

ANNUAL REPORT

2014 - 15



Tripura University
(A Central University)
Suryamaninagar - 799022

From the Desk of the Vice-Chancellor

Tripura University (a Central university) continued its journey towards excellence in the academic year 2014-1. Some of the important achievements and events are highlighted below:

1. Construction of two multi-storied buildings was completed and many offices and departments got new space to move in. The relocation eased space problems of several years. Many departments were able to expand their facilities. For example the Department of Botany was able to set up new laboratories.
2. Several new constructions were started. These include a 200 seated girl's hostel, an academic building for OBCs, School of Education and Distance Education, and a multistoried automobile parking lot, an international-standard football ground, and a new access road.
3. All buildings were made friendlier for differently abled persons. Ramps were constructed and washrooms are now properly equipped in most buildings for differently abled persons. Most of the buildings in the campus were cleaned and painted. About 100 washrooms were refurbished and improved in almost all buildings of the campus.
4. The guest house was also spruced up. A couple of executive suites were added to the guest house for guests with spouses.
5. New seminar rooms were created in several buildings for conducting meetings and seminars or workshops in parallel. Ninety two seminars/workshops/symposia were conducted in Tripura University during this academic year by the faculty members of thirty four Departments.
6. The University Campus is connected with a rapidly expanding LAN Internet and Wi-Fi. In this academic year a total about 1000 LAN nodes was installed connecting almost all the buildings. Along with LAN Wi-Fi zones were also established starting with the Central Library. Total area covered under Wi-Fi network access in the University campus was about 7000 square meters during this period.
7. Up-gradation of curricula and syllabi of all UG and PG courses in all Departments started in this academic year after a gap of five years.
8. Tripura University introduced semester based and choice based curriculum for undergraduate (UG) courses in its affiliated General Degree Colleges from the Academic Session 2014-15. Tripura University adopted the Choice-based Credit System (CBCS) as recommended by the University Grants Commission. Basic rules and regulations for CBCS were developed for the core, elective and foundation courses in all Departments. CBCS would be started for all PG and UG programmes in the main campus from the next academic session.

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9. For the first time in its history, Tripura University conducted admission tests in three cities outside Tripura, Kolkata, Guwahati and Silchar, for benefit of the students of Assam and West Bengal.
10. Rules for admission of foreign students were also created and a few students from the neighbouring country of Bangladesh enrolled in Tripura University.
11. Enthusiastic about National Mission of Skill Development in the youth of India Tripura University designed Bachelor of Vocational studies (B. Voc.) programs in two areas: Rubber Technology and Film and Video studies. Rubber technology skills are urgently needed in the State of Tripura, a hub of cultivation of natural rubber. The B. Voc. classes would start in 2015-16.
12. Tripura University also planned for a Community College to start three skill-based programmes from the Academic Session 2016-17: Travel & Tour Management, Mushroom Cultivation, and Website designing & Maintenance.
13. To fulfill the aspirations of the people of Tripura, the University planned and designed a Master's programme in Kokborok, the language of indigenous people of Tripura. The University already offers a six-month certificate course and a one-year PG diploma course in Kokborok.
14. The University felt that a familiarity of various languages of our multilingual and multicultural country can help national integration. Thus, six-month certificate courses on functional Hindi, Mizo and Garo were planned for the next academic year.
15. The University meticulously fulfilled all the required conditions of AICTE and received its affiliation for the PG programs of the Departments of Electric Engineering, Computer Science and Engineering, Information Technology, Business Management and Pharmacy for the next five years.
16. During this academic year Tripura University completed preparations for accreditation by NAAC. Preparations are also in progress for a visit of the NCTE team in future.
17. Five-year Integrated Masters Degree (IMD) programme is redesigned. The curriculum is strengthened by introducing group project courses in the freshman and sophomore years for enhancing creative and writing skills. The IMD was also expanded introducing the study of Statistics and Mathematics in IMD program.
18. Discussion sessions were organized with National experts to plan all the major aspects such as the focus, curriculum, and initial infrastructure for each of the upcoming new Departments of Electronics and Communications Engineering, Materials Science and Engineering,

Chemical and Polymer Engineering, Library and Information Sciences, Linguistics and Tribal Languages, and the School of Education.

19. Women's study Centre was rejuvenated. The Centre carried several research projects and conducted several workshops.
20. Research and Innovation policy was developed. New PhD regulations were put in place.
21. University wide focus on research helped the faculty to publish 21 books and 313 journal papers in International and National journals in this academic year. Number of PhD students enrolled soared to 445 from 318 in the 2013-14.
22. E-Classroom software and system were installed in the University. This system would be invaluable for developing of online and e-courses in future years.
23. Development of online courses (MOOCs) was started in about 6 topics.
24. About 31,000 E-books procured by the Central Library in 2013-14 gained popularity with about 85,000 downloads. Library hours were extended.
25. The University started to publish a newsletter bringing all the important events.
26. Publishing of books and research papers gained popularity in the University community of scholars. A successful week-long workshop on book publishing was conducted by NBT workshop. Three workshops on publishing were conducted by Elsevier, Springer Verlag and Oxford University Press.
27. The Innovation Club of the University had been established in the year 2013 by the Hon'ble President of India and the Visitor of the University. An exhibition of inventions and innovations by students and grass root innovators of the State in March 2015 was successful.
28. Faculty members spent several months teaching and doing research in China and USA. Eminent scholars from Canada delivered several lectures in the Department of Sociology. One faculty member went to Antarctica for research training.
29. Under the Unnat Bharat Abhiyan, Tripura University adopted the following six villages situated in the vicinity of the University campus: Shrinagar (S.T. populated area), Mahesh Khola (S.C. populated area), Pandavpur (minority populated area), Ballavpur (OBC populated area), Suryamaninagar (Rural area), and Bagmara (Rural area). Two Village health camps attended by hundreds of villagers were organized by Tripura University Women's Organization along with Departments of Human Physiology and Computer Science and Engineering.
30. A student festival, UDBHAAS 2014 was held in November 2014 with intercollege and interdepartmental competitions. Several famous music groups from the State of Tripura and

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from Kolkata visited the campus and enthralled the University community with their performances.

31. In Sports Tripura University secured the Runners-up position in 8th Inter college Football (Men) Competition and 3rd position in East Zone Inter University Cricket Competition.
32. A custom-designed financial software was installed to perform all the operations of purchase, payments etc. under new accounting standards using on accrual based methods. Custom-designed software was used to automate the application process for the recruitment of a large number of group B and C nonteaching posts.
33. Tripura University participated enthusiastically in the Swachh Bharat Program by cleaning the campus and the buildings.

This list is a partial glimpse of the efforts the University has undertaken in 2014-15. The pace of development was slow in this year owing to vacancies in the Academic and Executive Councils of the University during this entire year. The University is looking forward with great enthusiasm for further developments in Skill programs, Industrial and International Collaborations, Digitization and Modernization, Innovation and on improving its national and international Ranking. It is committed to automation, faculty and staff recruitment, infrastructure development and social outreach in 2015-16.

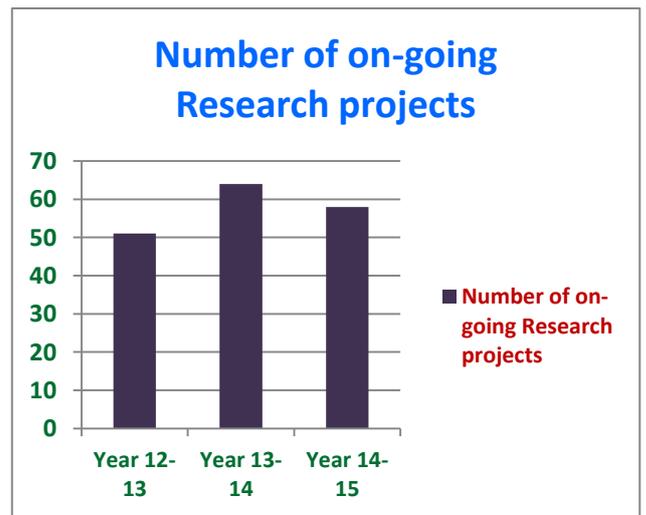
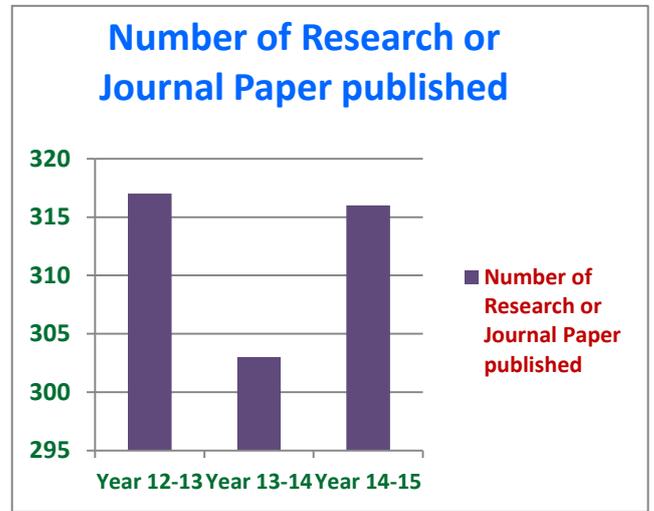
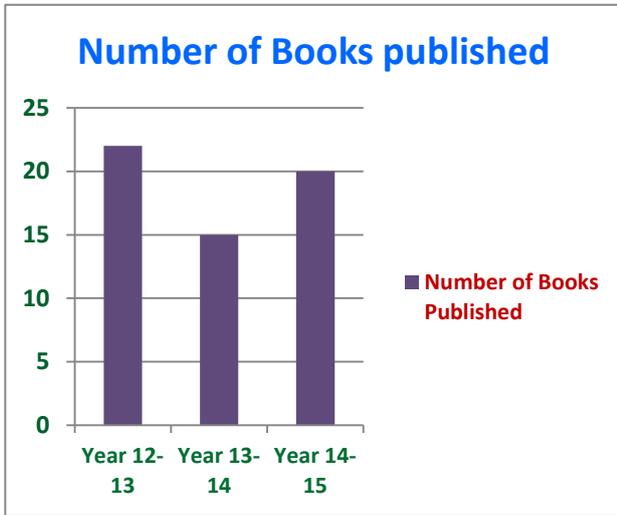
In the following pages the details of the scholarly activities of each of the Departments and Centres are presented in tabular form. The details of work done by Central Library, Sports Board and other bodies are also presented. Main financial details are also presented in a tabular form. A few pictures taken during various activities/seminars/functions organized by Tripura University throughout the year 2014-15 are also attached. It is our hope that from this compendium of data a feeling about the diversity, vibrancy and quality of the multitude of activities in Tripura University is available.

Best wishes to all.

Prof. Anjan Kumar Ghosh.

