authors	Title	Name of	Volume	Year	ISSN/	Page
		Journals /		(2015-	DOI	No.
		Magazine		16)		
Syed Arshad Hussain*, Dibyendu	Fluorescence Resonance	Sci. Lets. J.,	4: 119	2015	2454 –	1
Dey, Sekhar Chakraborty, Jaba	Energy Transfer (FRET)	(Cognizure)			7239	
Saha, Arpan Datta Roy, Santanu	sensor (Invited Review					
Chakraborty, Pintu Debnath, D.	article)					
Bhattacharjee						
	Determination of intrinsic	Current Science	109	2015	0011-	775-
Ratan Das and Sumit Sarkar	strain in	(I. F 0.926)			3891	778
	poly(vinylpyrrolidone)-					
	capped silver nano-hexapod					
	using X-ray diffraction					
	technique					

2.3. Full papers published in the proceedings of Conference/ Seminar/ Symposium etc.:

2.5. I an papers passished in the proceedings of conference, seminar, symposium etc							
All authors	Title	Name of Journals / Magazine	Volume	Year (2015-	ISSN/ DOI	Page No.	
				16)			
T. Banik, B. K. De and A. Guha	Lightning evolution during severe tropical cyclone Leher	accepted for publication in the book entitled NAM S&T Publication on: Strategic Interventions to mitigate the Hazard of Lightning (in press)	-	2016	-	-	

8. Conference/ Seminar/ Workshops/Summer-Winter schools attended by Teacher/ Students/ Research Scholars of the Dept. organized by Institutions/ Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the Paper presented
Dr. S. Chattopadhyaya	UGC Sponsored National Seminar on Recent Trend of research in Chemistry-A New Horizon of Hope	08-09 August, 2015	Department of Chemistry, Women's College, Agartala, Tripura	Electronic States of Magnesium Hydride - A Theoretical Study
Dr. S. Chattopadhyaya	National Seminar on the Recent Trend of Material Science	1 <sup>st</sup> March, 2016	Department of Chemistry, D.D.M. college Khowai, Tripura	Structural and Electronic Properties of Ba-doped PbTe Ternary Alloys
Dr. Ratan Das	ICAAN-2015	8-11 Dec, 2015	Center for nanotechnology, IIT Guwahati	Shape effect of the phololuminescence spectra of chemically synthesized anisotropic silver nanocrystals
Dr. Anirban Guha	XIXth National Space Science Symposium - NSSS 2016	9-12 February, 2016	Space Physics Laboratory, Vikram Sarabhai Space Center, Indian Space Research Organization, India	Lightning triggered Transient Luminous Events (TLEs) and Schumann Resonance spectral characteristics: A case study
Dr. Anirban Guha	GNSS (GAGAN-IRNSS) user meet 2015	8 <sup>th</sup> October, 2015	ISRO Satellite Center, Bangalore	-
Dr. Anirban Guha	International Symposium titled 'Strategic Interventions to Mitigate the Hazard of Lightning' as a sponsored candidate from Centre for Science & Technology of the Non-Aligned and other Developing Countries (NAM S&T Centre) New Delhi, India	11-13 August 2015	Lusaka, Zambia	Lightning evolution during severe tropical cyclones: Some case studies from Indian sector
Prof.Barin Kumar De	XIXth National Space Science Symposium - NSSS 2016	9-12 February, 2016	Space Physics Laboratory, Vikram Sarabhai Space Center, Indian Space Research Organization, India	Monthly variability of aerosol characteristics and radiative forcing over a period of four years: A study from Tripura in Northeast India
Trisanu Banik	XIXth National Space Science Symposium - NSSS 2016	9-12 February, 2016	Space Physics Laboratory, Vikram Sarabhai Space Center, Indian Space Research Organization, India	Lightning evolution during severe tropical cyclones: Some case studies from Indian sector
Pranab Dhar	XIXth National Space Science Symposium – NSSS 2016	9-12 February, 2016	Space Physics Laboratory, Vikram Sarabhai Space Center, Indian Space Research Organization, India	Monthly variability of aerosol characteristics and radiative forcing over a period of four years: A study from Tripura in Northeast India
Bapan Paul	XIXth National Space Science Symposium - NSSS 2016	9-12 February, 2016	Space Physics Laboratory, Vikram Sarabhai Space Center, Indian Space Research Organization, India	Tropical cyclone effects on the equatorial ionosphere: First result from the Indian sector
Bapan Paul	2nd URSI-REGIONAL CONFERENCE ON RADIO SCIENCE 2015	November 16-19, 2015	Indian National Committee for International Radio Science Union (INC- URSI), INSA, Jawaharlal Nehru University, New	Ionospheric TEC variation due to solar activity observed from a latitudinal chain of GPS receivers extended from 700 N to 700

			Delhi & Microwave Applications Society of India, New Delhi.	S: A recent study
			Venue: Jawaharlal Nehru University, New Delhi	
Kumarjit Saha	XIXth National Space Science Symposium - NSSS 2016	9-12 February, 2016	Space Physics Laboratory, Vikram Sarabhai Space Center, Indian Space Research Organization, India	Study of VLF signal propagation characteristics observed from Antarctica
Kumarjit Saha	2nd Ursi-Regional Conference On Radio Science 2015	16-19 November, 2015	Indian National Committee for International Radio Science Union (INC- URSI), INSA, Jawaharlal Nehru University, New Delhi & Microwave Applications Society of India, New Delhi. Venue: Jawaharlal Nehru University, New Delhi	Investigation on Earth's lower ionosphere during X-class solar flares
Ms. Soma Banik	NCRTRP-2015	23-24 July, 2015	Department of physics, Women's college, Agartala, Tripura	Adsorption Behaviour Of A Cationic Dye Onto Nano Clay Platelets In Layer By Layer Self assembled Film
Ms.Soma banik	UGC Sponsored National seminar on recent trends of research in chemistry- A new Horizon of hopes	8-9 August, 2015	Department of Chemistry, Women's college, Agartala, Tripura	An effect of pH on the interaction of DPPC with RhB
Ms. Soma Banik	National seminar on Recent Advances in Natural Products Chemistry for Drug Discovery	28-29 November, 2015	Department of Chemistry, Netaji Subhas Mahavidyalaya, Udaipur, Tripura	Adsorption of a water soluble dye onto a phospholipid monolayer at the air-water interface
Ms. Mitu saha	NCRTRP-2015	23-24 July, 2015	Department of physics, Women's college, Agartala, Tripura	Study the role of DNA in controlling the dimeric sites of AO in ultra thin films
Ms.Mitu Saha	UGC Sponsored National seminar on recent trends of research in chemistry- A new Horizon of hopes	8-9 August 2015	Department of Chemistry, Women's college, Agartala, Tripura	Adsorption of protein at airwater interface in the presensce of two Xanthene dyes
Ms. Mitu Saha	National seminar on Recent Advances in Natural Products Chemistry for Drug Discovery	28-29 November 2015	Department of Chemistry, Netaji Subhas Mahavidyalaya, Udaipur, Tripura	Study of aggregation behavior of ZnTPP in Langmuir-blodgett (LB) films
Ashis Shil	NCRTRP-2015	23-24 July 2015	Department of physics, Women's college, Agartala, Tripura	Flattening of a water soluble porphyrin dye in the Langmuir Blodgett film
Ashis Shil	UGC Sponsored National seminar on recent trends of research in chemistry- A new Horizon of hopes	8-9 August 2015	Department of Chemistry, Women's college, Agartala, Tripura	-
Ashis Shil	National seminar on Recent Advances in Natural Products Chemistry for Drug Discovery	28-29 November 2015	Department of Chemistry, Netaji Subhas Mahavidyalaya, Udaipur, Tripura	-
Chandan Debnath	NCRTRP-2015	23-24 July 2015	Department of physics, Women's college, Agartala, Tripura	Metal ion induced H- aggregation of an anionic dye in Langmuir Blodgett film
Chandan Debnath	UGC Sponsored National seminar on recent trends of research in chemistry- A new Horizon of hopes	8-9 August 2015	Department of Chemistry, Women's college, Agartala, Tripura	Adsorption of water soluble anionic dye into a cationic Langmuir monolayer

Chandan Debnath	4 <sup>th</sup> International Conference	8-11	IIT Guwahati, Guwahati	Matrix dependent
	on Advanced Nanomaterials and Nanotechnology	December, 2015		aggregation of an anionic dye in the restricted geometry of the ultra thin film
Sumit Sarkar	ICAAN-2015	8-11 Dec, 2015	Center for nanotechnology, IIT Guwahati	X-ray diffraction analysis of silver nanohexagon for the study of their different elastic properties
Sumit Sarkar	INUP Workshop	15-16 February, 2016	NIT, Agartala	-
Sumit Sarkar	74 <sup>th</sup> Refresher Course in Experimental Physics	8-23 March, 2016	Department of Physics, Tripura University, Agartala	-
Sumit Sarkar	National Seminar on Recent Advances in natural products chemistry for drug discovery	28-29 November, 2015	Netaji Subhas Mahavidyalaya, Udaipur, Gomati Tripura	Two peak luminescence of gold nanoparticles
Pijush Chandra Dey	ICAAN-2015	8-11 Dec, 2015	Center for nanotechnology, IIT Guwahati	Synthesis of CdS and Ag/CdS and to study the elastic properties using Williamson-Hall plots
Pijush Chandra Dey	INUP Workshop	15-16 February, 2016	NIT, Agartala	-
Pijush Chandra Dey	74 <sup>th</sup> Refresher Course in Experimental Physics	8-23 March, 2016	Department of Physics, Tripura University, Agartala	-
Pijush Chandra Dey	National Seminar on Recent Advances in natural products chemistry for drug discovery	28-29 November, 2015	Netaji Subhas Mahavidyalaya, Udaipur, Gomati Tripura	X-ray diffraction study the elastic properties of jagged spherical CdS nanocrystals
Arpan Datta Roy	National Conference on Recent trends of research in Physics	23 <sup>-</sup> 24 July, 2015	Department of Physics, Women's College, Agartala	Sensing of conformation of DNA using molecular logic gate: A FRET study
Arpan Datta Roy	UGC sponsored National Conference on Recent trends of research in chemistry-A new horizon of hopes	8 <sup>-</sup> 9 August, 2015	Department of chemistry, Women's College, Agartala	Realization of DNA conformation using Fluorescence Resonance Energy Transfer
Arpan Datta Roy	National Seminar on Recent Advances in Natural Products Chemistry for Drug Discovery	28- 29 November 2015	Department of Chemistry, N. S. M, Udaipur	Realization of various ionic states of dppc using energy transfer between two laser dyes
Arpan Datta Roy	National Seminar on Recent Trends on Material Science	1 <sup>st</sup> march, 2016	Department of Chemistry, D. D. M. College, Khowai	Investigation of various ionic states of DPPC using energy transfer between two laser dyes
Jaba Saha	National Conference on Recent trends of research in Physics	23 <sup>-</sup> 24 July, 2015	Department of Physics, Women's College, Agartala	Design of an Arsenic sensor by using FRET
Jaba Saha	UGC sponsored National Conference on Recent trends of research in chemistry-A new horizon of hopes	8-9 August, 2015	Department of chemistry, Women's College, Agartala	Influence of pH on FRET
Jaba Saha	National Seminar on Recent Advances in Natural Products Chemistry for Drug Discovery	28- 29 November, 2015	Department of Chemistry, N. S. M, Udaipur	Sensing of a heavy toxic element in drinking water using fluorescence resonance energy transfer
Jaba Saha	National Seminar on Recent Trends on Material Science	1 <sup>st</sup> march, 2016	Department of Chemistry, D. D. M. College, Khowai	Sensing of king of poison in drinking water

Bapi Dey	National Conference on	23- 24	Department of Physics,	Study of Spectroscopic and
	Recent trends of research in	July, 2015	Women's College, Agartala	Electrical properties of a
	Physics			Fluorescent dye in
				Langmuir –Blodgett films
Bapi Dey	UGC sponsored National	8-9	Department of chemistry,	Aggregation and switching
	Conference on Recent	August,	Women's College, Agartala	behavior of a Fluorescence
	trends of research in	2015		dye in Langmuir –Blodgett
	chemistry-A new horizon of			films
	hopes			
Bapi Dey	National Seminar on Recent	28- 29	Department of Chemistry,	Electrical Switching
	Advances in Natural	November,	N. S. M, Udaipur	Behaviour of Pyrene J-
	Products Chemistry for	2015		aggregate in Langmuir
	Drug Discovery			Blodgett Films
Bapi Dey	Science Academies'	8 - 23	Department of Physics,	-
	Refresher Course in	March,	Tripura University,	
	Experimental Physics	2016	Agartala	
Pintu Debnath	National Conference on	23- 24July,	Department of Physics,	Thermal effects on the
	Recent trends of research in	2015	Women's College,	stability of J-aggregated
	Physics		Agartala	Langmuir-Blodgett films
Pintu Debnath	UGC sponsored National	8- 9	Department of chemistry,	Formation of Highly Stable
	Conference on Recent	August,	Women's College,	J-aggregation of a Cyanine
	trends of research in	2015	Agartala	Dye in Langmuir-Blodgett
	chemistry-A new horizon of			Films by Thermal
	hopes			Treatment
Pintu Debnath	National Seminar on Recent	28- 29	Department of Chemistry,	Effect of Humidity on
	Advances in Natural	November,	N. S. M, Udaipur	Cyanine Dye J-aggregate in
	Products Chemistry for	2015		Langmuir Blodgett (LB)
	Drug Discovery			Films
Pintu Debnath	National Conference on	$20 - 21^{st}$	Organized by Department	Formation of SHG active J
	"Recent Development and	May 2016,	of Chemistry, National	aggregate of a cyanine dye
	Applications in Chemical		Institute of Technology,	
	Sciences (RDACS – 2016)		Agartala, India	

4. Invited talks delivered by Faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Name of the program	Date	Organization	Title of the Invited Talk
Prof. D.Bhattacharjee	National Conference NCRTRP-2015	23-24 July, 2015	Women's College, Agartala, Tripura	Chair a Session
Prof. D.Bhattacharjee	74 <sup>th</sup> Refresher Course in Experimental Physics	08-23 March 2016	Department of Physics, Tripura University	Thin film and Nano Science
Dr. S. Chattopadhyaya	National Conference NCRTRP-2015	23-24 July, 2015	Department of Physics, Women's College, Agartala, Tripura	Relativistic Configuration Interaction Study of the Electronic States and Spectroscopic properties of TeO molecule
Dr. S. A. Hussain	Workshop on Photonics, Electronics, Nanotechnology, Integrated Circuits And Systems (Phoenics-2016) A UGC Networking Resource Center in Physical Sciences (UGC-NRCPS) Program	February 29 – March 4, 2016	Organized jointly by Institute of Radio Physics & Electronics, University of Calcutta and Department of Electrical Engineering, Tripura University	Thin Films and Nanoscience – glimpse of recent developments
Dr. S. A. Hussain	National Seminar on "Recent Trends on Material Science"	1st March, 2016	DDM college, khowai, Tripura	Organo – Clay Hybrid Nano Films
Dr. S. A. Hussain	National Conference NCRTRP-2015	23-24 July, 2015	Women's College, Agartala, Tripura	FRET based sensors
Dr. Ratan Das	Workshop on (PHOENICS-2016)	February 29 – March 4, 2016	Organized jointly by Institute of Radio	Nanotechnology

A UGC Networking	Physics & Electronics,	
Resource Center in Physical	University of Calcutta	
Sciences (UGC-NRCPS)	and Department of	
Program	Electrical	
	Engineering, Tripura	
	University	

5. Ph.D. scholars registered / Theses submitted / awarded during the Academic year 2015-16:

gistered / Theses submitted / awarded during the Academic year 2		D 1 / 1/1751
Research topic	Name of Guide	Registered/ These
		submitted/ Awarded
VLF-LF Propagation Characteristics in Relation to solar	Prof. Barin	Awarded
Activity and Local Climate Conditions	Kumar De	
Studies on some solar Activity Parameters and their influence	Prof. Barin	Awarded
on Total Electron Content	Kumar De	
Some studies on the propagation of a long distant low	Prof. Barin	Awarded
frequency signal in relation to Climatic and Geophysical	Kumar De	
events		
Fabrication Of Organised Molecular Assemblies In Ultra-Thin	Prof.	Thesis submitted
Films And Its Photo-Physical Investigations	D.Bhattacharjee	
Characterizations of Hybrid Langmuir Blodgett (LB) Films	Prof.	Registered
prepared by Electrostatic Interactions	D.Bhattacharjee	
"Quantum mechanical studies of the electronic states and	Dr. S.	Awarded
spectroscopic properties of some VIA intra group	Chattopadhyaya	
heteronuclear diatomic molecules"		
A comparative study of Fluorescence Resonance Energy	Dr. S. A. Hussain	Awarded
Transfer (FRET) in solution phase and in hybrid films		
prepared by LB and LBL techniques		
Electrical and optical characterizations of some organic	Dr. S. A. Hussain	Registered
molecules assembled onto ultra thin films		
Earth's lower ionosphere and its interaction with Solar and	Dr. Anirban	Registered
Geophysical phenomena: A study using very low frequency	Guha	
(VLF) electromagnetic waves		
Synthesis of a few pure and doped group II-VI semiconductor	Dr. Ratan Das	Registered
nanocrystals for the study of their mechanical and optical		
properties and their applications		
	VLF-LF Propagation Characteristics in Relation to solar Activity and Local Climate Conditions Studies on some solar Activity Parameters and their influence on Total Electron Content Some studies on the propagation of a long distant low frequency signal in relation to Climatic and Geophysical events Fabrication Of Organised Molecular Assemblies In Ultra-Thin Films And Its Photo-Physical Investigations Characterizations of Hybrid Langmuir Blodgett (LB) Films prepared by Electrostatic Interactions "Quantum mechanical studies of the electronic states and spectroscopic properties of some VIA intra group heteronuclear diatomic molecules" A comparative study of Fluorescence Resonance Energy Transfer (FRET) in solution phase and in hybrid films prepared by LB and LBL techniques Electrical and optical characterizations of some organic molecules assembled onto ultra thin films Earth's lower ionosphere and its interaction with Solar and Geophysical phenomena: A study using very low frequency (VLF) electromagnetic waves Synthesis of a few pure and doped group II-VI semiconductor nanocrystals for the study of their mechanical and optical	Research topic  VLF-LF Propagation Characteristics in Relation to solar Activity and Local Climate Conditions  Studies on some solar Activity Parameters and their influence on Total Electron Content  Some studies on the propagation of a long distant low frequency signal in relation to Climatic and Geophysical events  Fabrication Of Organised Molecular Assemblies In Ultra-Thin Films And Its Photo-Physical Investigations  Characterizations of Hybrid Langmuir Blodgett (LB) Films prepared by Electrostatic Interactions  "Quantum mechanical studies of the electronic states and spectroscopic properties of some VIA intra group heteronuclear diatomic molecules"  A comparative study of Fluorescence Resonance Energy Transfer (FRET) in solution phase and in hybrid films prepared by LB and LBL techniques  Electrical and optical characterizations of some organic molecules assembled onto ultra thin films  Earth's lower ionosphere and its interaction with Solar and Geophysical phenomena: A study using very low frequency (VLF) electromagnetic waves  Synthesis of a few pure and doped group II-VI semiconductor nanocrystals for the study of their mechanical and optical  Prof. D.Bhattacharjee  Prof. D.Bhattacharjee  Dr. S. Chattopadhyaya  Dr. S. A. Hussain  Dr. S. A. Hussain  Dr. Anirban  Guha  Dr. Anirban  Guha  Dr. Ratan Das

## 6. Outreach Footprint of the Department:

6. A. Refresher and Orientation Courses Organized:

0. 11. 10.	. At Refresher and Ottenation Courses Organized.							
Sl.	Date	Duration	Title	No. of Participants				
No.								
1	08.03.2016 to 23.03.2016	15 days	74 <sup>th</sup> Refresher Course in Experimental Physics	28				

## 6. B. Membership of Professional/Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. Barin Kumar De	International Academy of Physical Science, Allahbad	Life Member
Prof. Barin Kumar De	Institute of Electronics and Tele Communication	Life Member
	Engineering(IETE)	
Prof. Barin Kumar De	Physics Academy of North-East (North-East India)	Life Member
Prof. Barin Kumar De	SK Mitra Centre for Research in Space Environment,	Life Member
	Calcutta University, Kolkata	
Prof. D.Bhattacharjee	Indian Physical Society	Life Member
Prof. D.Bhattacharjee	Indian Science Congress association	Life Member
Prof. D.Bhattacharjee	Society for Physical Science in Tripura (SPST)	Life Member
Dr. S. A. Hussain	Physics Academy of North East (PANE)	Executive committee member
Dr. S. A. Hussain	American Nano Society (ANS)	Invited Life Member
Dr. S. A. Hussain	Indian Physical Society	Life Member
Dr. S. A. Hussain	Indian Physics Association	Life Member
Dr. S. A. Hussain	Indian Science Congress association	Life Member
Dr. S. A. Hussain	Material Research Society of India	Life Member
Dr. S. A. Hussain	Tripura University Alumni Association (TUAA)	General Secretary
Dr. S. A. Hussain	Society for Physical Science in Tripura (SPST)	General Secretary
Dr. Anirban Guha	American Geophysical Union (AGU), USA	Life Member

Dr. Anirban Guha	National Postdoctoral Association, USA	Life Member
Dr. Anirban Guha	Physics Academy of the North-East (PANE), India	Life Member

6. C. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. S. A. Hussain	74th Refresher Course in Experimental Physics	Department of Physics, Tripura University	15 days	08.03.2016 to
				23.03.2016
Dr. Ratan Das	27th Orientation	Human Resource Development Centre	30 days	01.07.2015
	Programme	(Academic Staff College), Manipur		to
		University		30.07.2015
Dr. Ratan Das	Refresher course in	Human Resource Development Centre	21 days	29.10. 2015
	Experimental Physics	(Academic Staff College) ,University of		to
		Hyderabad		18.11.2015

#### 7. Major Thrust area of research:

A. Atmospheric Science: Faculty member involved in this group: Prof. B. K. De & Dr. A. Guha Research interest:

Lightning and its effects on terrestrial environment, its relation with long term climate change Coupling mechanism between upper atmosphere (magnetosphere and ionosphere) and troposphere and its relation with space environment, Atmospheric aerosol radiative forcing on synoptic scale, Precursory signature of earthquakes through electromagnetic channel

B. Thin films & Nanoscience: Faculty member involved in this group: Prof. D. Bhattacharjee & Dr. S. A. Hussain Research interest:

Langmuir-Blodgett (LB) films, Self assembled (LbL) films, organo-clay hybrid, FRET, switching devices, optical sensors, biosensors, biomimetic surface, Langmuir films etc.

C. Theoretical Physics: Faculty member involved in this group: Dr. Surya Chattopadhyaya

#### Research interest:

Theoretical study of electronic states, spectroscopic properties and transition properties of molecules and ions using Configuration Interaction (CI) methodology, Density functional theory (DFT) based FP-LAPW calculations of structural, elastic, electronic, optical magnetic, transport properties etc. of solids, designing of new alloys and study of their various physical properties using DFT.

D. Nanophysics and Nanotechnology: Faculty member involved in this group: Dr. Ratan Das

Research Interest:

Synthesis and Characterization of nanomaterials, Elastic, optical and Magnetic properties with different applications.

#### 8. New initiatives / Innovations:

Thin films & Nanoscience Lab.

- i. Mimicking artificial biomembrane and Study of drug delivery system
- ii. Designing Organic switching devices

9. A. Teaching Laboratory/ Research Laboratory:

- 2	<u> </u>	J :	
	Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
	09	05	04

## 9. B. Major Instruments available in the Department:

Thin film & Nanoscience Lab.