Vice-Chancellor

Academic and Research Activities



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Department of Law

Department of Music

Department of Philosophy

Department of Political Science

Department of Physical Education

Department of Psychology

Department of Rural Management and Development

Department of Sanskrit

Department of Sociology

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Department of Computer Science & Engineering

Department of Electrical Engineering

Department of Forestry & Biodiversity

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ABOUT TRIPURA UNIVERSITY

Tripura University took off as a State University on 2nd October, 1987 and was converted into a Central University on 2nd July, 2007 under an Act of the Parliament to establish a teaching and affiliating university in the state of Tripura and to provide for matters connected therewith or incidental thereto. Guided by a zeal for education and inspired by a vision to excel, the ceaseless efforts of kings of Tripura from 1947 onwards led to the establishment of many colleges in this green hilly state with affiliation from 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 university education within Tripura was yet to be achieved. The political history of Tripura since the late 1960s, replete with student movements within Tripura, consistently focused on the demand for expansion of opportunities for higher education and setting up of Tripura's own university. As a response to these rising demands, the Calcutta University authority agreed to offer post-graduate classes in history, mathematics, and economics at the MBB College campus and, in 1976, the University Grants Commission (UGC) formally recognized the Calcutta University Post Graduate Centre (CUPGC). But the demand for having a full-fledged University in the state was yet to be fulfilled and this further fuelled the state's demand 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, housed in various scattered old government buildings at College Tilla, Agartala. In spite of severe financial constraints, a new campus was selected by the 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 the near future, the foundation-stone was laid at Suryamaninagar campus on 18th 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 a dream come true. After its upgradation 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.

At present the number of Colleges affiliated to the university is 46, consisting 23 General Degree Colleges, 17 Professional Colleges, 4 Paramedical and Nursing Colleges and 2 Medical Colleges with a total enrolment strength 38114.

The University is running 42 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 33 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 Gauhati, 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 Gauhati, Kolkata and other North-eastern cities and with other

metros via Gauhati or Kolkata by air route. A metre gauge railway line connecting Agartala to Lumding and Gauhati is being 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 offers 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. Books are issued in the issue section between 9.30 am to 6.00 pm on all working days except 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 the Library has 1, 16,061 (approx) printed books, back volumes and thesis and on average 8056 books have been added in the Library. Besides, Tripura University is a member institution in the UGC-INFONET e-Journals Consortium. The Library provides online access to approximately 8000 e-Journals, 28514 e-books and 10 databases which covers 22 publishers in the diversified fields of sciences, arts, commerce and various social sciences. These e-Journals and databases can be accessed from all departmental computers over a campus-wide network. It is worth mentioning that Tripura University was ranked 43rd among the Indian Universities in respect of usage of e-Journals and database under UGC-INFONET programme for the year 2012. Further, the Library has a computer lab with 10 computers installed with internet facility provided free of cost to the members of the library to facilitate their academic and research related works.

Computing Facilities:

Tripura University takes proper measures to provide all possible computing facilities to the students, scholars and faculty. 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 some departments and offices for providing back-up during power failures. For public access a good number of computers are available in the University campus.

Central Instrumentation Centre:

Tripura University has a Central Instrumentation Center to facilitate Researchers from North-east Universities. While using this centre the North-east Research Workers are 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

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liquid chromatography)-Dionex U3000, Atomic Force Microscope (AFM), Model: INOVA, BRUKER, and GSV4004B GPS Ionospheric Scintillation & TEC Monitor (GISTM). Dr. Swapan Majumder, Associate 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. These instruments are being used by research scholars and faculty members of different departments of this University as well as researchers from different institutions of North East India. 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 100 seats capacity for Gents and Women are ready within the campus. Also, a dedicated Ambulance is stationed in the campus for medical emergency. 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 full time doctors and nurses (Male & Female) in the campus to serve students, teachers, employees, officers and guests. 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 during Annual Sports including inter departmental football, volleyball, cricket competitions. Indoor games are also organized by the board, such as Table Tennis, Carom etc. Every year the board organises 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.

Placement Cell:

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.
4. Inviting various organizations for campus recruitment.
5. Organising different job oriented training programmes by the reputed organizations.

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, On-line 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.

NET Coaching Centre:

To facilitate and encourage students who belong to a socially backward group and do not have access to tutorial classes, the university conducts NET Coaching classes regularly. The classes are conducted particularly for students belonging to SC/ST and OBC categories. These classes take place every weekend from 10.00 am to 1.00 pm at the City Centre of Tripura University in Gandhighat. The academic counsellors of different disciplines guide aspiring students in their preparations and provide adequate reading materials through its library.

NSS UNIT:

NSS Unit, Tripura University started its endeavour in 1992. At present NSS Unit, Tripura University is engaged with activities such as awareness programmes on HIV/AIDS, conduction of seminars, symposiums, Voluntary Blood Donation Camp, Body & Eye Donation & Eradication of Thalassaemia, collection of fund for flood victims, collection of books for needy students, rally on different current issues, networking with national International social organisations etc. The NSS volunteers are sincerely associated with a school level programme to provide remedial teaching in basic sciences and mathematics to the students of class V to XII. The Programme Officer, who is a member of the teaching faculty, provides necessary leadership to the NSS Volunteer/Students.

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Equal Opportunity Cell (EOC):

Tripura University established an Equal Opportunity Cell on 3rd 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 is 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.

Outstanding sportsmen and women who represented at the National and International level are eligible for availing sports quota subject to the condition that they fulfill the minimum eligibility criteria in their respective subjects for admission. One seat in each department upto 50 intake capacity and 2 seats in each department having more than 50 intake capacity, have been earmarked as sports quota and outstanding sportsmen and women representing the country at the international level shall be given first priority.

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 is given below:

Name	:	Dr. Nishikant Kolge
e-mail id	:	kolge270477@gmail.com
Mobile Number	:	+91-9862132692

Part – 1
University Administration

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TRIPURA UNIVERSITY

Shri Pranab Mukherjee

President of India

Visitor

Shri Tathagata Roy

Governor of Tripura

Chief Rector

Chancellor

[nomination awaited]

Prof. Anjan Kumar Ghosh

Vice-Chancellor

Prof. Anjan Mukherjee

Pro Vice-Chancellor

Sri O. S. Adhikari

Registrar

Prof. S. Poddar

Dean, Faculty of Arts & Commerce

: dean_artscommerce@tripurauniv.in

Prof. Sangram Sinha

Dean, Faculty of Science

: dean_science@tripurauniv.in

Prof. Ashes Gupta

Dean, Students' Welfare

: dean_studentswelfare@tripurauniv.in

Part-2
Academic Programmes
&
Student Data

Academic Programmes of the University

I. At the University Campus

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. MA/MSc 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. M A in Physical Education
17. M R M D: Master of Rural Management & Development
18. M A in Sanskrit
19. M A in Sociology
20. M Sc in Botany
21. M Sc in Chemistry
22. M Tech in Computer Science & Engineering
23. MCA: Master of Computer Application
24. M Tech in Electrical Engineering
25. M Sc in Forestry & Biodiversity
26. M Sc in Geography & Disaster Management
27. M Sc in Human Physiology
28. M Sc in Mathematics
29. M Sc in Microbiology
30. M Sc in Molecular Biology & Bio-informatics
31. M Sc in Pharmacy
32. M Sc in Physics
33. M Sc in Statistics
34. M Sc in Zoology

Integrated Master's Degree Programme (IMD) in:

English, Bengali, Hindi, Philosophy, History, Economics, Political Science

Postgraduate Diploma Programmes:

1. PG Diploma in Kokborok (at the University Campus, City Centre)
2. PG Diploma in Bamboo Cultivation & Resource Utilisation
3. PG Diploma in Rubber Technology
4. PG Diploma in Tribal & Ethnic Studies

Undergraduate Degree Programmes (*At the Affiliated Colleges*):

1. B A
2. B Com
3. B Ed
4. B F A
5. B Music
6. B Pharm
7. B Ph Ed
8. B Sc
9. BCA
10. B Sc in Computer Science & Technology
11. B Sc Ag
12. B Tech
13. LL B
14. M B B S
15. B V Sc

Postgraduate Degree Programme (*At the Affiliated Colleges*):

1. M Ed

Diploma Programmes:

1. Computer Applications (also in Distance Mode)
2. Medical Lab. Technology
3. Computer Science Technology
4. Information Technology
5. Fashion Technology

In addition, the University also offers Ph.D. degree programmes based on qualifying Research Eligibility Test, Ph. D. course work, specific plans of study/research and submission of dissertation in respective subjects.

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STUDENT DATA

Department of English

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
47	52	99	M	F	M	F	M	F	M	F	M	F
			10	13	06	04	15	13	16	22	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
45	54	99	M	F	M	F	M	F	M	F	M	F
			10	13	04	06	16	12	15	23	00	00

Department of Bengali

Student Enrolment Semester-(2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
33	60	93	M	F	M	F	M	F	M	F	M	F
			07	20	03	09	11	15	12	16	01	01

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
34	46	80	M	F	M	F	M	F	M	F	M	F
			07	14	10	12	12	11	05	09	00	01

Department of Sanskrit

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
13	31	44	M	F	M	F	M	F	M	F	M	F
			02	13	07	04	02	04	02	10	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
31	24	55	M	F	M	F	M	F	M	F	M	F
			23	02	03	09	04	02	01	11	00	00

Department of Philosophy

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
26	27	53	M	F	M	F	M	F	M	F	M	F
			09	10	07	07	13	04	07	06	01	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
19	10	29	M	F	M	F	M	F	M	F	M	F
			05	04	04	04	01	01	09	01	00	00

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Department of History

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
40	20	60	M	F	M	F	M	F	M	F	M	F
			13	13	02	00	14	04	11	03	01	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
19	10	29	M	F	M	F	M	F	M	F	M	F
			02	04	05	02	06	02	06	02	00	00

Department of Political Science

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
57	27	84	M	F	M	F	M	F	M	F	M	F
			17	05	11	06	14	06	15	10	01	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
38	30	68	M	F	M	F	M	F	M	F	M	F
			15	14	04	04	12	05	07	07	00	01

Department of Economics

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
09	22	31	M	F	M	F	M	F	M	F	M	F
			04	14	01	05	01	01	03	02	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
06	07	13	M	F	M	F	M	F	M	F	M	F
			00	03	04	03	01	01	01	00	00	00

Department of Hindi

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
01	05	06	M	F	M	F	M	F	M	F	M	F
			00	03	00	01	00	01	01	00	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
-	04	04	M	F	M	F	M	F	M	F	M	F
			-	02	-	-	-	02	-	-	-	-

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Department of Commerce

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
53	12	65	M	F	M	F	M	F	M	F	M	F
			28	05	00	01	08	03	17	03	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
31	12	43	M	F	M	F	M	F	M	F	M	F
			19	06	01	02	06	01	05	03	00	00

Department of Education

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
12	08	20	M	F	M	F	M	F	M	F	M	F
			03	02	01	01	04	03	04	02	01	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
10	10	20	M	F	M	F	M	F	M	F	M	F
			04	03	02	02	03	01	01	04	00	00