Instruments for Thin Film Preparation:

- i. Fluorescence Imaging Microscope attached with Langmuir-Blodgett film deposition instrument (Apex Instruments, India)
- ii. Brewster Angle Microscope attached with Langmuir Trough (Accuirion, Germany)
- iii. Langmuir-Blodgett film deposition instrument (Apex Instruments, India)
- iv. Automatic computer controlled Dip coater (Apex Instruments, India)
- v. Programmable Spin Coater (Apex Instruments, India)
- vi. Vacuum deposition unit (HindHiVac)

Instruments for Characterizations:

- i. Atomic Force Microscope (Inova, Bruker)
- ii. Fluorescence spectrophotometer (Perkin Elmer)
- iii. UV-Vis absorption spectrophotometer (Perkin Elmer)
- iv. UV-Vis absorption spectrophotometer (Shimadzu)
- v. FTIR Spectrophotometer (Perkin Elmer)
- vi. Millipore water purification system (Millipore)
- vii. Keithley source meters (constant current source, nano- voltmeter, I-V source meter)

## Atmospheric Lab.

- i. World Wide Lightning Location Network (WWLLN),
- ii. ENTLN (Earth Network Total Lightning Network),
- iii. Electric Field Monitor (EFM),
- iv. Aethalometer,
- v. Microtops Sun Photometer,
- vi. Automatic Weather Station (AWS),
- vii. GPS Dual Frequency Receiver (GSV 400B),
- viii. LEMI 30 ELF Antena,
- ix. LD-350,
- x. Multi wavelength Radiometer (MWR),
- xi. Radimetrer, SOFTPAl VLF receiver,

10. Ongoing Research Projects in 2015-16:

Principal Investigator	Co- Investigator	Funding Agency	Title of the Project	Total Grant (Rs. in Lakhs)	Grant Received during the year	Tenure
Prof. Barin Kumar De	Dr. Anirban Guha	ISRO	ARFI (Aerosol Radiative Forcing over India)	100 lakhs	15 lakhs	To be continued as long as the ISRO considers the project for North-East
Dr. Anirban Guha	Prof. Barin Kumar De	Society for Applied Microwave Electronics and Engineering Research (SAMEER), under Ministry of Communications and Information Technology, Government of India	Development of a Lightning Detection Network in North-East India	18 lakhs	9 lakhs	2 years
Dr. Anirban Guha	Prof. Barin Kumar De	Indian Space Research Organization (ISRO)	Investigation on the spatio- temporal distribution of clouds and dust storms in Martian atmosphere	1,840,520	72 Thousand 6 hundred	3 years
Dr. S. A. Hussain	-	DST, Govt. of India (2015-2018)	Photo-physical studies of some molecules in solution, bulk and ultrathin films in presence and absence of nano-clay: investigations of fluorescence resonance energy transfer and sensor application	Rs. 30.4 lakhs	23 Lakh	3 years
Ms. Mitu Saha (Woman Scientist) Supervisor: Prof. D. Bhattacharjee	-	(WOSA) DST, Govt. of India (2015-2018)	Investigations of the organizations of Bio-molecules at the air-water interface	Rs. 17 lakhs	6 Lakh	3 years

11. Awards / Medals/ Honours received by the Teachers during the academic year 2015-16:

Name of the	Name of the awards/ Medals/ Honours	Date of the	Awarding	Remarks
Teacher		awards/	Agency/	
		Medals/	Institution	
		Honours		
Dr. S. A. Hussain	Editorial Board Member of Applied Clay Science	-	Elsevier	-
	(Publisher: Elsevier; Impact Factor = 2.701)			
Dr. A Guha	Selected as a Raman Post-Doctoral Fellow from	February,	University Grants	-
	University Grants Commission (UGC), India for the year	2016	Commission	
	2016-2017 to work at the Massachusetts Institute of		(UGC)	
	Technology (MIT), USA under the supervision of Dr.			
	Earle Williams for one year; Broad area of study:			
	Environmental Science and Climate change			
Dr. A Guha	Selected as an Inter Academy Exchange Fellow from	May-June	Indian National	-
	Indian National Science Academy (INSA) to visit Tel	2016	Science	
	Aviv University, Israel, under the supervision of Dr.		Academy (INSA)	
	Colin Price for 21 days in the month of May-June 2016			
Dr. A Guha	Nominated as a sponsored candidate to represent India	11-13th	Non-Aligned and	-
	from the Centre for Science & Technology of	August	other Developing	
	the Non-Aligned and other Developing Countries (NAM	2015	Countries (NAM	
	S&T Centre) New Delhi, to participate at the		S&T Centre)	
	International Symposium entitled 'Strategic		New Delhi	
	Interventions to Mitigate the Hazard of Lightning' in			
	Lusaka, Zambia during 11-13th August 2015			

12. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

12. NO OI Studen		ica iii vai	Tous puon		mation		1 Icaac		1 2013		in the E				
IS	Total			Gen		OBC		SC		ST		PH (C		Minor	rity
of ior												Total)	)		
ne o															
Name of	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
Name of Examinations															
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	4	-	4	2	-	2	-	-	-	-	-	-	-	-	-
GATE	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	_	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

N.B. # No data available to our Department.

13. Details of Student's placement known to the Department:

Name	Sex	Category	Name of the	Designation	Examinatio	Name of the
	(M/F)	(GEN/ST/SC/	Organization/		n Body	Examination
		OBC/MIN)	Dept.			
		Give asterisk				
		* for PWD				
Ms. Joyasree	F	GEN	T.U.	Sr. Tech. Assistant	T.U.	Through
Bhattacharjee						recruitment exam
Dr. Abhijit	M	OBC	T.U.	Assistant Registrar	T.U.	conducted by T.U.
Chowdhury						
Mr. Pranab Dhar	M	GEN	T.U.	Tech. Assistant	T.U.	
Dr. Monti	F	GEN	T.U.	Lab Assitant	T.U.	
Chakraborty						

Every year pass out students get jobs in Govt. and private sector, namely in schools, colleges, T.P.S.C. etc.

<sup>\*</sup>Students opting for Higher Studies with Examination; \*\* Students opting for Higher Studies without Examination.

#### DEPARTMENT OF STATISTICS

Head of the Department : Samrat Hore, Head (i/c)

Year of Establishment : 2011

Programmes on offer : M.Sc, Ph.D. Intake capacity : M.Sc.-16

#### Major Achievements/ Vision of the Department:

The department has started its journey on 2011 offering M.Sc. and Ph.D. from academic session 2012-13. The Integrated Master Degree (IMD) is now offered by the department. During this five year, we have organized regional workshop, and two North East Programmes (Sponsored by Indian Statistical Institute). Student and research scholars of the department also participated several North East Programmes (Sponsored by Indian Statistical Institute) in other states.

1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Prasenjit Sinha	M.Sc., Ph.D.	Assistant Professor	Demography, Official Statistics	Acturial statistics	05	02
Samrat Hore	M.Stat., NET	Assistant Professor	Time Series, Statistical Inference	Optimal Design of Experiments	04	-
Dr. Priyaranjan Dash	M.Sc., PhD.	Assistant Professor(on Lien)	Sample Survey, Linear Models	Sample Survey	10	03

2. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura	Institution affiliated with now/previously (if		
	University	retired)		
Prof . Rabindra Nath Das	Statistical Quality Control	Burdwan University		

3. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)	
01	00	01	

#### DEPARTMENT OF ZOOLOGY

Head of the Department : Prof. B.K. Agarwala

Year of Establishment : 2007

Programmes on offer : M.Sc. in Zoology, Ph. D. in Zoology

Intake capacity : M.Sc.-25

#### Major Achievements/ Vision of the Department:

The Department has achieved the following milestones in research and development during 2015-2016:

- 1. Completed 4 years long inventories of Tripura State for the following animal groups:
  - a. Butterflies 222 species recorded and results published
  - b. Mammals 36 species recorded and results published
  - c. Earthworms 39 species recorded and results published
- 2. A novel population of ladybird beetle (*Micraspis*) species was found from Tripura based on DNA bar coding of mitochondrial gene (COI)
- 3. Distinguishing characters of male and female genitalia were described for the first time of the Giant lady bird beetle (*Anisolemnia dialatata*), an endemic species of south and south-east Asia.
- 4. Spectroscopic analysis of chorionic proteins of egg shell of two grasshopper species was reported.
- 5. Successful induced breeding of *Pabda* and *Chital* fish was established.
- 6. Established melatonin receptors interaction with heat shock protein (hsp70) modulation.
- 7. Extraction of earthworms from their habitats using phytochemicals (*Polygonum hydropiper*)
- 8. Standardization of vermin-composting technology in the conditions of north-east India.

#### 1. Fulltime Faculty Members

Name	Qualification (PG/ MPhil/ Ph.D/ NET, SLETetc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. B. K. Agarwala	M.Sc., Ph.D.	Professor (HAG)	Animal Diversity (non-chordates), Ecology, Entomology, Biosystematics, Ecology & Biodiversity Animal Taxonomy	Taxonomy, Biodiversity, Ecology, and Evolutionary biology of Insects	34.5 years	04
Dr. D. Ghosh	M.Sc., Ph.D.	Professor	Biochemistry, Tools & Techniques in Biology, Parasitology	Insect Physiology and Biology	36.5 years	03
Dr. S. Banik	M.Sc., Ph.D.	Professor	Developmental Biology, Environmental Biology, Limnology, Aquaculture, Fisheries	Aquaculture technology	Research: 33 years Teaching: 26 years	04
Dr. P. S. Chaudhuri	M.Sc., Ph.D	Professor	Animal Diversity (Chordata), Animal Physiology, Endocrinology, Evolution	Earthworm Biology and Ecology	33 years	08
Dr. S. S. Singh	M.Sc., Ph.D.	Assistant Professor	Endocrinology, Cell Biology, Immunology	Endocrino- immunology	Teaching: 6 years Research: 12 years	04

#### 2. Guest Teachers/Contract Teachers:

2. Guest reachers, con	tract reactions.				
Name	Qualification	Courses Taught in	Research area/	No. of years of	No. of years
	(PG/ MPhil /Ph.D/	2015-16	interest	teaching	of research
	NET, SLETetc)			experience	experience
Dr. Animesh Dev	M.Sc., Ph.D.	Genetics	Earthworm ecology	3	5

3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura	Institution affiliated with now/previously	
	University	(if retired)	
Prof. Bishnupada Roy	Parasitology	NEHU, Shillong	

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

## 4.1. Books:

All Authors in	Title	Publishers	Year	ISBN
sequence			(2015-16)	
S. Banik	Fish Reproductive Biology: Fish	Lambert Academic	2016	978-3-659-
	Conservation	Publishing, Berlin		90773-9

4.2. Book Chapters:

All Authors	Title of the Chapter	Book	Name of the	Publishers	Year	ISBN	Page
		Editors	Book		(2015-		No.
					16)		
Laskar, P.,	Role of melatonin in	Haldar, C.,	Animals and	Luminous	2015	9789385149139	34 –
Acharjee, S.,	modulation of its	Ghosh, S.	Alternatives in	Books,			47
Singh, S.S.	receptors expression		Life Science	Varanasi			
	in mice spleen: effect		Research				
	of aging						

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015 -16)	ISSN/DOI	Page No.
Majumder, J., Majumder, K., Bhattacharjee, P.P. and Agarwala, B.K.	Inventory of mammals in protected reserves and natural habitats of Tripura, northeast India with notes on existing threats and new records of Large Footed Mouse-eared Bat and Greater False Vampire Bat.	Check List (Brazil)	11	2015	http://dx.doi.org/10.1 55601/11.1611	1-7
Agarwala, B.K. and Bhattcharjee, P.P.	Redescription of <i>Aristobia</i> reticulator (F., 1781) (Coleoptera: Cerambycidae: Lamiinae), with a taxonomic note and record of a new food plant for adults in northeast India	The Coleopterists Bulletin (USA)	69	2015	http://dx.doi.org/10.1 649/0010-065X- 69.2.205	205– 212
Arpita Shyam Roy and Durgadas Ghosh	Spectroscopic analysis of chorion (eggshell) of two Indian grosshoppers (Orthoptera: Acrididae)	Munis Entomology & Zoology (Turkey)	11	2016	13063022	596 – 612
S Banik & R Roy	Habitat fingerprinting of <i>Chitala chitala</i> (Hamilton-Buchanan, 1822) from Muhuri river of Tripura, India	Res. J. Life Sciences	2	2015	2052-5176	34-42
P Bhattacharya & S Banik	Study of Fecundity of <i>Ompok</i> pabo (Hamilton, 1822) an Endangered Fish Species of Tripura, India	Journal of Fisheries & Livestock Production	3	2016	org/10.4172/2332- 2608.1000153	1-4
Chaudhuri, P.S., Paul, T.K., and Dey, Animesh	Effect of rubber leaf litter vermicompost on earthworm population and yield of pineapple ( <i>Ananus comosus</i> ) in West Tripura, India	International Journal of Recycling of Organic Waste in Agriculture (Springer)	5	2016	10.1007/540093-016- 0120-Z	93-103
Chaudhuri, P.S. and Banik, D.	Cytology and histology of the cerebral neurosecretory system in some tropical earthworm species	Cytology and Histology	6	2015	10.4172/2157- 7099,1000367	1-7

4.4. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/	Vol.	Year (2015	ISSN/DOI	Page No.
Ghate, H.V. and Agarwala, B.K.	A first record of <i>Abryna regispetri</i> Paiva, 1860 (Cerambycidae: Lamiinae: Pteropliini) and its redescription from india	Journal of Threatened Taxa	7	-16) 2015	http://dx.doi. org/10.11609 /jott.1839.7.1 4.8173-8176	8173 - 8176
Lodh, R. and Agarwala, B.K.	Rapid assessment of diversity and conservation of butterflies in Rowa Wildlife Sanctuary: An Indo-Burmese hotspot – Tripura, NE India	Tropical Ecology	57	2016	0564-3295	231- 242
Agarwala, B.K. and Majumder, J.	Life history fitness of giant ladybird predator (Coleoptera: Coccinellidae) of woollyaphids (Hemiptera: Aphididae) in varying prey densities from northeast India	Current Science	110	2016	10.18520/cs/ v110/i3/434- 438	434- 438
S Malla & S Banik	Reproductive biology of an endangered catfish, <i>Ompok bimaculatus</i> (Bloch, 1794) in the lotic water bodies of Tripura, North East India	Int. J. Fisheries & Aquatic St.	2	2015	2347-5129	251- 260
S Malla & S Banik	Length-weight relationship and Condition factor of an endangered catfish, <i>Ompok bimaculatus</i> (Bloch, 1794) of Tripura, India	NeBio: Int. J. Environment & Biodiversity	6	2015	2278-2281 (online version)	13- 17
S Malla & S Banik	Captive Breeding of an endangered catfish, <i>Ompok bimaculatus</i> (Bloch, 1794) of Tripura, India: a step towards Conservation	Ecology Environment & Conservation	21	2015	0971-765X	1909 - 1918
Jamatia, S.K.S. and Chuadhuri, P.S.	Earthworm population of Tea plantation (Camellia sinensis) in Tripura (India)	The Global Journal of Life Science and Research	2	2015	2395 - 115X	173- 185
Chaudhuri, P.S.	How an exotic species appeared in the rubber plantation of Tripura?	VermiCo	8	2015	-	3-4

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Prof. P.S. Chaudhuri	National Seminar on Natural Resources, Diversity and Sustainable Development	11 <sup>th</sup> -13 <sup>th</sup> December 2015	Foundation for Science and Environment, Kolkata and University of North Bengal	Earthwom Technology
Prof. P.S. Chaudhuri	International Symposium on Integrative Physiology and Comparative Endocrinology	12 <sup>th</sup> -14 <sup>th</sup> February 2016	Department of Zoology, B.H.U, Varanasi, India	Cytomorphological alteration in the central nervous system neurosecretory cells of earthworm, <i>Eudrilus eugeniae</i> (Kinberg) during posterior regeneration
Prof. P.S. Chaudhuri	International Conference on Waste Management- Recycle 2016	1 <sup>st</sup> – 2 <sup>nd</sup> April 2016	Waste Management Research Group and Association of Civil Engineers (IIT- Guwahati)	Vermicomposting Technology- A promising tool for Second Green revolution
A. Deb, &S. Sutradhar	International Symposium on Integrative Physiology and Comparative Endocrinology	12 <sup>th</sup> -14 <sup>th</sup> February 2016	Department of Zoology, B.H.U, Varanasi, India	Effect of melatonin on splenocyte proliferation and MT1 and MT2 receptor expression in spleen of experimentally induced hypothyroidic mice

6. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Prof. B.K.	Arunachal	17-18 December,	Rajiv Gandhi University	Alpha and Beta diversity of
Agarwala	Pradesh	2015		butterflies in North East India
Prof. S. Banik	Kolkata	5-9 October	ICAR-Central Institute of	Endangered fish breeding under
		2015	Fisheries Education	Captive condition and their Culture
				technology

Prof. P.S. Chaudhuri	Darjeeling	11 -13 December 2015	Foundation for Science and Environment, Kolkata and University of North Bengal	Earthwom Technology
Prof. P.S. Chaudhuri	Varanasi	12 -14 February 2016	Department of Zoology, B.H.U, Varanasi, India	Cytomorphological alteration in the central nervous system neurosecretory cells of earthworm, <i>Eudrilus eugeniae</i> (Kinberg) during posterior regeneration
Prof. P.S. Chaudhuri	Guwahati	1 – 2 April 2016	Waste Management Research Group and Association of Civil Engineers (IIT- Guwahati)	Vermicomposting Technology- A promising tool for Second Green revolution
Dr. S. S. Singh	Santiniketan	1– 3 October, 2015	Department of Zoology, Visva-Bharati	Role of melatonin receptors in modulation of thyroid function in mice
Dr. S. S. Singh	Varanasi	12 – 14 February, 2016	Department of Zoology, B.H.U.	Effect of melatonin on modulation of MT1 and MT2 receptor proteins expression pattern and thyroid function in mice

7. Ph.D. Scholars registered/Theses submitted/awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of Guide	Registered/Theses
			submitted/ Awarded
Sri S Malla	Ecology, Biology and Aquaculture of <i>Ompok</i>	Prof. S Banik	Awarded
	bimaculatus (Bloch) with reference to the Freshwater		
	Ecosystems of Tripura, India		
Smt S Saha	Biology of two important Ornamental fish species	Prof. S Banik	Theses submitted
	Puntius sophore and		
	Puntius ticto with special reference to their		
	Conservation in Tripura		
Smt P Bhattacharya	Biology of an important and Vulnerable fish species	Prof. S Banik	Theses submitted
	Ompok pabo (Hamilton, 1822) in relation to its		
	Conservation in Tripura, India		
Sri Samik Acharjee	Role of melatonin in modulation of HSP70 expression	Dr. S. S. Singh	Thesis submitted
	and immune function in thermally stressed mice		
Sri Prashanjit Laskar	Modulatory role of melatonin in immuno-endocrine	Dr. S. S. Singh	Thesis submitted
	regulation of thyroid function in mice		

## 8. Outreach Footprint of the Department:

8. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

S1.	Date	Duration	Title	No. of Participants
No.				
1.	26.11.15	11.30AM to 1.00 PM	Tips for writing research paper following ethics	50
2.	26.11.15	2.30PM to 4.00PM	Research trends in snake venom research: My	50
			experience	

8. B. Interaction with Industry/ NGO / Govt. Organization:

S1.	Faculty Names	Name of Industry/	Location of	MoU Signed?	Any Grant	Student
No.		NGO	Industry	(Yes/No)	Received?	Placed?
					(If yes value in	(If yes No.)
					Lakhs)	
1	Prof. B.K. Agarwala	Tripura Biodiversity	Department of	Yes	-	-
		Board	Forests, Govt.			
			of Tripura			
2	Dr. P.S. Chaudhuri	Adarini	Bhati	No	-	-
		Vermicompost and	fatikcherra,			
		Research Centre	West Tripura			

8. C. Membership in Professional / Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Prof. P. S. Chaudhuri	<ol> <li>Society for Reproductive Biology and Comparative Endocrinology</li> <li>International Society of Tropical Ecology, BHU, Varanasi</li> </ol>	1.Life Member 2. Annual Member
Dr. S. S. Singh	Society for Reproductive Biology and Comparative Endocrinology	Life Member

#### 9. Major thrust area of research:

- 1. Insect Taxonomy and Biodiversity
- 2. Conservation of Endangered Fish species of North-East
- 3. Development of Captive breeding technology for Threatened fish species of freshwater habitat.
- 4. Rearing technology in Aquaculture for Enhancing Survival of Cannibalistic fish larvae.
- 5. Insect Biochemistry: Characterization of different ovarian proteins and enzymes of insect origin and molecular phylogeny of Acridids of Tripura.
- 6. Vermitechnology: In soil and ex soil earthworm technology, reproductive biology of earthworm in relation with vermicomposting and vermitechnology.
- 7. Molecular Endocrinology: Study of hormone interactions and immune-modulation.

#### 10. New initiatives/Innovations:

- 1. Inventory of Longhorned beetles of Tripura
- 2. Inventory of Moths of Tripura
- 3. DNA bar coding of butterflies and ladybird beetles of Tripura
- 4. Introduction of e- lectures to the First Semester students, 2015

11. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
7	2	5

#### 11. B. Major Instruments available in the Department:

- 1. Fluorescence Microscope
- 2. Binocular Microscopes with auto zoom and image acquisition facilities
- 3. Thermocycler
- 4. Gel Documentation System
- 5. CO2 Incubator
- 6. Fraction Collector
- 7. Lyophilizer
- 8. High Speed Refrigerated Centrifuge
- 9. Milipore water Ultra-purification system
- 10. Leica microtome

12. On-going Research Projects in 2015-16:

Principal	Co-	Funding Agency	Title of the project	Total	Grant	Tenure
Investigator	Investigator			Grant	received	
				(Rs. in	during the	
				Lakhs)	year	
Prof. B.K.	-	Indian Council of	National Project on Insect	154.60	4.95	September
Agarwala		Agriculture	Biosystematics (since 2007)			2006 to
		Research				March, 2018
-	Prof. D. Ghosh	Department of Biotechnology	Studies on anticancer activities of extracts (Bromelain and Peroxidase) of different pineapple (Ananas comosus) cultivars of Tripura	23.82	-	March 2017
Dr. P.S. Chaudhuri	-	UGC, New Delhi	Ecology of earthworms in pineapple plantation	13.00	4.00	03 years (1 <sup>st</sup> May, 2013 to 31 <sup>st</sup> March, 2016)

13. Awards/Medals/Honours received by the Teachers during the academic year 2015-16:

Name of	Name of	Date of	Awarding	Remarks
Teacher	Awards/Medals/	Awards/Medals/Honours	Agency/Institution	
	Honours			
Prof. S Banik	Silver Jubilee Felicitation	2 October 2015	Tripura University	Felicitation was made on the Occasion of 25 years of service by the recipient
Dr. P.S.	Science Excellence	11 <sup>th</sup> December 2015	Foundation for Science and	
Chaudhuri	Award 2015		Environment, Kolkata and	
			University of North Bengal	

15. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

13. 110 of Students C	5. No of students quantited in various public examinations in the Academic year 2013-10 from the Department.														
sı	Total			Gen		OBC		SC		ST		,	Out of	Minor	rity
e of atior												Total	)		
Name of Examinations	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	1	2	3	1	1	-	1	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

14. Awards/Medals/Honours received by the students during the academic year 2015-16:

1 II TIWaras/IVICaals/I	11. Tiwards Medals, Tronodis received by the stadonts daring the academic year 2015-10.									
Name of Students	Name of	Date of	Awarding	Remarks						
	Awards/Medals/Honours	Awards/Medals/Honours	Agency/Institution							
Students of IV	'Udbhas'- Inter-Departmental	April 2016	Tripura University	Annual Function						
Semester 2016	Competition in Theatre			of the University						