Department of Physical Education

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
00	00	00	M	F	M	F	M	F	M	F	M	F
			00	00	00	00	00	00	00	00	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
16	03	19	M	F	M	F	M	F	M	F	M	F
			05	01	04	01	05	00	02	01	00	00

Department of Law

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
09	05	14	M	F	M	F	M	F	M	F	M	F
			02	01	02	01	01	01	04	02	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
02	09	11	M	F	M	F	M	F	M	F	M	F
			01	04	00	03	00	01	01	01	01	00

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Department of Sociology

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
06	07	13	M	F	M	F	M	F	M	F	M	F
			00	02	00	00	00	00	06	05	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
06	03	09	M	F	M	F	M	F	M	F	M	F
			00	00	00	00	01	00	05	03	00	00

Department of Psychology

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
01	13	14	M	F	M	F	M	F	M	F	M	F
			00	06	00	04	01	01	00	02	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
03	11	14	M	F	M	F	M	F	M	F	M	F
			02	09	01	01	00	01	00	00	00	00

Department of Physics

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
15	11	26	M	F	M	F	M	F	M	F	M	F
			06	03	06	06	02	01	01	01	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
15	09	24	M	F	M	F	M	F	M	F	M	F
			07	05	04	03	04	01	00	00	01	00

Department of Chemistry

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
22	09	31	M	F	M	F	M	F	M	F	M	F
			10	04	09	01	03	03	00	01	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
20	09	29	M	F	M	F	M	F	M	F	M	F
			12	04	08	04	01	00	00	00	01	00

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Department of Botany

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
12	08	20	M	F	M	F	M	F	M	F	M	F
			05	04	02	01	01	02	04	01	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
11	09	20	M	F	M	F	M	F	M	F	M	F
			07	03	03	02	01	00	00	04	00	00

Department of Human Physiology

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
11	16	27	M	F	M	F	M	F	M	F	M	F
			07	13	02	02	02	01	00	00	00	01

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
06	13	19	M	F	M	F	M	F	M	F	M	F
			03	07	01	05	02	00	00	01	00	00

Department of Zoology

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
10	11	21	M	F	M	F	M	F	M	F	M	F
			04	09	01	00	03	00	02	02	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
04	14	18	M	F	M	F	M	F	M	F	M	F
			04	02	00	04	00	04	00	04	00	00

Department of Mathematics

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
33	12	45	M	F	M	F	M	F	M	F	M	F
			29	08	02	01	03	03	00	00	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
13	06	19	M	F	M	F	M	F	M	F	M	F
			09	04	00	02	04	00	00	00	00	00

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Department of Forestry & Biodiversity

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
08	10	18	M	F	M	F	M	F	M	F	M	F
			03	02	00	04	02	02	03	02	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
05	04	09	M	F	M	F	M	F	M	F	M	F
			02	01	01	01	00	02	02	00	00	00

Department of Microbiology

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
06	04	10	M	F	M	F	M	F	M	F	M	F
			03	01	00	01	01	00	02	02	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
02	05	07	M	F	M	F	M	F	M	F	M	F
			01	02	01	03	00	00	00	00	00	00

Department of Molecular Biology & Bioinformatics

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
06	03	09	M	F	M	F	M	F	M	F	M	F
			02	03	00	00	03	00	01	00	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
08	05	13	M	F	M	F	M	F	M	F	M	F
			04	02	01	01	03	00	00	02	00	00

Department of Pharmacy

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
02	04	06	M	F	M	F	M	F	M	F	M	F
			01	01	01	00	00	00	00	03	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
04	05	09	M	F	M	F	M	F	M	F	M	F
			02	02	01	00	01	01	00	02	00	00

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Department of Statistics

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
00	00	00	00	00	00	00	00	00	00	00	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
01	00	01	00	00	01	00	00	00	00	00	00	00

Department of Fine Arts

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
16	07	23	13	05	02	00	00	00	01	00	01	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
08	01	09	07	00	01	01	00	00	00	00	00	00

Department of Music

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
02	20	22	02	12	00	02	00	04	00	02	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
05	16	21	01	18	03	05	01	02	00	01	00	00

Department of Business Management (MBA)

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
25	13	38	19	07	03	03	03	01	00	02	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
13	06	19	09	03	02	02	02	01	00	00	01	00

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Department of Business Management (BBA)

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
17	14	31										
			12	13	02	00	02	01	01	00	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
20	16	36										
			14	09	02	02	03	02	01	03	00	00

Student Enrolment Semester-V (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
25	15	40										
			14	12	05	02	05	00	01	01	00	00

Department of Rural Management and Development

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
19	19	38										
			02	12	03	03	07	02	07	02	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
06	08	14										
			01	03	00	02	02	03	03	00	00	00

Department of Journalism & Mass Communication

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
01	03	04										
			00	01	01	01	00	00	00	01	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
09	05	14										
			04	01	03	02	00	00	02	02	00	00

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Department of Geography & Disaster Management

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
16	09	25										
			09	06	01	00	02	00	04	03	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
12	10	22										
			04	02	01	03	04	00	03	05	00	00

Department of Information Technology (MCA)

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
14	17	31										
			08	14	06	03	00	00	00	00	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
12	09	21										
			06	06	05	02	01	00	00	01	00	00

Student Enrolment Semester-V (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
30	28	58										
			14	15	11	10	05	03	00	00	00	00

Department of Information Technology (BCA)

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
06	02	08										
			03	02	03	00	00	00	00	00	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
04	04	08										
			02	01	00	02	01	00	01	01	00	00

Student Enrolment Semester-V (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
07	04	11										
			05	02	02	02	00	00	00	00	00	00

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Department of Computer Science and Engineering

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
03	14	17	01	06	00	05	02	02	00	01	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
07	08	15	02	04	04	03	00	00	01	01	00	00

Department of Electrical Engineering

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
10	03	13	04	02	03	00	00	00	03	01	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
10	07	17	06	04	02	00	01	02	01	01	00	00

Diploma in Kok-Borok Language & Literature (DKB)

Student Enrolment (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
30	68	98	03	00	00	00	00	00	27	68	00	00

PG Diploma in Tribal and Ethnic Studies

Student Enrolment (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH (Out of Total)	
			M	F	M	F	M	F	M	F	M	F
08	12	20	03	04	02	01	01	02	05	02	00	00

Integrated Master's Degree Course: (All subjects)

Student Enrolment Semester-I (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH	
			M	F	M	F	M	F	M	F	M	F
41	30	71	05	10	04	03	04	02	28	15	00	00

Student Enrolment Semester-III (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH	
			M	F	M	F	M	F	M	F	M	F
29	34	63	08	13	02	01	02	02	17	18	00	00

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Student Enrolment Semester-V (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH	
17	21	38	M	F	M	F	M	F	M	F	M	F
			01	13	01	01	02	00	13	07	00	00

Certificate Course in Kok-Borok (Six-Month)

Student Enrolment (2014-15)

Male	Female	Total	Gen		OBC		SC		ST		PH	
03	18	21	M	F	M	F	M	F	M	F	M	F
			00	00	00	00	00	00	03	18	00	00

Directorate of Distance Education

Student Enrolment (2014-15)

Prog.	Dura-tion	Number of Students												
		M	F	Total	GEN		SC		ST		OBC		PH	
					M	F	M	F	M	F	M	F	M	F
BA	3 Yrs.	2416	1515	3931	805	531	477	227	515	420	622	334	13	03
B.Ed	2 Yrs.	118	92	210	30	23	37	18	28	33	23	18	01	01
MA Education	2 Yrs.	287	274	561	84	75	71	69	81	81	52	48	01	00
MA Political Science	2 Yrs.	396	272	668	107	59	70	56	157	105	60	50	02	02
MA Bengali	2 Yrs.	271	287	558	71	99	71	52	69	81	59	54	01	01
Certificate in Human Rights (CHR)	6 Mnts.	12	04	16	04	00	01	02	04	02	03	00	00	00

Part-3
University Departments/ Schools

Faculty of Arts & Commerce

1. Department of Bengali
2. Department of Business Management
3. Department of Commerce
4. Department of Economics
5. Department of Education
6. Department of English
7. Department of Fine Arts
8. Department of Hindi
9. Department of History
10. Department of Journalism & Mass Communication
11. Department of Law
12. Department of Music
13. Department of Philosophy
14. Department of Political Science
15. Department of Physical Education
16. Department of Psychology
17. Department of Rural Management & Development
18. Department of Sanskrit
19. Department of Sociology

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DEPARTMENT OF BENGALI

The Department of Bengali was established in 1977 under erstwhile Postgraduate Centre of Calcutta University. Thrust areas of the Syllabus & Research Programmes of Bengali Department consist of old, Medieval & Modern Literature & Language, Manuscript, Historical, Cultural background & Literature of Tripura, North-East & Bangladesh. Research Programme are carried out in the Department on Medieval & Modern Bengali Novels, Short stories, Poetry, Drama, Folk-Literature, Linguistics, Tagore studies, Tribal Literature & Language (Kokborok) as well as Regional History, Culture & Literature of Tripura. Diploma Course in Kokborok was initially started by the department but is now being conducted by the Centre for Tribal Languages.

Head of the Department : Prof. Maitreyi Datta

Programmes on offer : M.A., Ph.D., IMD

Intake capacity : M.A- 90, IMD- 15, Ph.D.- As per vacancy

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Maitreyi Datta	MA, B.Ed, Ph.D.	Professor	Rabindra literature, Fiction	UG-21 Yrs. PG-15 yrs.	04
Dr. Nirmal Das	MA, BEd, MPhil, PhD	Asst. Professor	Folklore, Medieval Literature	PG-6+ yrs.	06
Dr. Rintu Das	MA, B.Ed., MPhil, PhD	Asst. Professor	Tagore Literature, Modern Bengali literature,	PG- 5+ yrs.	
Dr. Paramasree Dasgupta	MA, PhD	Asst. Professor	Medieval Bengali literature, Women's Studies	PG- 5+ yrs.	
Mr. Sayak Mukharjee	MA	Asst. Professor	Modern Bengali literature	PG- 4 yrs.	NA
Ms. Padmakumari Chakma	MA	Asst. Professor	Novel , Tribal Studies	PG- 3+ yrs.	NA

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Dr. Mrinal Kanti Debnath	MA, NET, PhD	Tripura University & Assam University	01 Year
Ms. Mistu Roy	MA, NET- JRF	Tripura University	01 Year

3. Visiting Teacher/ Visiting Fellow :

Name	Institution
Prof. Dilip Kumar Naha	Principal, Thakurnagar Govt. College

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4. Publication Details:

4.1 Books:

Department	All Authors	Title	Publishers	Year	ISBN No.
Bengali	Dr. Nirmal Das	Dwijendralal Roy: Sristir Punhpath (Edited Book)	Tripura Bani Prakashani, Dutta Super Market Agartala, Tripura,799001	May, 2015	ISBN: 978-81-88997-77-0
Bengali	Dr. Paramasree Dasgupta	Pragadhunik Bangla Sahitye Chithipotro, (Book)	Ebong Mushayera, Kolkata	December 2014,	ISBN 978-93-81170-80-9