#### B. VOC IN FILM AND VIDEO PRODUCTION

Head / Coordinator : Prof. R. K. Nath (Coordinator), Dr. Deepak Upadhyaya (Asst. Coordinator)

Year of Establishment : 2015

Programmes on offer : **B. Voc in Film and Video Production** 

Intake capacity : 30

#### Major Achievements/ Vision:

The B. Voc Film and Video Production course was launched in the year 2015. It is a skill based course. This course is equivalent to a bachelor's degree. The course is approved by the UGC and National Skill Development Corporation (NSDC). Media and Entertainment Skill Council (MESC) is the sector skill council for this programme. The course is designed to impart hands-on training to students in the field of film making and video production. The course structure emphasizes on both theoretical and practical aspects of film and video production. The primary goal of the course is to prepare skilled personnel by providing them with the desired level of competence required to get an entry to film industries. Moreover, students can opt for higher studies in film production and appreciation courses such as, film studies, once they complete their B.Voc degree. In addition, the course is very flexible in nature with multiple points of entry and exits. Students can opt out of this course after completion of one year of joining, with a Diploma in Film and Video Production. Those who opt out after completing two years will be awarded with an Advanced Diploma in Film and Video Production, and only after the completion of three years, the students will be awarded with B. Voc in Film and Video Production which is equivalent to a bachelor degree. Along with this, the students are also certified by the Media and Entertainment Skill Council for various Qualification Packs (QPs) with their associative job roles for getting employment in the media and entertainment sectors. This year, a good number of students have qualified for the QP-Script Researcher. The assessment test for Script Researcher was conducted by Media and Entertainment Skill Council (MESC) and B.Voc film and Video Production in Tripura University campus on 21st June 2016. Course Objectives:

- To prepare the students to undertake film making as a profession and source of employment.
- To provide hands on training to the students with the art of film making.
- To impart skills those are necessary to get an entry to film industries.
- To establish a liaison among academia, industry, and institutions engaged in this profession through industrial training and institutional collaborations.

#### 1. Guest Teachers/Contract Teachers:

Name	Qualification (PG/MPhil/Ph.D/ NET,SLETetc)	Courses Taught in 2015-16	Research area/ interest	No. of years of teaching experience	No. of years of research experience
Dr. Ashes Kumar Nayak Assistant Professor (Contract)	M.A Mass Communication and Journalism, NET, Ph.D	Introduction to Script and Creative Writing, Concept of Video Production, Camera Composition and Lighting Techniques, Communication Skill	Media Literacy, Media Culture, Media and Society, Alternative Media, Critical Pedagogy, Critical Theory of Media	02	03
Mr. Swarup Nandi	B.Tech, M.Tech(CSE)	Basics of Computer	Data Communication and Computer Networks, Digital Electronics and Microprocessors	10	03
Mr. Rajat Deb	M.Com. (Accounting), MBA (Finance), UGC-NET	Concept of Business	Accounting, Finance & Tax Planning	09	05

- 2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:
- 3. Details of publications not reported in category2:

#### 3.1. Book Chapters:

All Authors	Title of the Chapter	Book	Name of the	Publishers	Year	ISBN	Page
		Editors	Book		(2015-		No.
					16)		
Ashes Kr.	A Critical Pedagogy for	K. V.	Quality	Media Analysis	2016	978-	108-
Nayak	Media Education in	Nagaraj	Configuration	and Research		81931876-	118
•	India: The Opportunities		of Media	Centre, Kozhikod,		0-9	
	Missed and Challenges		Education	Kerala			
	Ahead		India				

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

organized by institutions, rigeneres other than impara on versity without paoneations of ran paper. (Maximum i per								
Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented				
Dr. Ashes Kumar Nayak	Quality Configuration of Media Education in India: Exploring the Prime	2 <sup>nd</sup> and 3 <sup>rd</sup> November 2015	Assam Don Bosco University, Mizoram University	A Critical Pedagogy for Media Education in India: The Opportunities Missed and				
	Parameters			Challenges Ahead				

## 5. Outreach Footprint of the Department:

5. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of Participants
No.				
1.	07/12/2015	7days	Film Making Workshop	27
2.	10/03/2016	10 days	Practical Workshop, Script Writing, Audio-Video Mixing,	20
			Cinematography	

5. B. Interaction with Industry/ NGO/ Govt. Organization:

S1.	Faculty Names	Name of Industry/ NGO	Location of	MOU	Any Grant	Student
No.			Industry	Signed?	Received?	Placed?
				(Yes/No)	(If yes value	(If yes No.)
					in Lakhs)	
1	Coordinator B.Voc.	Media and Entertainment Skill	New Delhi	Yes	No	No
		Council (MESC)				
2	Coordinator B.Voc.	National Skill Development	New Delhi	Yes	No	No
		Council (NSDC)				
3	Coordinator B.Voc.	Films Division, MIB, India	Kolkata	No	No	No
4	Coordinator B.Voc.	DD Agartala	Agartala	No	No	No

6. Awards/Medals/Honours received by the students during the academic year 2015-16:

Name of Students	Name of	Date of	Awarding	Remarks
	Awards/Medals/Honours	Awards/Medals/Honours	Agency/Institution	
Ms. Dalia Debnath	Best Director (For Short Film	03/06/2016	Rupashi Binodan, Agartala	
	Darkness)			

#### B. VOC IN RUBBER TECHNOLOGY

Head /Coordinator : Prof. R. K. Nath

Year of Establishment : 2015

Programmes on offer : **B. Voc in Rubber Technology** 

Intake capacity : 30

#### Major Achievements/ Vision:

The B. Voc Rubber Technology program has been launched by Tripura University in 2015. It is an application oriented skill based program. This course is equivalent to a bachelor degree. The course has been started by National Skill Development Council (NSDC) and is organized by Rubber Skill Development Council (RSDC).

It is designed to impart hands-on training to students starting from latex collection, preservation, rubber sheet preparation to the testing of latex, rubbers, and chemicals related to rubber industry. The course emphasizes on both theoretical and practical aspects of rubber technology. The primary objective of the course is to prepare skilled personnel by providing them with the desired level of competencies required to get an entry into rubber and related industries.

Moreover, students can opt for higher studies in Rubber and Polymer Technology and in allied branches like, Materials Science, Paints, Adhesive Technology, and Nano Technology after completion of this course.

In addition, the course is very flexible. Students can opt out of the course after completion of one year of joining, with a Diploma in Rubber Technology. Those who opt out after completing two years will be awarded with an "Advanced Diploma in Rubber Technology" and after the completion of three years, the students would be awarded with B. Voc in Rubber Technology which is equivalent to a bachelor degree.

#### Course Objectives:

- To prepare the students to undertake Polymer Science and Rubber Technology as a profession and source of employment.
- To provide hands on training to the students with the art of rubber production and processing techniques.
- To impart skills which are necessary to get an entry to Rubber and Polymer industry.
- To establish a liaison between academia, industry, and institutions engaged in this profession through industrial training and institutional collaborations (MoUs).

#### 1. Guest Teachers/Contract Teachers:

Name	Qualification	Courses Taught in	Research area/ interest	No. of years	No. of years
	(PG/MPhil/ Ph.D/	2015-16		of teaching	of research
	NET, SLET etc)			experience	experience
Dr. Bishnu	M. Tech (Rubber	Basics of Rubber	Synthesis of conducting and non-	01	05
Prasad	Technology),		conducting polymers and their		
Koiry	Ph. D (Polymer		composites using different		
	Science)		techniques.		
			Synthesis of polyacrylates for		
			self-cleaning and anti-fouling		
			coatings application		
Dr. S. K.	M. Sc. (Botany)	Latex Collection	Photosynthesis, Latex harvesting	01	30
Dey	Ph. D	and Preservation	technology and production		
			physiology in rubber		
Dr. D.	M. Sc.	Soil Chemistry for	Soil chemistry, Nutrient	03	30
Mandal	Ph. D. (Chemistry)	Rubber and Soil	Management &		
		Testing: Lab	Ecological study		
Dr. D. Ray	M. Sc. (Agri.)	Basics of Rubber:	Crop physiology,	03	20
	Ph. D	Plantation	Ecology		
			and		
			Climate change		
Mr. B.	M. Sc. (Agronomy)	Latex Coagulation	Development of cropping system,	01	09
Dutta		and Sheet	Soil & Water conservation,		
		Preparation	Development of location specific		
			agri-management practices		
Dr. A.	MA Mass	Communication	Media Literacy	02	03
Nayak	Communication and	Skill			
	Journalism, Ph.D				
	Mass				
	Communication,				
	UGC NET				
Mr. Swarup	B.Tech,	Basics of Computer	Data Communication and	10	03
Nandi	M.Tech(CSE)		Computer Networks, Digital		
			Electronics and Microprocessors		

Mr. Rajat	M.Com.	Concept of	Accounting, Finance & Tax	09	05
Deb	(Accounting), MBA	Business	Planning		
	(Finance), UGC-		_		
	NET				

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

2.1. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page
		Journal/		(2015-		No.
		Magazine		16)		
Bishnu	Syntheses and	Journal of	189	2016	10.1016/j.jfluc	51-58
PrasadKoiry*;Siva	morphologies of	Fluorine			hem.2016.06.	
Ponnupandian;	fluorinated diblock	Chemistry			021	
Soumyadip Choudhury;	copolymer prepared via					
Nikhil K. Singha	RAFT polymerization					

## 3. Outreach Footprint of the Department:

3. A. Interaction with Industry/ NGO/ Govt. Organization:

Sl.	Faculty	Name of Industry/ NGO	Location of	MOU Signed?	Any Grant	Student
No.	Names	_	Industry	(Yes/No)	Received?	Placed?
					(If yes value	(If yes
					in Lakhs)	No.)
1	Coordinator	Rubber Research Institute of	Kottayam,	Yes	NIL	No
	B. Voc.	India (RRII)	Kerala	(Dated 12 <sup>th</sup> Nov 2015)		
2	Coordinator	National Skill Development	New Delhi	Yes, 2015	NIL	No
	B. Voc.	Council (NSDC)				
3	Coordinator	Rubber Skill Development	New Delhi	Yes	NIL	No
	B. Voc.	Council (RSDC)		(Dated 30 <sup>th</sup> Sept 2015)		
4	Coordinator	All India Rubber Industries	Mumbai	Awaited	NIL	No
	B. Voc.	Association (AIRIA)				
5	Coordinator	All India Tyre Manufacturing	New Delhi	A/F	NIL	No
	B. Voc.	Association (ATMA)				

3. B. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership	
Dr. Bishnu Prasad Koiry	The Society for Polymer Science, India (SPSI)	Life Member	

## INTERGRATED MASTERS DEGREE PROGRAMME

Head/Coordinator : Prof. R.N. Dutta Purkayastha

Year of Establishment : 2012 Intake capacity : 125

#### Major Achievements/ Vision:

In pursuance of the UGC's recommendations on reforms in higher education, Tripura University has introduced the Integrated Masters Degree Programme in the Humanities and Social Science disciplines, Mathematics, and Computer Applications. The programme solicits scholars fresh out of their Higher Secondary or plus two programme ready to pursue a career in the general degree courses of the university, but with the aim of developing basic research skills in higher education. The course structure and the subject combinations offered through the semester pattern of examinations aim at preparing undergraduate students both for competitive examinations at various levels, as well as for equipping them with all necessary databases enabling a smooth entry into higher academics. Project based group work as well as dissertation writing introduced at multiple levels during the programme aim at orienting young minds towards creative self expression and developing analytical skills, transcending conventional rote learning. It is expected that our university, through the introduction of this programme, will be able to promote holistic education in the true spirit of the institution's motto – the pursuit of excellence.