4.2 Book Chapters:

Dept.	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Bengali	Dr. Rintu Das	Gitimalya: Rabindranather Atmanusandhan	Gita Debnath	Srijanboichitre Rabindranath,	Soikat Prakashani, Agartala,	Feb., 2015	ISBN: 978-93-81585-18-4
Bengali	Dr. Paramasree Dasgupta	Personality-r Woman, Kalantarar Nari: Rabindra Bhabnay Manabi Chetanar Bibartan	Gita Debnath	Srijanboichitre Rabindranath,	Soikat Prakashani, Agartala,	Feb., 2015	ISBN: 978-93-81585-18-4
Bengali	Mr. Sayak Mukherjee	Bangla Swadeshi Gaan O Dwijendralal Roy	Dr. Nirmal Das	Dwijendralal Roy:Sristir Punhpath	Tripura Bani Prakashani, Agartala	May, 2015	ISBN: 978-81-88997-77-0

4.3 List of Publications in peer reviewed (National) Journals/ Books/ Proceedings:

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Bengali	Dr. Paramasree Dasgupta	Chaitanya Deb O Tinti Samprotik Upanyash,	<i>Parichoy</i> ,Edited by Biswabandhu Bhattacharjee, ISSN: 2321-936x	--	January, 2015	49-59

5. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Smt. Mousumi Dhar	Upendrakishor Roy Choudhuri, Sukumar Roy & Lila Majumder-er Shishu Sahitya-TulanamulakAlochana O Samiksha (Title	Prof. Maitreyi Datta	Thesis submitted on July, 2014

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	in short form)		
Sri Swapan Sharma	Bangla Laghu Rasatmak Chhotogalpe Pramath Nath Bishir Kritiswa : Samajik Darshan O ShilpaRiti	Prof. Maitreyi Datta	Thesis submitted by September, 2014
Shanku Maharaj Accharjee	Shatabarser Bangla UpanyaseBangaBahirbhutaPataBhumiSa mparkitaEktaNiriksha : AkkhyangataPrayogBaichitra O ShilpagataNaipunnya	Dr.Nirmal Das	Thesis submitted on July, 2014
Abhijit Chakraborty	Tripurar Bangla Kabya-Kabita	Dr.Nirmal Das	Thesis submitted by September, 2014

6. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	05.11.2014	Bhasachintar Nanadik	Prof. Pabitra Sarkar, Former Vice Chancellor, Rabindra Bharati University
2	24.02.2015	Swadhinata Paroborti Bangla Chhotogalper Gatiprakriti	Prof. Shrabani Paul, Rabindra Bharati University

7. Conference/ Seminar/ Workshops/ Winter schools attended by students/ research scholars of the Department and submitted paper:

Name	Conference/ Seminar/Workshop attended	Duration/ Date	Organized by	Title of the paper presented
Mistu Roy	National seminar	30 th & 31 st November, 2015	Journalism & Mass communication Deptt, G.U	'Langtarai' ebang 'Mathiya' : Ekti Tulona
	National seminar	22 nd & 23 rd August, 2014	Deptt. of English, T.U	Tripurar Itihas Sanskritir Bogyanik Dolil : Mudra
Hamida Khatun	National seminar	14 th & 15 th January, 2015	Kazi Najrul Mahavidyalay	Bangla Upanyase Mukti Juddha, Desh Bhag O Nari
Arupa Chakraborty	National seminar	14 th & 15 th January, 2015	Kazi Najrul Mahavidyalay	Bangla Upanyase Mukti Juddha, Desh Bhag O Nari
	National seminar	22 nd & 23 rd August, 2014	Deptt. Of English, T.U	Uttor Purbanchaler Chhoto Galpo : Samajik Prekshit
Rupasree Debnath	National seminar	22 nd & 23 rd August, 2014	Deptt. Of English, T.U	Bimal Singher Kathasahitye Adibasi Janajiban

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8. Major thrust area of research: Bengali Fiction, Bengali Drama, Bengali Poetry, Folklore, Tagore Literature, Manuscript logy, Medieval Bengali Literature, Bengali literature of Tripura

9. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

NET June, 14	01	GEN	00	ST	00	SC	00	OBC	01	Min	00
NET Dec, 14	04	GEN	00	ST	00	SC	02	OBC	02	Min	00
SET	01	GEN	00	ST	01	SC	00	OBC	00	Min	00

10. Details of Placement of a few Students:

Total	05	GEN	01	ST	00	SC	01	OBC	02	Min	01
Name of the students	Name of the Organization/ Dept.			Posts/Designation				Average annual salary (in Rs.)			
Joy Ghosh	Block Development Office			Block Resource Person				1,80,000 . 00			
Paramita Sarkar	Block Development Office			Block Resource Person				1,80,000 . 00			
Ashis Pal	Block Development Office			Cluster Resource Person				2,16,000 . 00			
Baloram Roy	Navoday Vidyalay			PG Teacher				3,84,000 . 00			
Litan Miah	Navoday Vidyalay			PG Teacher				3,84,000 . 00			

DEPARTMENT OF BUSINESS MANAGEMENT

The Department of Business Management, Tripura University, started in the year 2003. Since the method of instruction for maximising learning should vary from course to course, the department uses a host of pedagogic approaches to achieve this including conceptual clarity, verbal communication, analytical and problem-solving attitudes. Major emphasis is given on developing right attitudes and values besides specialised skills for working in the real world of management. The course also emphasises on case study based learning, industry visit, summer project, computer based learning to cater to the present needs of market.

Head of the Department : Prof. P. Debnath

Year of Establishment: 2003

Programmes on offer : BBA, MBA

Intake capacity : MBA (60), BBA (50)

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/ her supervision
Dr. P. Debnath	M.com, Ph.D.	Professor & Head	Accounting , Finance & Management	25 years	4
Manish Das	B.E.(Mech.), MMM, MBA, NET	Assistant Professor	Marketing and operations management	4 Years	-
Mahasweta Saha (Das)	MBA (Operations & Marketing), B.E.(Mech.)	Assistant Professor	MBA (Operations & Marketing)	4 Years	-
Nirmalya Debnath	BE, MBA and NET	Assistant Professor	Marketing, Systems and Operations	4 Years	-
Anjana Kalai	BBA, MBA and NET	Assistant Professor	Marketing and Entrepreneurship Development	4 Years	-
Purushottam Bhowmik	M. Com., SET, Diploma in Management (IGNOU), PG Diploma in HRM (IGNOU)	Lecturer	HRM	11 Years	-
Tamal Chaudhuri	PGDM (AIMA), LLB, MIMA, MA (PM & IR), M. Phil (Management), MMM	Lecturer	Marketing, Law, HRM	10 Years 6 Months	-
Jayanti Bhattacharya	M.Com., Industrial Accountant (Corporate)-TICA	Lecturer	Finance and Accounting	6 Years 6 Months	-

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2. Guest Teachers/ Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Tandra Sarkar	M. Tech	Tripura University	5 Years & 5 months
Sujit Kumar Saha	M. A. (Economics), Research Scholar, Deptt. of Economics	Tripura University	4 Years
Subhayan Chakraborty	MBA (Finance & EDP)	Tripura University	2 Years
Poulami Shil	MBA (HR & EDP)	Tripura University	2 Years
Debarati Nag	MBA (HR & EDP)	Tripura University	3 Years & 5 months
Pranesh Debnath	M. Com, NET	Tripura University	1 Year
Monalisa Chanda	MBA (Finance & EDP)	Tripura University	1 Year

3. Visiting Teacher/ Visiting Fellow :

Name	Institution
Shri K K Bhargava	Former General Manager (SBI)

4. Publication Details:

4.1 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No
Business Management	Manish Das	Consumer Demographics & Environmental Responsibility: An Empirical Investigation of the Consumers of Tripura	Prabandhan: Indian Journal of Management, ISSN: 0975-2854	Vol: 8, Issue: 5	2015	43-55

4.2 List of other Publications:

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Business Management	Manish Das	Consumer Ethnocentrism and Fashion Apparel Purchase: A Study with reference to Tripura, A Small Northeastern state of India	Development Dynamics, ISSN: 2347-6524	Vol: 2, Issue: 1	2014	

5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	23.04.2015	Portfolio Management and Investment Decision	Prof. Ananda Mohan Pal

6. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
2	2	

7. Major thrust area of research: Entrepreneurship Development, Rural Financing, Challenges in Higher Education, Human Resource Management.

8. New initiatives/Innovations: Soft Skill Development Programme.

9. Details of Placement of a few Students:

Total	03	GEN	03	ST	SC	OBC	Min
Name of the students	Name of the Organization/Dept.			Posts/Designation		Average annual salary (in Rs.)	
Ravi Kumar Singh	Mutha Industries Pvt. Ltd.			Management Trainee		2.4 lakhs	
Sonia Shyam	Thyrocare Pvt. Ltd.			Management Trainee		2.4 lakhs	
Sayantan Das	Thyrocare Pvt. Ltd.			Management Trainee		2.2 lakhs	

10. On-going Research Projects in 2014-15

Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs.)	Grant received during the year	Tenure
Manish Das	Indian Council for Social Science Research (ICSSR)	Consumer Demographics, Consumption Habits, Aculturation of the Global Consumer Culture & Consumer Ethnocentrism: A Rural India Perspective with special reference to Tripura	7 Lakhs	2.8 Lakhs	24 Months

3. Publication Details:

3.1 Book Chapters:

Deptt.	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Commerce	P.K Haldar & S.S. Bhadra	Is Entrepreneurial Inclination in North East A Case of Pushed Entrepreneurship	E. Nixon Singh & A.K. Singh	Entrepreneurship for Economic Development	Lakshi Publisher & Distributors	2015	ISBN-978-93-82120-57-5
Commerce	P.K. Haldar & S. Sengupta	Role of Entrepreneurial Leadership as an Essential Requisite for the Success of SHGs	E. Nixon Singh & A.K. Singh	Entrepreneurship for Economic Development	Lakshi Publisher & Distributors	2015	ISBN-978-93-82120-57-5
Commerce	P.K. Haldar, R. Deb Roy, & S.M.M. Rahman	Entrepreneurial Leverage of cross border trade between Tripura & Bangladesh	E. Nixon Singh & A.K. Singh	Entrepreneurship for Economic Development	Lakshi Publisher & Distributors	2015	ISBN-978-93-82120-57-5
Commerce	P.K. Haldar & Bindu Pal	Is Entrepreneurship motivation at stake in Insurance as well as financial sector?	E. Nixon Singh & A.K. Singh	Entrepreneurship for Economic Development	Lakshi Publisher & Distributors	2015	ISBN-978-93-82120-57-5
Commerce	P.K. Haldar & Ratan Deb	Inclusive Entrepreneurship in Northeast India-An analytical study	E. Nixon Singh & A.K. Singh	Entrepreneurship for Economic Development	Lakshi Publisher & Distributors	2015	ISBN-978-93-82120-57-5
Commerce	P.K. Haldar & Lokanath Mishra	Changing Face of Corporate Social Responsibility: An Exploratory Study of Indian Companies	S. Jain	Emerging Trends in Business and Economy	Excel India Publisher	2015	ISBN. 978-93-5062-614-6
Commerce	Lokanath Mishra & P.K. Haldar	An Empirical Study on the Ascendancy of Corporate Board Attributes on Firm	S. K. Majumdar, L. Mishra, P. Mishra & S. Mundra	Growth Globalization & Governance: Promises & Challenges	Excel India Publisher	2015	ISBN. 97893-83-8429884