#### 1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/Ph.D/ NET,SLETetc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Prof. R.N. Dutta Purkayastha	M.Sc. Ph. D	Coordinator	-	-	28	-
Dr. Arup Jyoti Sarma	M.A. Ph. D	Assistant Coordinator	-	-	-	-
Dr. Souvik Bhattacharya	M. Sc. Ph. D	Assistant Coordinator	-	-	-	-

# CENTRE FOR BAMBOO CULTIVATION AND RESOURCES UTILIZATION (BCRU)

Programme Coordinator : Prof.Ajoy Krishna Saha

Year of Establishment : 2006

Programmes on offer : Post Graduate Diploma (PGD) in Bamboo Cultivation and Resources

**Utilization (BCRU)** 

Intake capacity : 20 seats

#### Major Achievements / Vision of the Centre:

The Centre for Bamboo Cultivation & Resource Utilization was established in 2006 with financial support from National Council of Rural Institutes, MHRD, Govt. of India and Tripura University. The vision of the centre is to motivate and impart knowledge and skill on bamboo curriculum to students of Northeast India. One year PGD course of two semesters at the centre is a unique endeavour of its kind for generation of self–employment to youths of this region and also promote local traditions of bamboo handicrafts. The centre also offers an elective paper of two credits to main streams of Arts, Commerce, and Science students of this University. BCRU centre has also developed a bambusetum (Bamboo Garden) rich with 31 species of Northeast India to promote research and development in bamboo cultivation and germplasm conservation.

#### Guest Teachers/Contract Teachers:

Name	Qualification (PG/MPhil/Ph.D/ NET, SLET etc)	Courses Taught in 2015-16	Research area/interest	No. of years of teaching experience	No. of years of research experience
Dr. Koushik Majumdar	Ph.D	Bamboo Biodiversity and Resources, Bamboo Management	Forest Ecology and Conservation Biology	3 years	5 years

2. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in Tripura	Institution affiliated with now/previously (if
	University	retired)
Prof. S. Sinha	Cytogenetics	Department of Botany, Tripura University
Prof. R. K. Sinha	Cytogenetics & Plant Tissue Culture	Department of Botany, Tripura University
Prof. B. K. Datta	Plant Taxonomy & Ecology	Department of Botany, Tripura University
Prof. A. K. Saha	Mycology and Plant Pathology	Department of Botany, Tripura University
Dr. S. Basu	Cell Biology	Department of Botany, Tripura University
Dr. P. Das	Microbiology	Department of Botany, Tripura University
Dr. Saptarshi Mitra	Remote Sensing and GIS	Department of Geography and Disaster
		Management, Tripura University
Dr. J. Choudhury	Rural Entrepreneurship, Capacity Building,	Department of Rural Management and
	Local Self Government	Development, Tripura University
Dr. Kanika Karmakar	Bamboo Propagation	Department of Microbiology, Tripura
		University
Dr. A. Kant	Bamboo Technology, Bamboo Design and	Bamboo and Cane Development Institute
	Product Development	(BCDI), Govt. of India

#### 3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

3.1. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the	Volume	Year	ISSN/DOI	Page
		Journal/		(2015-		No.
		Magazine		16)		
Majumdar K,	Effects of patch size and disturbances on	Journal of	13	2016	1993-0321 /	1397-
Datta B K.	diversity and structural traits of tropical semi-	Mountain			10.1007/	1410
	evergreen forests in the part of Eastern	Science			s11629-015-	
	Himalaya Region: implication for				3686-4	
	conservation of some globally threatened					
	trees					
Majumdar K,	Changes of woody species diversity,	Journal of	27	2016	1993-0607/	787-
Choudhury B	horizontal and vertical distribution of stems	Forestry			10.1007/	798
K, Datta B K.	across interior to outside within a primate	Research			s11676-016-	
	rich habitat of Northeast India				0231-4	
Majumdar K,	Vegetation composition, population and	Zoology and	26	2016	2165-8013/	63-73
Datta B K.	distribution status of trees used by two	Ecology			10.1080/216	
	threatened fruit bat species in degraded				58005.2016.1	
	habitats of Northeast India				148978	

Majumdar K,	Cachar tropical semi-evergreen forest type of	Proceedings	5	2015	2220-8860	104-
Datta B K.	Northeast India: status of species diversity,	of the				127
	distribution and population structure	International				
		Academy of				
		Ecology and				
		Environmen				
		tal Sciences				
Majumder J.,	Inventory of mammals in protected reserves	Check	11	2015	1809-127X/	1-11
Majumdar K.,	and natural habitats of Tripura, northeast	List:Journal			10.	
Bhattacharjee	India with notes on existing threats and new	of species			15560/11.2.1	
P. P., and	records of Large Footed Mouse-eared Bat and	lists and			611	
Agarwala B. K.	Greater False Vampire Bat.	distribution				
Majumdar K,	Effects of anthropogenic disturbances over	Chinese	13	2015	2325-4262/	332-
Datta B K.	the vegetation diversity and structure: a case	Journal of			10.1080/100	340
	study in the remnant forests surrounding the	Population,			42857.	
	village ecosystems of Tripura, Northeast	Resources			2015.105979	
	India	and			1	
		Environment				

3.2. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015-	ISSN/DOI	Page No.
		Wagazine		16)		140.
Majumdar K, A	Bamboo invasion:	Current Science	108	2015	0011-3891	1969-
J Nath, B K Data	threat to primate					1971
and A K Gupta	conservation in North					
	East India.					

## 4. Outreach Footprint of the Centre:

'Skill Development Programme' through hands-on training in bamboo technology, handicraft products designing and bamboo propagation for entrepreneurship and self-employment of under privileged rural people of Tripura.

4. A. Interaction with Industry/ NGO/ Govt. Organization:

Sl. No.	Faculty Names	Name of Industry/ NGO	Location of	MOU	Any Grant	Student
			Industry	Signed?	Received?	Placed?
				(Yes/No)	(If yes value in	(If yes No.)
					Lakhs)	
1	Centre for BCRU	Forest Department,	Agartala	No	-	Yes
		Govt. of Tripura				
2	Centre for BCRU	BCDI, Govt. of India	Agartala	Yes	-	Yes
3	Centre for BCRU	JICA Project, Tripura	Agartala	No	-	Yes
4	Centre for BCRU	Tripura Biodiversity	Agartala	No	-	Yes
		Board (TBB),				
5	Centre for BCRU	Medicinal Plant Board	Agartala	No	-	Yes
		of Tripura (MPBT)				

4. B. Membership in Professional/ Learned Societies:

Faculty/ Scholar Name	Name of Society	Grade of Membership
Dr. Koushik Majumdar	A World Directory of Bamboo Researchers- Bamboo	Member - Technical Support Group
	Information Center (BIC), India under Bamboo	(BTSG) -South Zone
	http://www.bicindia.org/researchers.php	
Dr. Koushik Majumdar	Tripura Biodiversity Board (TBB)	Member - Thematic Expert Committee
		for Traditional Knowledge (TK) and
		Intellectual Property Right (IPR)

4.C. Orientation/ Refresher/ Faculty Development Courses attended by Faculty members:

Name	Course attended	Location	Duration	Date
Dr. Koushik Majumdar	"Hands on Training of Biological Practical Exercise of TBSE Curriculum"	Department of Botany, Tripura University	5 days	October 5th to 9th, 2015

- 5. Major thrust area of research: Bamboo diversity, Macro and Micro propagation, Forest Ecology, Bamboo Crafting and Product Designing
- 6. New initiatives/Innovations:
  - 1. Introduction of PGD-BCRU Elective Paper (Code 819E), Bamboo Products and Value Addition
  - 2. A MoU will be signed in between BCRU Tripura University and Department of Forest, Govt. of Tripura
  - 3. A proposed workshop on "Bamboo Resource Management" will be held in BCRU, sponsored by Tripura JICA Project
  - 4. A proposal for setting up a 'Bamboo Craft Museum' in the university to promote bamboo handicraft designing and entrepreneurship

7. A. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
4	2	1(Workshop)

7. B.Major Instruments available in the Centre: GPS, High Precision Balance, Spectrophotometer. Bamboo Stick Polishing Machine, Bamboo Knot Removing and Silver Making Machine, Bamboo Cutting Machine, Bamboo impact splitting machine, GIS laboratory and Projector facilities, other minor bamboo crafting and nursery tools etc.

8. On-going Research Projects in 2015-16:

Principal	Co-	Funding	Title of the project	Total Grant	Grant received	Tenure
Investigator	Investigator	Agency		(Rs. in Lakhs)	during the year	
					(Rs. in Lakhs)	
Dr. Koushik	Prof. B K	Tripura	Ecological assessment of	2.84 Lakhs	2.84 Lakhs	-
Majumdar	Datta	Biodiversity	western hoolock gibbon's	Sanctioned No.		
		Board	habitats, preferred foraging	F.24 (12-		
		(TBB),	plants diversity and status	19)/For-		
			in Tripura, Northeast India	TBB/20133-		
				14/6402-03		

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#### CENTRE FOR THE STUDY OF SOCIAL EXCLUSION & INCLUSIVE POLICY

Head /Director : Prof. K. N. Jena

Year of Establishment : 2008

Programmes on offer : Post Gradate Diploma in Tribal & Ethnic Study (PGDTES) &

Ph, D. (in Social Exclusion and Inclusive Policy).

Intake capacity : PG Diploma-20

#### Major achievements/ Vision of the centre:

The vision of this teaching-cum-research centre is to pursue the Indian constitutional objective. The centre is working for developing the an understanding the nature, extent, and forms of social exclusion, discriminations at an empirical level and formulating policies for protecting the rights of marginalized section people like ST,SC,OBC and minorities. The centre is a pioneer in introducing PGDTES course in NE region. The activities of the centre are well appreciated by UGC-NAAC, ICSSR-MHRD of the Govt. of India.

1. Fulltime Faculty Members :

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/job experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Rajesh Chatterjee	M.A., PhD (Rural Development)	Asst. Professor- cum- Assistant Director	-	Rural Institution & Extension Education	09 Years	03
Dr. Nanigopal Debnath	M.Sc., PhD (Economics)	Asst. Professor- cum- Assistant Director	Tribal Development, Social Exclusion & Inclusive Policy and Research Methodology	Population Study, Tribal Development and Social Exclusion & Inclusive Policy	18 years	02

2. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

#### 2.1. Books:

All Authors in sequence	Title	Publishers	Year (2015-16)	ISBN
Nanigopal Debnath	Social Exclusion: Causes and Consequences	Akansha Publising House, New Delhi-110002	2016	978-81-8370- 458-8

3. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr. Rajesh	Jainism and the Jaina-	8 - 10 Feb,	AIDJHPO, New Delhi, & Dept.	Jainism and Social Inclusion: An
Chatterjee	Culture in Eastern India	2016	of History Assam University	Outline

4. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Dr. Rajesh	Tripura, Agartala	22.3.16	RUDSETI, Agartala	Entrepreneurial competencies explanation with
Chatterjee				examples
	Tripura, Agartala	21.02.16	RUDSETI, Agartala	Internalizing of entrepreneur competencies,
				thematic appreciation test
	Tripura, Agartala	31st Aug,	VHAT, TRIPURA	"Entrepreneurship, Funding Institutions &
		2015		MNCs"

5. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of Scholars	Research topic	Name of	Registered/Theses
		Guide	submitted/ Awarded
Mr. Amit Kr. Deb	Status of Rural Entrepreneurship: The Case of	Dr. Rajesh	Registered
	Tripura	Chatterjee	
Sri Pankaj Chakraborty	Decentralization, Panchayat Samiti and	Prof. K N Jena	Registered
-	Development Planning: A case study of Tripura		(Public Seminar completed)

Sri C. P. Mina	Violation and Protection of Human Rights and	Prof. K N Jena	Registered
	Role of Security Forces		

#### 6. Outreach Footprint of the Department:

6. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Duration	Title	No. of Participants
1.	15 <sup>th</sup> April, 2016	One Day	Life and Philosophy of Dr. Br. R. Ambedkar	50

6. B. Participation in E-Content creation programmes such as e-PG Pathshala, NME-ICT, MOOCs:

Sl. No.	Faculty Names	Title of E-Content	No. of Hours	Available or Not
1.	Dr. Nanigopal Debnath	Human Rights: Instruments of	600	Available
	Dr. Rajesh Chatterjee	Social Inclusion		

6. C. Interaction with Industry/ NGO / Govt. Organization:

~-	_ , ,,	27 27 4		3.5033.01	. ~	~ .
Sl.	Faculty Names	Name of Industry/	Location of	MOU Signed?	Any Grant	Student
No.		NGO	Industry	(Yes/No)	Received? (If yes	Placed?
					value in Lakhs)	(If yes No.)
1.	Dr. Rajesh Chatterjee	ONGC-Agartala	Agartala	No	2.95 Lakhs	No

#### 7. Major thrust area of research:

Social Exclusion & Inclusion, Rural Institutions / Rural Infrastructure / Rural Entrepreneurship

#### 8. New initiatives/Innovations:

Started collaboration with allied companies like ONGC etc. for research, seminar, training programme and extension activities.

9. On-going Research Projects in 2015-16:

Principal		Funding	Title of the project	Total Grant	Grant	Tenure
Investigator	Co-	Agency		(Rs. in	received	
	Investigator			Lakhs)	during the	
					year	
Dr. Rajesh	Dr. A	DEAR,	Assessment of Impact of Rural	Rs.	Rs.	08
Chatterjee	Mahato,	NABARD,	Infrastructure and Services vis-a-vis	11,23,600/-	7,50,000/-	Months
	Dr. D.	Mumbai	Regional Disparities impairing Socio-			
	Mukherjee		Economic Growth: An Analytical			
	(Consultant)		Study over Tripura			
Dr. Rajesh	Dr. D.	ICSSR,	Assessment of Influencing Factors	Rs.	-	1.5 yrs
Chatterjee	Mukherjee	New Delhi	Distressing Rural Micro-	3,00,000/-		
			Entrepreneurship Growth of Tripura			
Dr. Rajesh	Dr. A	ONGC-	NGO Management &	Rs.	Rs.	2 yrs
Chatterjee	Mahato	Agartala	Entrepreneurship Development	2,95,000/-	2,35,000/-	

#### 10. No of students qualified in various public examinations in the Academic year 2015-16 from the Department:

Name of Examinations		Total		G	en	OI	ВС	S	С	S	Т	PH (C	Out of tal)	Mine	ority
Nar Exami	M	F	Total	M	F	M	F	M	F	M	F	M	F	M	F
NET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLET	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GATE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPSC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPSC	3	-	3	1	-	-	-	1	-	1	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWT*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWO**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>\*</sup>Students Opting for Higher Studies With Examination; \*\*Students Opting for Higher Studies Without Examination.

11. Details of Student's Placement known to the Department:

Name	Sex	Category	Name of the	Designation	Examination	Name of the
	M/F	(GEN/ ST/SC/	Organization/Dept.		Body	Examination
		OBC/MIN)				
		[give asterisk *				
		for PwD]				
Nily DebBarma	F	ST	Health & Family	Research	Walking	-
			Welfare, Govt. of	Assistant	Interview	
			Tripura			
Madhuri Majumdar	F	OBC	do	do	do	-
Sambhu Ch. Roy	M	Gen	MsDP, Govt. India	Master	do	-
				Trainer		
Abhijit Ghosh	M	OBC	MsDP, Govt. India	Master	do	-
				Trainer		
Subrata Ghosh	M	OBC	Warden	NIT, Agartala	do	-
Raja Banik	M	Gen	News Reader	Doordarshan	do	-





#### WOMEN'S STUDIES CENTRE

Director : Prof. Chandrika Basu Majumder

Year of Establishment : 2011

#### Major Achievements/ Vision of the centre:

The Women's Studies Centre, Tripura University is a UGC sponsored scheme, established in the year 2011. In order to fulfil the criteria of phase I, Women's Studies Centre, Tripura University followed the guide lines of Development of Women's Studies in Indian Universities and Colleges, in the eleventh plan of UGC. Following the guidelines of UGC, Women's Studies Centre, Tripura University has extensively worked on independent research, legal advocacy, documentation, training and extension programme. Through its activities, the centre has tried to generate awareness about the role of women in society and civilization as a whole, by conducting various seminars, workshops and interaction programmes, the centre assess women's contribution to the social processes and find out women's own perception of their lives, the broader social reality and their struggles and aspirations. Within its research activities, WSC attempt to assess the roots and structures of inequality in the society and facilitate research in areas relating to women and gender studies with special emphasis on issues related to women in Tripura. Engaged in carrying out these activities, the centre is now empowered to act as full-fledged research centre. We hope, the centre will contribute to the visibility of women's issues and open the avenues for a dialogue in multi-disciplinary collaboration in research and teaching. As the centre has successfully fulfilled the allotted activities of phase – I, the university is looking forward to accumulate the experience of 2<sup>nd</sup> phase. The centre will serve as nodal centre for teaching, research and documentation in the field of Women's Studies in the State. Hence, the centre has stepped forward to run its *Post Graduate Diploma in Women's Studies* from the Academic Session 2016-2017.

1. Fulltime Faculty Members

Name	Qualification (PG/MPhil/ Ph.D/ NET, SLET etc)	Designation	Courses taught in 2015-16	Research area	No. of years of Teaching/ Research/ job experience	No. of existing Ph.D. Scholars under his/her supervision
Prof. Chandrika Basu Majumder	M.Phil, Ph.D.	Professor	Constitution of India, Human Rights	Gender Studies, Human Rights	Thirty three	Eight

#### 3. Guest Teachers/Contract Teachers:

Name	Qualification (PG/MPhil/Ph. D/ NET, SLET etc)	Courses Taught in 2015-16	Research area/interest	No. of years of teaching experience	No. of years of research experience
Dr. Mahuya Roy Karmakar	M.Phil, Ph.D	-	Human Rights, Women's Rights	1 year 4 months	8 years
Mr. Ashim Shil	PG in Gender Studies/ NET/ Ph.D persuing	-	Gender Issues/ Feminist Theories etc.	-	5 years

- 3. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:
- 3.1. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of	Volume	Year	ISSN/DOI	Page
		the Journal/		(2015-16)		No.
		Magazine				
Chandrika Basu	Gender and property rights	Daughter	Vol 1,	June-	2394-241X	Page
Majumder		of Nation		August		21
				2015		
Ashim Shil& Chandrika	"An Analytical Study on Poverty"	Daughter	Vol-2	Sept' –	2394-241X	Page-
Basu Majumder	from GenderPerspective"	of Nation		Nov 2015		12

4. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person)

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Prof. Chandrika	Acted as a Chairperson in	24 <sup>th</sup> June,	ICFAI	Theme: Women Empowerment,
Basu Majumder	Technical Session	2016	University,	Panchayat Raj and Constitution
			Tripura	
Prof. Chandrika	Workshop on 'Status of Women	26 <sup>th</sup> -27 <sup>th</sup>	Tezpur Central	Status of Women's Studies in
Basu Majumder	in North East India"	Nov'16	University	Tripura
Prof. Chandrika	Workshop Cum Panel Discussion	27-02-16	MBB College,	Resource Person of the above
Basu Majumder	on Women Property Rights: Past		Agartala	said Programme
	and Present			
Prof. Chandrika	Celebration of International	07-03-16	Reserve Bank of	Speaker in the Panel Discussion
Basu Majumder	Women's Day		India, Agartala	
			Branch	

5. Invited Talks Delivered by faculty/ Guest Faculty in any Colloquium/ Seminar/ Workshop/ Summer or Winter School etc.:

Name	Place	Date	Organization	Title of Invited talk
Prof. Chandrika Basu	Agartala,	30-03-16	Ramthakur College,	Role of Education in women
Majumder	Tripura		Agartala	empowerment
Prof. Chandrika Basu	Eklavya	19 <sup>th</sup> -20 <sup>th</sup>	Rashtriya Sanskrit	Skill Development Programme: A
Majumder	Campus,	March,2016	Santahn ( Deemed	Talk on Fundamental Rights and
	Agartala,		University)	Duties in India
	Tripura			
Prof. Chandrika Basu	Pragna Bhawan,	28-07-15	Directorate of Social	'Implementation of Laws enacted for
Majumder	Agartala		Welfare and Social	Women's right in property including
			Education, Agartala	Tribal Women as a means of
			_	Empowerment'
Ashim Shil	Agartala	23-04-16	Prasar Vharati Agartala	Ambedkar and Women
	Dordarshan,			
	Agartala			

6. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2015-16:

Name of	Research topic	Name of Guide	Registered/ Theses
Scholars			submitted/ Awarded
Ashis Das	"The Mog Community of Tripura: A Study of	Prof. Chandrika Basu	Registered
	Customary Laws and Traditional Village	Majumder	
	Administration"		
Prabir Datta	"Democratic Decentralisation and implementation of	Prof. Chandrika Basu	Thesis submitted
	the 74 <sup>th</sup> Constitutional Amendment Act in Tripura"	Majumder	

## 7. Outreach Footprint of the Department:

7. A. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl.	Date	Duration	Title	No. of Participants
No.				
1	08/03/2016	1 Day	Observation of International Women's Day 2016	-
2	29/03/16 & 30/03/16	2 Day	A Two Day Legal Awareness Programme	100
3	05/04/16	1 Day	Gender Sensitization Programme on Anti-Sexual Harassment in Institutional Setup	50

7. B. Interaction with Industry/ NGO/ Govt. Organization:

71211	interaction with industr	ty 1100 001t. Organization.				
S1.	Faculty Names	Name of Industry/ NGO	Location of	MOU	Any Grant	Student
No.			Industry	Signed?	Received?	Placed?
				(Yes/No)	(If yes value	(If yes
					in Lakhs)	No.)
1	Prof. Chandrika	Tripura Commission for Women	Agartala,	NO	-	NO
	Basu Majumder,		Tripura			
	Dr. Mahuya Roy					
	Karmakar, Mr.					
	Ashim Shil					

2	Prof. Chandrika	Chetana Institute for Women's Studies	Agartala,	NO	-	NO
	Basu Majumder,		Tripura			
	Mr. AshimShil					
3	Mr. AshimShil	RGNIYD	Tamil Nadu	NO	-	NO
4	Prof. Chandrika	Tripura Legal Service Authority	Agartala,	NO	-	NO
	Basu Majumder,		Tripura			
	Mr. AshimShil					
5	Prof. Chandrika	Manabi Social Organisation	Agartala	NO	-	NO
	Basu Majumder,					
	Mr. AshimShil					

8. A. Major Instruments available in the Department:	
Projector (1), Computer (2), Laptop (1), Printer (1)	

#### DIRECTORATE OF DISTANCE EDUCATION

Director (i/c) : **Dr. K.B. Jamatia** 

Year of Establishment : 1996

Programmes on offer : 1. MA Programme in Political Science

2. MA Programme in Education3. MA Programme in Bengali

4. BA Programme

5. Certificate Course in Human Rights

6. B. Ed Programme.

Intake capacity : 1. MA Programme in Political Science

2. MA Programme in Education
3. MA Programme in Bengali
4. BA Programme
400
(No Limit)

- 400

5. Certificate Course in Human Rights - 20 6.B. Ed Programme - 200

#### Major Achievements/ Vision:

The Directorate of Distance Education (DDE) was established in 1996 to impart higher education through the distance mode with multi-media approach. As non-formal supplementary mode of education, distance education differs from the conventional formal system in its objective to reach the unreached, to include the excluded. Tripura University has consistently been promoting distance education in accordance with the guidelines of the Distance Education Bureau (DEB), UGC, New Delhi to cater to the needs of -

- 1. Students who discontinue their formal education owing to pecuniary and other circumstances.
- 2. Students living in geographically remote areas of the state.
- 3. Students who discontinue their education because of lack of aptitude and motivation but become motivated a later stage.
- 4. In-service persons, housewives, etc.

At present, there are more than 6000 students studying under the Directorate of Distance Education (DDE). This figure is by itself indicative of the popularity and reliability of the Directorate of Distance Education, Tripura University, amongst the common masses in general and the students of Tripura in particular.