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		Performance					
Commerce	P.K. Haldar & S.M.M. Rahman	CSR Vision and Performance of Commercial Banks in Bangladesh	S. K. Majumdar, L. Mishra, P. Mishra & S. Mundra	Growth Globalization & Governance: Promises & Challenges	Excel India Publisher	2015	ISBN. 97893-83-8429884

3.2 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Deptt.	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Commerce	P.K. Haldar & S.S.Bhadra	A Narrative Accounting Practices in Indian Steel and Cement Industry	Management Convergence	Vol. 6 (1)	Jan. 2015	1-12
Commerce	P.K. Haldar & B.K.Das	The role of corporate social responsibility in rural Development: A study of Oil & Gas PSUs in Northeast India	Time's Journey	Vol. 3 (1)	Nov. 2014	28-41
Commerce	P.K. Haldar & Lokanath Mishra	The Changing Facets of Corporate Governance and Corporate Social Responsibilities in India and their Interrelationship	Information Management & Business Review	Vol. 7	2015	6-16
Commerce	P.K. Haldar & Lokanath Mishra	Study of the Ramification of Mandated Changes in Corporate Social Responsibilities in India.	Journal of Commerce & Business Studies. Delhi School of Economics, DU.	Vol. 1(2)	2014	27-37
Commerce	C. Roy & S. Das	Cost and Revenue Efficiency of State Co-operative Banks in India: Evidence from North-East Using data Envelopment Analysis	Vinimaya (A Journal of National Institute of Bank Management)	Vol. 35 (4)	January -March, 2015	32-54
Commerce	C. Roy & P. Debnath	Earning Management Practices in Financial Reporting of Public Enterprises: An Empirical Test with M-Score	Hind Business Review (A Journal of Assam University)	Vol. 1 (1)	June, 2015	7-14
Commerce	S. K. Sen , S. Gupta & I. Mukhopadhyay	A Game Theoretic Analysis of a Regional Approach toward the Sustainability of Kolkata-Agartala	Rabindrabharathi University Journal of Economics	Vol. 8 (1)	2014	24-44

		Transshipment Route				
Commerce	Rajat Deb	Problems and Prospects of Doing Business in Tripura	Journal of Entrepreneurship & Management	Vol.3 (3)	October 2014	30-41
Commerce	Rajat Deb	Perception of Passengers about Auto Services in Agartala	PRiMa Practices & Research in Marketing (Journal of Symbiosis Center for Management and Human Resource Development, Pune)	Vol. 5(1/2)	2014	1-11
Commerce	Rajat Deb	Improving Government Accounting Practices	The Indian Journal of Commerce (Journal of Indian Commerce Association)	Vol. 67(3)	July-Sept., 2014	74-85
Commerce	Rajat Deb	An Empirical Study on Bank Locker users of some selected areas of Agartala	Journal of Science, Technology & Management [Journal of Mar Athanasios College for Advanced Studies (MACFAST), Tiruvalla , Kerala]	Vol. 7(4)	Sept.-Dec., 2014	342-351
Commerce	Rajat Deb	A Practical Approach Towards Managing Government Funds in Tripura	International Journal of Business Ethics in Developing Economies	Vol. 4(1)	June, 2015	25-34
Commerce	Rajat Deb & A. Datta	ATM Withdrawal Restriction and Customer Retention: A Case with Students and Pensioners	International Journal of Banking, Risk & Insurance	Vol. 3 (1)	March, 2015	46-58
Commerce	Rajat Deb	An Inquiry to the Problems and Prospects of Indo-Bangla Trade in Agartala Land Customs Station	Amity Business Review (Journal of Amity Business School, Amity University, Noida, U.P.)	Vol. 16 (1)	January-June, 2015	13-31
Commerce	Rajat Deb & A. Paul	Investors' Perceptions about KisanVikas Patra	Journal of Commerce &	Vol. 4 (2)	2015	27-43

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		(KVP): Evidence from Agartala	Accounting Research			
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4. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	20 th July, 2015	One day Workshop on "Contents cum Pedagogy of B. Com. Curriculum"	Prof. D.R. Dandapat, Department of Commerce, University of Calcutta
2	24 th November, 2014	New Companies Act	Prof. J.P. Sharma, Department of Commerce, Delhi School of Economics, Delhi University

5. Major thrust area of research:

- Entrepreneurship
- Financial Inclusion
- Financial Reporting Practices
- Banking

6. New initiatives/Innovations:

- i) Introduction of Departmental Library
- ii) Wall Magazine

7. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

SET	2	GEN	2	ST	0	SC	0	OBC	0	Min	0
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8. Details of Placement of a few Students:

Total	GEN	ST	SC	OBC	Min
Name of the students	Name of the Organization/Dept.	Posts/Designation	Average annual salary (in Rs.)		
Sourav Shil	UCO Bank	Probationary Officer	5,00,000		
Haridata Jamatia	UCO Bank	Probationary Officer	5,00,000		
Nabendu Debnath	NIT, Agartala	Assistant Professor	4,20,000		

DEPARTMENT OF ECONOMICS

The Department of A & A Economics was established in the year 1978 under Tripura University and very recently the name of the Department was rechristened as Department of Economics. The Department offers Integrated Master's Degree in Economics, Postgraduate and Doctoral Programmes. The teaching activities of the Department have acquired a wider perspective with the introduction of Integrated Master's Degree in Economics from the academic year 2011-12. At the Post Graduate level, the Department offers four special papers: Economics of Rural Development and Planning, Environmental Economics, Health Economics, Econometrics and Statistics. The syllabus also incorporates the regional and local issues related to economic development of North East Region and the State. The students of the Department are successfully qualifying UGC (NET) as well as SET and many alumni of the Department are placed in state civil services, banks, colleges, universities and other government and private institutes. In 2011 the Department has acquired Special Assistance Project (SAP) under UGC-DRS-I scheme of UGC for 5(five) years. The Department is actively involved in innumerable projects and other academic and policy collaborations and consultancies.

Head of the Department : Dr. Jahar Deb Barma
 Year of Establishment : 1978 (Under CUPG Centre)
 Programmes on offer : Ph. D, P.G., IMD
 Intake capacity : P.G.-26+IMD; IMD-15; Ph.D- 8 Maximum per Guide

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Paramita Saha	M.Sc., Ph.D.	Associate Professor	Population Ageing, Gender Studies and Rural Development	26	03
Ashish Nath	M. Sc., M.Phil, Ph.D.	Associate Professor	Growth economics, Industrial Economics, Technology Transfer	21	04
Jahar Deb Barma	M.A., LLB, Ph.D.	Associate Professor	Agricultural economics, North East economy, Rural Development	19	05
Indraneel Bhowmik	M.A., Ph.D.	Associate Professor	Agricultural Economics, Economy of NER	13	05
Salim Shah	M.Sc.	Assistant Professor	Development Economics, Health Economics	11	--
Dilip Kr. Rana	M.A	Assistant Professor	Quantitative Techniques, Growth and Development	11	--

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2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Pradip Chouhan	M.Sc.	Tripura University	01
Sujit Kumar Saha	M.Sc.	Tripura University	01

3. Publication Details:

3.1 List of publications in peer reviewed Journals/ Books/ Proceedings published in India

(National):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Economics	Paramita Saha, Mamoni Kalita	Determinants of Female Work Participation and Labour Supply Behaviour of Urban Women in Tripura: A Logit Estimation	Social Change and Development – Journal of OKD Institute of Social Change and Development ISSN:0975-4016	Vol.XII-No.1	2015	77-87
	Paramita Saha, Soma Debanth	Implementation Efficiency of MGNREGA : A Study of Indian States Using Data Envelopment Analysis	Indian Journal of Economics and Development ISSN 2277-5412(Print) 2322-0430(online)	Vol. 11- No. 3	2015	631-636
	Jahar Deb Barma, Alpana Bhattacharjee	Performance of Women Self Help Groups in Agartala Municipal Council Area	Development Dynamics, Vol 2 No.1 : ESSOT, Agartala ISSN 2347 6524	Vol. II	2015	1 - 17
	Indraneel Bhowmik, Pritam Bose	Efficiency and Impact of MGNREGS in Tripura	<i>Social Change and Development</i> , OKDISCD	Vol XII No.1	2015	1-16
	Pritam Bose, Indraneel Bhowmik	Efficiency of MGNREGS in Tripura: An Application of DEA Approach	Development Dynamics, Vol 2 No.1 : ESSOT, Agartala 2015 ISSN 2347 6524	Vol 2	2015	58-75
	Niranjan Debnath, Salim Shah	Regional Disparity in terms of Economic Well-being using	Vidyasagar University Journal of Commerce	Vol. 20	2015	31 - 58

		Multidimensional Poverty Index: A case study in Tripura				
	Lathlamuana Darlong Research Scholar	Social Exclusion: With reference to Educated Unemployed Youth (EUY) in Tripura	Equal Opportunity in the context of social and Human Development, New Delhi Publishers, New Delhi, ISBN: 978-93-81274-60-6		2015	145-155

3.2 List of other Publications:

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Economics	PK Viswanthan, Indraneel Bhowmik	Compatibility of Institutional Architecture for Rubber Plantation Development in North East India from a Comparative Perspective of Kerala	NRPPD Discussion Paper, Centre for Development Studies, Thiruvananthapuram	No. 38	2014	1- 68

4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/Awarded
Prabir Ghosh	Competitiveness and Export Potential of Major Products from the Selected States of NE India	Ashish Nath	Registered
Rajesh Datta	An Economic Analysis of the Indian Stock Market in the Post Liberalisation Period	-do-	Registered
Jadab Ch. Bhattacharya	Well-being in Indian States: A Multi-dimensional Welfare Approach	Indraneel Bhowmik	Registered
Vanlalrema Kuki	A Comparative Study on the Plantation -based Rehabilitation Models for Jhumias of Tripura	-do-	Registered
Rituparna Poddar	Growth Performance of North Eastern States – An Economic Exploration	-do-	Registered

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5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1.	13-15 September 2014	Second Workshop On Official Statistics In North Eastern States	Prof. M.P. Bezbaruah Gauhati University Prof. Dilip Nath, Gauhati University Prof. Prasanta Pathak, ISI Kolkata Dr. Alope Kar, ISI Kolkata Dr. Sandip Mitra, ISI Kolkata
2	20-21 November, 2014	Training Programme on Research Issues and Methods in India's Plantation Sector	Prof. Amit Shobhan Ray, CDS Prof. K. J. Joseph, CDS Prof. D. Narayana, KSPB Prof. U.S. Mishra, CDS Dr. Vinoj Abraham, CDS Dr. Vijaymohan Pillai, CDS Dr. C. Veeramani , IGIDR Dr. P.Baurah, TTRI Dr. Chandrasekharan Nair, Rubber Board
3.	7 January, 2015	4 th Prof. JB Ganguly Memorial Lecture	Prof. Malabika Dasgupta
4	8-9 January, 2015	16 th Annual Conference of North Eastern Economic Association	Mr. Jitendra Choudhury, MP Dr. VK Bahuguna, Principal Secretary, Govt. of Tripura Mr. VP Mahawar, Executive Director, ONGC Prof. Lianzela, Mizoram University Prof. Hiranya Nath, Sam Houston State University, Texas, USA Prof. Sushil Kumar Halder, Jadavpur University Mr. Paban Sarma, PMP,CSM, Six Sigma GB Vice President, Sogeti, USA Prof. Amar Yumnam, Manipur University

6. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Paramita Saha, Associate Professor	National Seminar on 'Tripura in 21st Century: Development Experience'	May 2015	ESSOT, Agartala,	Chaired Technical Session II
	16 th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University	Chaired Technical session
Ashish Nath, Associate Professor	National Seminar on 'Tripura in 21st Century: Development Experience'	May 2015	ESSOT, Agartala,	Chaired Technical Session IV

	UGC-SAP Seminar	March 2015	Department of Economics, Gauhati University, Guwahati	An Exploratory Study on the state of Public Finances in Tripura
	16th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Development Induced Displacement- A Case Study of Palatana Power Project
	16th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Pattern and Sectoral Distribution of Employment in the North Eastern States of India
	16th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	A Study of Retail Investor Behaviour on Investment in Stock Market in Agartala
	Workshop on Sub-Regional Co-operation: India, Bangladesh and Myanmar	November, 2014	ICRIER at Guwahati	Cross Border Trade between Bangladesh and Tripura
	Stakeholder Workshop	July, 2014	Centre for Policy Research at MAKAIAS, Kolkata	Bangladesh and Tripura- Issues and Opportunities for Increased Cooperation
Jahar Deb Barma, Associate Professor	National Seminar on 'Tripura in 21st Century: Development Experience'	May 2015	ESSOT, Agartala,	Chaired Technical Session I
	National Seminar on 'Tripura in 21st Century: Development Experience'	May 2015	ESSOT, Agartala,	PMGSY in Tripura: An Economic Analysis
	Two Days Training Programme on Education and Skill Development of Youth in Tripura	January, 2015	Ambedkar College, Fatikroy	Employment Opportunities in Agricultural Sector
	16th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Mitigating Deprivation through Women Self- Help Groups: A Case Study
	16th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Gender Deprivation Among Slum- Non Slum and Within Slum
Indraneel Bhowmik, Associate Professor	National Seminar on 'Tripura in 21st Century: Development Experience'	May 2015	ESSOT, Agartala,	Efficacy of Government Social Security Measures on Rubber Plantation Workers in Tripura
	National Seminar on 'Tripura in 21st Century: Development Experience'	May 2015	ESSOT, Agartala,	Urban Profile of Tripura: Exploring the Census 2011
	National Seminar on 'Tripura in 21st Century: Development Experience'	May 2015	ESSOT, Agartala,	'Tripura in 21 st Century: Development Experience' (Keynote Address)

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	UGC-SAP Seminar	March 2015	Department of Economics, Gauhati University, Guwahati	An Exploratory Study on the state of Public Finances in Tripura
	Ph. D Workshop	January, 2015	ICFAI University, Agartala	'Sampling Design, Questionnaire Design and Data'
	16th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Exploring the Relative Growth & Trend of Rubber Price, Farm Income and Labour Wages in the Rubber Plantations of Tripura
	16th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Growth experiences in North Eastern States
	Workshop for Faculty Members	September, 2014	Sylhet International University, Sylhet	Techniques of Data Analysis for Business Research by SPSS
	Stakeholder Workshop	July, 2014	Centre for Policy Research at MAKAIAS, Kolkata	Bangladesh and Tripura- Issues and Opportunities for Increased Cooperation
	ICSSR sponsored Workshop on SPSS	July, 2014	Ambedkar College, Fatikroy, Unakoti	'On Regression'
	UGC Orientation Course (Resource Person)	July, 2014	Academic Staff College, Manipur University, Canchipur, Imphal	Gary Becker- A Tribute
	UGC Orientation Course (Resource Person)	July, 2014	Academic Staff College, Manipur University, Canchipur, Imphal	A Different Perspective on the FIFA World Cup
	UGC Orientation Course (Resource Person)	July, 2014	Academic Staff College, Manipur University, Canchipur, Imphal	The Indian Rubber Economy with special focus on the North Eastern Region
	UGC Orientation Course (Resource Person)	July, 2014	Academic Staff College, Manipur University, Canchipur, Imphal	On Union Budget 2014: Issues and Expectations
Salim Shah, Assistant Professor	Two Days Training Programme on Education and Skill Development of Youth in Tripura	January, 2015	Ambedkar College, Fatikroy	Higher Education and Skill Development
	16th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University	Some Emerging Issues in Multidimensional Poverty: A Case Study in Tripura
	16 th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University	A Case Study of Intergroup Disparity in Social Deprivations: Using Multidimensional Poverty

				Index
	46 th Regional Science Conference and National Seminar on "Underdevelopment of the North East Region and the Indian State"	November, 2014	Department of Geography, NEHU	Regional Disparities and Inequalities: A Comparative Study in Tripura
Dilip Kumar Rana, Assistant Professor	Invited Lecture	March, 2015	Govt. Degree College, Dharmanagar	Poverty Alleviation Efforts Through Decentralization in India
	16 th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University	Linkage between Population, Growth and Employment in Tripura
	Two Days Training Programme on Education and Skill Development of Youth in Tripura	January, 2015	Ambedkar College, Fatikroy	The Trend of Education to Development of Skills of Youth: A Brief Profile of Tripura
Prabir Ghosh, Research Scholar	16 th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Development Induced Displacement- A Case Study of Palatana Power Project
Samir Debnath Research Scholar	16 th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Pattern and Sectoral Distribution of Employment in the North Eastern States of India
Alpana Bhattacharyya Research Scholar	16 th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Mitigating Deprivation through Women Self- Help Groups: A Case Study
Manisha Karmakar Research Scholar	16 th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Gender Deprivation Among Slum- Non Slum and Within Slum
Rajesh Datta Research Scholar	16 th Annual Conference of North Eastern Economic Association	8-9 January, 2015	Department of Economics, Tripura University	A Study of Retail Investor Behavior in Investment decision Especially in Stock Market in Agartala
Vanlalrema Kuki Research Scholar	16 th Annual Conference of North East Economic Association	8-9 January, 2015	Organised by Department of Economics Tripura University	Horticulture Based Livelihood in Tripura: A Case Study of Baramura-Deutamura Hill Dwellers
	National Seminar on 'Tripura in 21st Century: Development Experience'	23-24 May, 2015	Economic Science Society of Tripura (ESSOT)	An Exploratory Study of Jhumias Rehabilitation Programmes in Tripura
Pradip Chouhan Research Scholar	16 th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Exploring the Relative Growth & Trend of Rubber Price, Farm Income and Labour Wages in the Rubber Plantations of Tripura

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	National Seminar on 'Tripura in 21st Century: Development Experience'	May 2015	ESSOT, Agartala,	Efficacy of Government Social Security Measures on Rubber Plantation Workers in Tripura
Rituparna Poddar Research Scholar	16th Annual Conference of North East Economic Association (NEEA)	January, 2015	Department of Economics, Tripura University, Suryamaninagar,	Growth experiences in North Eastern States
Soma Debnath Research Scholar	16 th Annual Conference of North Eastern Economic Association	8-9 January, 2015	Department of Economics, Tripura University	Gender Inclusion in MGNREGA
	2 Day National Seminar On 'Tripura In 21 st Century: Development Experience''	23-24 May, 2015	Economic Science Society of Tripura (ESSOT)	Women Empowerment and MGNREGA: A Study in Tripura
Pritam Bose Research Scholar	Two Day National Seminar On 'Tripura In 21 st Century: Development Experience''	23-24 May, 2015	Economic Science Society of Tripura (ESSOT)	"Urban Profile of Tripura: Exploring the Census 2011"
Lathlamuana Darlong Research Scholar	National Seminar Organised	11th-12th August, 2015	Ambedkar College, Fatikroy, Tripura.	Educational Facilities for Muslims in Assam

7. Major thrust area of research:

- Economic Growth and Trade
- WTO related issues
- Financial Inclusion
- Labour Issues in MGNREGS
- Rubber Plantations and Forestry

8. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

NET June, 2014	1	GEN	1	ST	0	SC	0	OBC	0	Min	0
NET Dec., 2014	1	GEN	1	ST	0	SC	0	OBC	0	Min	0
SET	2	GEN	2	ST	0	SC	0	OBC	0	Min	0

9. On-going Research Projects in 2014-15

Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Ashish Nath	UGC	Globalization and its Impact on the Industries of Tripura with special reference to the Small Scale Sectors	6.49 lakhs	-	2 years
Indraneel Bhowmik	NRPPD, CDS	Labour Relations in the Small Rubber Plantations of Tripura	0.75 lakhs	0.75 lakhs	3 months

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DEPARTMENT OF EDUCATION

The Department of Education, Tripura University started its journey in September, 2011 with two faculty members. The department welcomes students not only from Tripura but also from the rest of India and focuses to promote interdisciplinary teaching, research and extension work. The Department has committed faculties from diverse background and experiences.