#### Fulltime Faculty Members

Name	Qualification	Designation	Courses taught	Research	No. of years of	No. of existing
	(PG/MPhil/		in 2015-16	area	Teaching/	Ph.D. Scholars
	Ph.D/ NET,				Research/job	under his/her
	SLETetc)				experience	supervision
Dr. Anuj	M.Phil, Ph.D.	Assistant	Human Rights,	Human	8 Years	NA*
Kanchan Datta		Professor	Indian	Rights		
Roy		(Contractual)	Government			
-			and Politics			
Dr. Swapna	MA, M.Phil,	Assistant	Philosophical	Tribal	8 Years	NA*
Biswas	Ph.D, B.Ed.	Professor	Foundation of	Education		
		(Contractual)	Education,	in Tripura		
			History of	_		
			Education,			
			Teacher			
			Education etc.			
Dr. Rupasree	UGC-NET-	Assistant	Child	Medieval	4 Years	NA*
Debnath	JRF,	Professor	Literature and	Bengali		
	PH.D	(Contractual)	Comics	Literature		
Sri Abhijit Das	SLET	Assistant	History of	Modern	2 Years	NA*
-		Professor	Modern India	Indian		
		(Contractual)		History		

<sup>\*</sup> Ph.D Programme is not Permissible as per DEB UGC, New Delhi guidelines.

#### 2. Guest Teachers/Contract Teachers: (Academic Counselor)

2. Guest Teachers, Contract Teachers. (Teachers)									
Name	Qualification	Courses Taught in	Research	No. of years of	No. of years of				
	(PG/MPhil/Ph. D/	2015-16	area/interest	teaching	research				
	NET, SLET etc.)			experience	experience				
Dr. Nityananda Das	Ph. D	Political Theory	Panchayati Raj	25 Years	8 Years				
Sri Prabir Datta	NET	Comparative Politics	Democratic	9 Years	7 Years				
			Decentralization		ļ				

Sri Pankaj Chakraborty	SET	International Relations	Developmental Planning	8 Years	7 Years
Smt. Dipikanta Chakraborty	SET	Ancient Indian Political Thought	Foreign Policy	3 Years	1 Years
Md. Sumon Ali	SET	Public Administration	Electoral Politics	3 Years	1 Years
Smt. Bijita Sen	MA in Psychology	Psychology, Special Edn, Mental Health & Hygiene and guidance & Counseling	NA	3 Years	NA
Sri. Manimoy Pal	M. SC, M. Ed	Measurement and Evaluation, Statistics and Research Methodology	NA	10 Years	NA
Sri. Samar Kr. Mandal	MA, M. Ed	Comparative Education, Distance Education, Education Technology, Teacher Education	NA	9 Years	NA
Sri. Debasis Gan Choudhury	M.Com, M.Ed.	Educational Management and Administration, Contemporary issues in Education	NA	9 Years	NA
Sri. Dipankar Biswas	MA, M.Ed., NET, SET	Curriculum studies, Teacher Education, Philosophical Foundation in Education.	Primary Education	4 Years	NA
Dr. Nibas Ch. Sil	MA, M.Phil., Ph.D., NET, SET	Special Education, Teacher Education	Primary Education	8 Years	NA
Sri. Sambhu Debbarma	MA, SET	Philosophical Foundation in Education, Guidance & Counseling, Curriculum Studies	NA	1 Years	NA
Sri. Daniel Debbarma	MA, NET	Philosophical Foundation in Education, Psychology	NA	2 Years	NA
Dr. Tinku De	MA, B. Ed, Ph.D	Sociology, Research Methodology, Psychology	Teacher Education	12 Years	3 Years
Dr. Subhash Sarkar	MA, B. Ed, Ph.D	Research Methodology, Measurement and Evaluation, Psychology, Distance Education	Educational Psychology, Creativity, Elementary Education	12 Years	3 Years
Dr. Rajendra Prasad	MA, B. Ed, Ph.D	Research Methodology, Measurement and Evaluation, Statistics etc.	Inclusive Education, Measurement and Evaluation	5 Years	2 Years
Dr. Nirmal Das	M.Phil., Ph.D.	Short Story, Novel, Essay	Folklore	7 Years	10 Years
Dr. Rintu Das	NET, M.Phil., Ph.D.	Poem, Novel, Drama	Modern Bengali Literature	6 Years	9 Years
Dr. Smriti Chakraborty	Ph.D.	Short Story, Novel, Literary Theory	Modern Bengali Literature	30 Years	30 Years

Dr. Rabindra Kumar	Ph.D.	Linguistics	Linguistics	30 Years	30 Years
Datta					
Dr. Sutapa Das	Ph.D.	Western Theory,	Modern Bengali	24 Years	24 Years
		Drama	Literature		
Dr. Joy Kumar Das	NET, Ph.D.	Drama, Short Story	Folklore	4 Years	5 Years
Dr. Barnali Ghosh	NET, Ph.D.	Bengali Reading and Writing Skills	Linguistics	6 Years	12 Years
Dr. Rajib Ghosh	Ph.D.	Drama, History of Literature (Modern Age)	Modern Bengali Literature	6 Years	8 Years
Dr. Mrinal Kanti Debnath	NET, SET, Ph.D.	Modern Poem, Child Literature	Modern Bengali Literature	4 Years	6 Years
Smt. Arupa Chakraborty	NET, SET	Novel, Drama	Mediaeval Bengali Literature	4 Years	6 Years
Sri Subhash Debnath	SLET	Ancient Indian History	Modern Indian History	1 Years	2 Years
Smt. Puja Bagchi	PG	Political Theory	Nil	4 Years	Nil
Sri. Kishore Bhattacharya	PG	Bangla Sahityer Itihas O Kabya Kabita	Bangla Sahityer Itihas	1 Years	1 Years
Smt. Laxmisree Thakur	PG	British Romantic Revival	Nil	2 Years	Nil
Smt. Pinanki Biswas	PG	Education and Society	Nil	3 Years	Nil

3. Visiting Teacher/ Visiting Fellow:

Name	Topics of courses/lectures taught in	Institution affiliated with now/previously
	Tripura University	(if retired)
Prof. Biswanath Roy	Mediaeval Bengali Literature	University of Calcutta

4. Details of Publications reported in Web of Science, Scopus, Google Scholar, Indian Citation Index only:

4.1. Book Chapters:

4.1. DOOK (		1	T	1	1	1	
All	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN	Page
Authors					(2015-		No.
					16)		
Dr.	Role of B.R	Dr. Pridarshi	B.R Ambedkar and	New	August	978-	89-
Swapna	Ambedkar for the	Bahinipati, GDC,	Enlightened Iconoclast	Academic	2015	81-	97
Biswas	Development of	Longtarai Valley		Publishers,		86772-	
	women Education			Daryaganj,		86-7	
				New Delhi			
	Present Status of	Dr. Dilip Sarkar,	Emerging	Supriya	July	978-	318-
	Environmental	BBM	Environmental issues in	Books,	2015	93-	327
	Education in	College, Agartala,	today's society with	Daryaganj,		844-	
	Secondary School	Tripura	special attention to	New Delhi		71-07-	
	Level in Tripura an		North East India			1	
	Empirical Study						
	A Review on	Dr. Sahidul	Education & the Muslim	New	2016	978-	135-
	Educational Status of	Ahmed, Ambedkar	Diaspora in search of	Academic		81-	144
	Muslim Women in	College Fatikroy,	holistic appearances for	Publishers,		86772-	
	Tripura.	Unakoti Tripura &	an inclusive	Daryaganj,		90-4	
		Dr. Tinku De, TU	development	New Delhi			

4.2. Publications in peer reviewed Journals published outside India (International):

All Authors	Title	Name of the Journal/	Volume	Year	ISSN/DOI	Page
7 III 7 Iddiio15		Magazine	Volume	(2015-16)	ISSI WE GI	No.
Dr. Swapna	The Teaching of Vedas	Research Tracks	2	July,	2347-4637	50-52
Biswas	its implications in	(International) Yaswantrao		2015		
	calculating of values in	Chavan Arts and Science				
	modern Indian Education	Mahavidyalaya, Maharashtra				

Language Problems of	International Journal of Arts,	1	July,	23950692	35-41
Kokborok Speaking	Humanities and		2015		
Tribal Students of Tripura	Management studies				
	(International) Orbit				
	publication				
	M 3/6 Amber Complex				
	Zone-II, M.P.Nagar Bhopal -				
	462011, M.P., India				
Change of Livelihood	Research Demagogue	2	Oct, 2015	23501081	13-15
status of Tribal People in	(International) Yaswantrao				
Tripura: An analysis on	Chavan Arts and Science				
their Jhum Cultivation	Mahavidyalaya, Maharashtra				
A review on the status of	Research Tracks	3	Jan, 2016	2347-4637	44-53
Tribal Health in Tripura	(International) Yaswantrao				
with special reference to	Chavan Arts and Science				
women and children	Mahavidyalaya, Maharashtra				
A Study on Education	Research Demagogue	2	April,	2350-1081	105-
and Health status of	(International) Yaswantrao		2016		106
Tribal People in Tripura	Chavan Arts and Science				
	Mahavidyalaya, Maharashtra				
The Teaching of Vedas	Research Tracks	2	July,	2347-4637	50-52
and its Implication in	(International) Yaswantrao		2016		
calculation of values in	Chavan Arts and Science				
modern Indian Education	Mahavidyalaya, Maharashtra				

4.3. Publications in peer reviewed Journals published in India (National):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year (2015-16)	ISSN/DOI	Page No.
Dr. Swapna Biswas	Problems of Adolescence in present	Journal of Educational Thoughts (Multidisciplinary)	2	Sept, 2015	2348-1714	146- 152
Diswas	society: Role of Parents	Nathulal Das, B.Ed College, Murshidabad, W.B				132
	Introduction of Semester System at under Graduate Level & its Challenges	Baalark (Multidisciplinary) North East Journal for Arts and Science	2	April, 2016	2344-6113	127- 134
	The Educational status of Tribal students at Secondary Level in Tripura	Journal of Educational Thoughts (National) Nathulal Das, B.Ed College, Murshidabad, W.B	3	June, 2016	2348-1714	12-23
	Status of women of Tripura in SC Communities	Ambedkar College Research Journal, Fotikroy, Unakoti Tripura	1	July, 2015	657-2395- 2350	33-40
	A Study on the status of Tribal Women Specially in Tripura	Devaloke (A Research Oriented Journal) NCTE Recognised DIPSER College of Education, Jharkhand	2	Oct, 2015	2250-2254	73-84

5. Conference/Seminar/Workshops/Summer-Winter schools attended by Teacher/Students/Research Scholars of the Dept. organized by Institutions/Agencies other than Tripura University without publications of full paper: (Maximum 4 per person):

Name	Conference/ Seminar/ Workshop attended	Date	Organized by	Title of the paper presented
Dr. Swapna Biswas	International Seminar on One Hundred and Fifty Years of Bengali 'Kathasahitya'	5-6 <sup>th</sup> April, 2016	Department of Bengali, Government Degree College, Kamalpur	Bangla Choto Golpe nimna Bargiader kotha: Rabindra Nath Te
	Two day International Seminar on Educating Tribal children issues and remedies with special reference to Tripura	5-6 <sup>th</sup> March, 2016	IASE, Kunjaban, Agartala	The Educational status of Tribal students at Secondary Level in Tripura

	Two day International	5-6 <sup>th</sup> March,	IASE,	A Comparative study on education
5	Seminar on Educating Tribal	2016	Kunjaban,	among the Tribal and Non-Tribal
	children issues and remedies		Agartala	Students at Secondary Level in
7	with special reference to			Agartala
	Tripura			
T T	Workshop on Modern Trends	10-16 <sup>th</sup> Jan,	IASE,	Educational Research
8	& Strategies in the arena of	2016	Kunjaban,	
I	Educational Research.		Agartala	

#### 6. New initiatives/Innovations:

- Introduced Choice Based Credit System of from the Academic Session 2015-2016.
- Introduced Semester System for the Programme and Credit System of Examination from the Academic Session 2015-2016.