Head of the Department : Dr. Tinku De (Gope) Year of Establishment: 2011
Programmes on offer : M.A., Ph.D., IMD
Intake capacity : 20

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Tinku De (Gope)	M.A B.Ed , Ph.D	Assistant professor	Teacher Education , History of Education	11 years	3
Dr. Subhash Sarkar	M.A, B.Ed, Ph.D	Assistant professor	Measurement &Evaluation in Education, Psychology of Intelligence & Creativity.	11 years	2
Dr. Rajendra Prasad	M.A, M.Ed., M.Phil, NET, Ph.D.	Assistant professor	Education measurement &Evaluation, Educational Technology	03 years	3

2. Publication Details:

2.1 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Department of Science And Education	Dr. Rajendra Prasad	The Effect of Teacher Training Programme on Self Concept, Self Confidence, Teaching Competency and Role Commitment of Special Teacher Trainees	American Journal Of Educational Research, USA	12A	2014	22-30

3. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research Topic	Name of Guide	Registered/Theses submitted/ Awarded
Miss.Baishakhi Bhattacharjee		Dr. Rajendra Prasad	Registered

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Sukanya Bhattacharjee		Dr. Tinku De (Gope)	Registered
Kamal Deb		Dr. Rajendra Prasad	Registered

4. Seminar/Conference/Workshops/Symposia Lecture/Talk/Cultural Programme organized by the Dept.:

Sl. No.	Date	Title	Speakers
1	21 st to 30 th March	Ten- Days Research Methodology Workshop for Ph.D. Scholars in Social Sciences Sponsored by UGC New Delhi	18
2	17 November	International Students Day & Panel discussion on “Shikshit Bharat, Saksham Bharat”- Quality Education for All	3

5. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Dr. Rajendra Prasad	Third Dubai Higher Education Conference	1-3 February, 2015	Michigan State University, Dubai	Special Teacher Training Programme for Disabled

6. Major thrust area of research: Teacher Education, Educational Psychology, Educational Testing, Measurement and Evaluation, Educational Policy and Planning, Educational Sociology Curriculum Development and Pedagogy, Research in Creative Functioning and Women Education.

7. On-going Research Projects in 2015-16

Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs.)	Grant received during the year	Tenure
Dr. Rajendra Prasad Dr. Tinku De (Gope){ Co P I}	Indian Council Social Sciences Research. New Delhi	Internet Usage and Study Habit Academic Achievements And Of Secondary Students Of West Tripura	8 Lakhs	January 2015	20 th December 2015 to 20 th 2016

DEPARTMENT OF ENGLISH

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 organised 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.

Head of the Department: Prof. Ashes Gupta

Programmes on offer : IMD, MA, PhD.

Intake capacity : Ph.D-48, M.A-100, IMD-10

1. Fulltime Faculty Members : 06

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Prof. Shyamal Das	Ph.D	Professor	Grammar, Phonetics, Phonology, Morphology, Syntax, Sociolinguistics and ELT	26	03
Prof. Ashes Gupta	Ph.D	Professor	Colour Theory; Indian English Literature (with Special ref. to NE lit.); Translation Studies, American Lit. and Popular Lit.	18	06
Dr Partha Sarathi Gupta	Ph. D	Assistant Professor, Stage II	Renaissance Studies, Shakespeare, Modern and Post-modern Literary Criticism and Theory, Indian Drama in English	13	
Dr. Somdev Banik	PhD	Assistant Professor, Stage II	Post-colonial Lit, Culture Studies.	11	02
Dr. Choitali Gorai	PhD	Assistant Professor	Renaissance and Victorian Literature, Critical Theory, Post-colonial Literatures.	05	02
Dr. Ksh. Premchandra Singh	PhD	Assistant Professor	Modern Fiction, NE literature, Folklore, Culture Studies	04	

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2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Sri. ChutanDey	MA NET	Tripura University	1
Sri Uttam Chakraborty	MA, NET, SLET	Tripura University	6

3. Publication Details:

3.1 Books:

Department	All Authors	Title	Publishers	Year	ISBN No.
English	Shyamal Das (Co-author)	Kokborok Morphology and Phonology	Akansa Publishing House, ND	2015	978-81-8370-421-2
English	Ksh. Premchandra Singh	<i>Hijan Hirao: Text, Context, and Translation</i>	Kakching: Sahitya Seva Samiti	2015	978-81-93067-22-2
English	Prof. Ashes Gupta, Dr. Somdev Banik, Dr. Parthasarathi Gupta, Dr. Chaitali Gorai, Dr. Ksh. Premchand Singh.	<i>Phoenix: A textbook of Compulsory English for BA/BSc/ BCom. TU</i>	Orient Blackswan	2015	9788125057536

3.2 List of Publications in peer reviewed (National) Journals/ Books/ Proceedings:

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
English	Prof. Ashes Gupta	Translations of Indian English poems by Harindranath Chattopadhyay, Hoshang Merchant and Mamang Dai from English to Bengali.	Mondal, Somdutta and Soma Mukhopadhyay ed. Bharatiya Engreji Kobita. Published by Abhijan Publishers Kolkata. ISBN 978-93-80197-07-4		Feb.2013	P:41,42, 99-101,129-131
		Performing the Divine: Hara-Gourir Naach and the ritual of the damned/blessed body.	Muse India, ISSN: 0975-1815. http://www.museindia.com	Issue 58.	Nov-Dec. 2014	

		Writing life's little madnnesses: Mamang Dai and the weaving of a magico-poetic gaale.	Indian Literature In English: Mapping The Contemporary Literary Landscape, edited by Himadri Lahiri, Arnab kumar Sinha and Sajalkumar Bhattacharya, to be published by Creative Publishers, New Delhi. Accepted for publication	Vol II		
		Phoenix: A textbook of Compulsory English for Foundation Course of BA/BSc/ BCom, Tripura University.	Chief Editor, Suggested text book for BA/BSc/ BCom. Compulsory Foundation English, TU; Orient Blackswan.			
		Bhakti and the popular cinema: The Dynamics of devotion and depiction in 'Maner Manush', a film by Gautum Ghosh, in the edited volume on 'Rethinking Bhakti'(accepted for publication).	Kanakadasa Adhyana Peeta & Kanakadasa Research Centre, Mangalore University, Manasagangothri, Mangalore, Karnataka.			
		The Laughter Mechanism:Refugee influx, erosion of cultural space, tension and subsequent negative stereotyping in popular Bengali cinema.	<i>Humour: Effect in Literature, Stage & Screen.</i> Edtd. By Dr. Piyali De Maitra and Dr. Prasenjit Chattopadhyaya, Script: Kolkata. 81-7864-189-5ISBN			2015 March

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	Dr. Parthasarathi Gupta	“Desacralization of Context in Modern Indian Theatre”	Muse India: Nov-Dec 2014. ISSN: 0975-1815	Issue 58	Nov-Dec 2014	
		“Writing Orality, Telling Histories: A Study of the Oral Narratives of the Bongcher Community of Tripura in English Translation” Pp 113-123	Gender Perspectives: South Asian Writings in English and in English Translations. Eds, Basudeb Chakraborty and A. S. Chandel.. Gangtok: Sikkim Univ Pub,2014.		2014	113-123
		“Indian English Fiction – The Fruit Inevitable: A Review”	Rupkatha Journal on Interdisciplinary Studies in Humanities: An Online Open Access Journal, Vol 6, No: 3, 2014. (www.rupkatha.com) ISSN: 0975-2935. Pp 154-161	Vol 6, No. 3	2014	154-161
		“Writing as Sacrilege: An assessment of the Act of Translating Folk Tales of the Hills of Tripura”	Culture, Ethnicity and Identity: A Reader, Eds Jyotirmoy Prodhani and R S Thakur, PP151-158. ISBN 978-81-86307-77-9. DVS Publications, Gauhati, 2014.		2014	151-158
	Dr. Ksh. Premchandra Singh	Bullet, Bomb, and Voices in the The Sound of Khongji	Spectrum, , ISSN 2319-6076	Vol. 3, Issue 1	pp. 11-18,	June, 2015,
		The Hanndmaid’s Tale: The Curse of Being ‘Fertile’	Spectrum, ISSN 2319-6076	Vol. 3, Issue 2,	pp. 19-27,	July-Dec., 2015,

		Phoenix: A Textbook of Compulsory English for Foundation Course of BA/BSc/ BCom, Tripura University.	Co-Editor, Suggested text book for BA/BSc/ BCom. Compulsory Foundation English, TU; Orient Blackswan.			2015
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4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year:

Name of Scholars	Research topic	Name of Guide	Ph.D. status
Ms. Sharmistha Roy	Investigating vampirism as a cultural construct for analyzing cultural phenomenon.	Prof. Ashes Gupta.	Thesis submitted.
Ms. Shreya Ghosh	Analysing and situating detective fiction in an alternative canon with special reference to Feluda stories in English translation	Prof. Ashes Gupta	Registered, successfully presented Pre- Submission Public Seminar
Ms. Emily Sharma	Interrogating Feminism in Indian perspective: Issues of theory and praxis.	Prof. Ashes Gupta	Registered.
Ms. Suparna Saha	Convergences and Divergences: A Comparative study between Bengali Folktales and Reang Folktales.	Prof. Ashes Gupta	Registered.
Mr. Benjamina Darlong	Oration and Tradition: A study of Darlong Folktales and Folk songs	Prof. Ashes Gupta	Registered.
Ms. Chitra Chakma	Analysing Chakma folk ballads: discovering patterns of migration, transformation and adaptation.	Prof. Ashes Gupta	Registered.
Ms. Sukla Singha	Analyzing and situating English Poetry of the North-East towards the formulation of an alternative canon: Problems and issues with reference to select poets and texts	Prof. Ashes Gupta	Registered
Jhuma Majumder	Racist Prejudice and Stereotypes in Children's Literature in English	Dr. Somdev Banik	Registered
Lydia Vanlalringi	A Narrative of Folkways: Introspection into the Kaipeng Oral Literature	Dr. Somdev Banik	Registered

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Uttam Chakraborty	A Prosodic Study of the Noakhali Dialect of Bangla and its Implication for Teaching and Learning of English as a Second Language by the Native Speakers of the Dialect	Prof. Shyamal Das	Thesis submitted. Viva-voce done. Final result awaited.
Arpita Goswami		Prof. Shyamal Das	Registered
Barnita Majumder	Teaching English in Govt. Vernacular Medium and English Medium Schools in Tripura: A Review of Teaching Methods	Prof. Shyamal Das	Registered
Sheela Debbarma		Dr. Chaitali Gorai	Registered

6. Seminar/ Conference/Workshops/Symposia organized by the Department:

Sl. No.	Date	Title	Speakers
1	22 nd and 23 rd August, 2014.	Imaging and Imagining the North East: Discourses on North Eastern Literature, Culture, Creativity and Criticism	Prof. Jyotirmoy Pradhani, Dept. of English, NEHU. And, Smt. Mitra Phukon, Eminent Writer in English, as well as 72 paper presenters from Tripura and beyond.
2	7 th to 14 th July, 2015.	7-day Certificate Course on Book Publishing organized by the Dept, sponsored and resourced by National Book Trust, MHRD, Govt. of India	Empanelled Resource Persons of NBT both from the state and beyond.
3	28.2.2014	Lecture on 'Literature & Cinema'	Prof. B. Diwakar, Dept. of Journalism and Mass Communications, Jamia Milia Islamia Univ., Delhi.
4	7.3.2014	Lecture on 'The Odes of John Keats'	Prof. Chidananda Bhattacharya, Dept. of English, Rabindra Bharathi University, Kolkata.
5	7.3.2014	Lecture on 'Deconstruction'.	Prof. Th. Ratan Kumar Singh, Manipur University, Manipur.
6	23.8.2014	<i>NE Writers' Speak</i> - A Panel Discussion and Reading of Excerpts by writers from the North East	Panelists: Smt. Mitra Phukon, ArindamNath, Akbar Ahmed, Ashok Deb, Kalyan Gupta, Nanda Kumar

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			Debbarma.
7		Lecture on 'Rasa' in Dance	Prof. Mandavi Singh, VC, Indira Gandhi Kala Viswavidyalay, Kheyragarh

7. Conference/ Seminar/ Workshops/Symposia attended by the teachers:

Name	Conference/ Seminar/ Workshop attended	Duration/ Date	Organized by	Title of the Paper presented
Prof. Ashes Gupta	Resource Person in the Refresher Course: Transcending the Canon: Emerging Indian Literatures in the New Boundaries.	10-30th March, 2014.	Dept. of English, NEHU, Shillong.	Five Lectures on North Eastern Literature, Culture, Translation, Documentary Making, Aesthetics,etal.
	Resource Person in the National Symposium 'Reflection on Present Day Education System in India from a Gandhian Perspective'.	10th Nov. 2014.	Centre for Gandhian Studies, Tripura University.	Title of the deliberation: Cartooning the Mahatma: Visuals and Familiarity.
	Organising Secretary of the 2 Day National Seminar: 'Imaging and Imagining the North East: Discourses on North Eastern Literature, Culture, Creativity and Criticism.'	22nd and 23rd August, 2014.	Dept. of English, Tripura University with support from the North East Writers' Forum.	Screened a film directed (Hon.) Vanaaj: in search of Green. ALSO Chaired a Session titled- Imaging and Imagining: NE Media and Culture.
	Resource Person for Special Lecture in the UGC Sponsored National Seminar on 'Humour: Effect in literature, Stage and Screen'.	November 13th -14th, 2014.	Sree Chaitanya Mahavidyalaya, Habra Prafullanagar, North 24 Parganas, West Bengal.	Laughter Mechanism: Refugee influx, erosion of cultural space, tension and subsequent negative stereotyping in Popular Bengali Cinema
	Panelist and Resource Person in World Book Fair, 14-22nd February 2015 on theme Suryodaya: Emerging Voices	20th February 2015.	New Delhi World Book Fair (NDWBF) organized by	Panel Discussion: My Land My Stories: Children's

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	from Northeast India.		National Book Trust, India, Government of India (Ministry of Human Resource Development), from	Literature from Northeast India.
	Resource Person in ‘Two-Day National Workshop on Creative Writing in English’.	21st-22nd May, 2015.	Dept. of English, Shillong College and North East Writers’ Forum.	Lecture on- Opening a New World: The Art of Book Review.
	Organising Secretary for 7-day NBT Training Course in Book Publishing at Dept. of English, Tripura University	7 th to 14 th July, 2015,	Dept. of English, Tripura University and National Book Trust, India, MHRD, Govt of India	
	Resource Person in 7-day NBT Training Course in Book Publishing at Dept. of English, Tripura University.	7 th to 14 th July, 2015,	Dept. of English, Tripura University and National Book Trust, India, MHRD, Govt of India	Addressed sessions on: 1. Book: Evolution, Concept and Perception. 2. Reading Strategies. 3. Book Production in Tripura.
	Resource Person in Three day orientation programme on ‘Women’s Studies as an Emerging Discipline’	3 rd -5 th , September 2015.	Women’s Studies Centre, Tripura University.	Configuring the woman reader/ viewer/ listener: a few intriguing questions.
Dr. Somdev Banik	International Conference on Social Inequality and Literature	16-17th Jan 2014	Dept. of Beng, TU & ICSSR, New Delhi	“Deminising Disability: Practising Social Inequality through Literature”
	A Panel discussion on Women and Science	25th Feb 2014	Womens’ Study Centre, TU	“From Orality to the “Scientific”: The Politics of Subjugation of Women”
	National Seminar on Imaging and Imagining the North-East:	22nd-23rd August,	Dept. of English,	“Imaging North-

	Discourses on North-Eastern Literature, Culture, Creativity and Criticism.	2014	Tripura University.	East as a Tourist Destination: A Study of Incredible India Tourist Brochure”
Dr. Partha Sarathi Gupta	International seminar: Patriarchy and Gender in Colonial and Post-Colonial South Asia	16-17 January, 2015	ICSSR AND ICHR, MHRD And Dept of Higher Ed, Govt of Tripura and Kabi Nazrul Mahavidyalaya, Sonamura, Tripura	Patriarchy and the Postmodern Condition: Studying Popular Culture. Also, chaired a session in the same seminar on 17th January, 2015.
Dr. Ksh. Premchandra Singh	National Seminar on Imaging and Imagining the North-East: Discourses on North-Eastern Literature, Culture, Creativity and Criticism.	22nd-23rd August, 2014	Dept of English, Tripura University	“Forest Gods in Disappearing Sacred Groves”
	National Seminar on Ecology and Progress in North East India: Anxiety, Hope and Belonging in the literary Consciousness in North Eastern	Sept. 9- 10, 2014	NEHU, Shillong and MaulanaAbulKalam Azad Institute of Asian Studies, Kolkata	Trees Have Tears: Locating Green Aesthetics in HichingHirao
	International seminar on 'North East India in the Cultural Imaginations: History, Land and People',	7 & 8 Jan. 2015	Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata	My face Mongoloid; My tongue Tiboto-Burman; My Blood Aryan?
Prof. Shyamal Das	Invited speaker to deliver 3rd Bimal Singha Memorial Lecture	5th – 6th December, 2014	Govt. Degree College, Kamalpur, Dhalai, Tripura	Changing Perspective of Education and Culture in North-East India with Special Reference to Tripura.
	Invited for evaluation allocation of Minor Research Project/Seminar/Conference/ Workshop proposals	20-21 November, 2014	UGC-ERO, Kolkata.	
	Invited for evaluation allocation of Minor Research Project/Seminar/Conference/ Workshop proposals	25-11-2014	UGC-NERO, Housefed Complex, Beltola	

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			Basistha Road, Guwahati 781006	
	Organized workshop on Constitution of the Department of Linguistics and Tribal Languages in Tripura	22-8-2014	Tripura University Council Hall	

8. Major Thrust area of research:
Folk and Popular Literature,
Culture Studies,
Language Studies & Translation;
North-East Literature;
Film-Literature Convergence.

9. Conference/ Seminar/ Workshops/ Winter schools attended by students/ research scholars of the Department:

Name	Conference/ Seminar/ Workshop attended	Duration/ Date	Organized by	Title of the paper presented
Uttam Chakraborty	International Seminar on Social Inequality and Literature at the	16 th -17 th Jan., 2014.	Dept. of Bengali, Tripura University Tripura: India	“Verbal Suffixation in Kokborok: Its Impact on Bangla”.
	Imaging and Imagining the North-East: Discourses on North-Eastern Literature, Culture, Creativity and Criticism	22 nd -23 rd August, 2014	Dept of English, Tripura University	“Origin and Nature of the Dialects of Bangla with Reference to Their Uses in the North-East India”
Suparna Saha	National Seminar on Mental Health and Wellbeing of Adolescents and Young Adults.	22-23 March, 2014	Organised by the Department of Psychology, Tripura University	“Psychology and Folk Tale: Introspection into the orphan Characters in Reang Folk Tale”
	National Seminar on Exploring Environmental History in North East India: Trends and Possibilities,.	28-30 May, 2014	Organised by the Department of History, Tripura University	Reang Folk Tales And Ecological Sensitivity: A Study of Selected text.
	National Seminar on Imaging and Imagining	22-23 August,	Organised by the Department	“Exploring Confluences in

	the North-East: Discourses on North-Eastern Literature, Culture, Creativity and Criticism,	2014.	of English, Tripura University	Selected Folk Tales of the Reang And the Bengali Communities from North East India”
Chitra Chakma	National Seminar on Exploring Environmental History in North East India: Trends and Possibilities,.	28-30 May, 2014	Organised by the Department of History, Tripura University	Reflection of Environment in Relation to Chakma Folk Ballads
	National Seminar on Imaging and Imagining the North-East: Discourses on North-Eastern Literature, Culture, Creativity and Criticism,	22-23 August, 2014.	Organised by the Department of English, Tripura University	Folk Songs in North East with special reference to the Chakma
Sheela Debbarma	National Seminar on Imaging and Imagining the North-East: Discourses on North-Eastern Literature, Culture, Creativity and Criticism,	22-23 August, 2014.	Organised by the Department of English, Tripura University	A Socio-Cultural Contexts of Recent Loan Substitution in Kokborok
Jhuma Majumder	International Seminar on Social Inequality and Literature,	16-17 January, 2014.	Organised by the Department of Bengali, Tripura University	A Study of Gender Bias in Children’s Literature
	National Seminar on Mental Health and Wellbeing of Adolescents and Young Adults.	22-23 March, 2014	Organised by the Department of Psychology, Tripura University	Creation of a Positive Mindset in Adolescents and Young Adults : A Study in Racial Discourse in Children’s Literature in English
	Imaging and Imagining the North-East: Discourses on North-Eastern Literature, Culture, Creativity and Criticism	22 nd -23 rd August, 2014	Dept of English, Tripura University	Race and the People of the North-east : A Study in Racial Discourse in Children’s Literature in English.
	National Seminar on Exploring Environmental History in North East India: Trends and	28-30 May, 2014	Organised by the Department of History, Tripura	A Study of Environmental Issues in Children’s Literature.

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	Possibilities.		University	
Lydia Vanlalringi	Imaging and Imagining the North-East: Discourses on North-Eastern Literature, Culture, Creativity and Criticism	22 nd - 23 rd August, 2014	Dept of English, Tripura University	Space of a North-Eastern Indian: Through the Eye of a Kaipeng
Princila Marak	Imaging and Imagining the North-East: Discourses on North-Eastern Literature, Culture, Creativity and Criticism	22 nd - 23 rd August, 2014	Dept of English, Tripura University	Fossilized Prefixes of Garo and their Morpho-Semantic Content

10. No of students qualified UGC NET/SET in the Academic year from the Department:

NET	02	GEN	01	ST	01	SC	00	OBC	00	Min	00
SET	07	GEN	06	ST	01	SC	00	OBC	00	Min	00

11. Details of Placement of a few Students:

Total	GEN	ST	SC	OBC	Min	
Name of the students	Name of the Organization/Dept.			Posts/ Designation		Average annual salary (in Rs.)
Ms. Ankita Sengupta	Tata Consultancy Services, Kolkata					
Ms. Rima Paul	Tata Consultancy Services, Kolkata					
Sri Pranoy Debnath	Tripura Civil Services Joined in August 2014			Additional B.D.O, Mungiakami R.D Block, Teliamura Subdivision, Govt. of Tripura		
Amar Debnath	Dept. of Higher Education, Tripura			Asst Professor.		
Ratan Sarkar	Dept. of Higher Education, Tripura			Asst Professor.		
Olivia Sarkar	Dept. of Higher Education, Tripura			Asst Professor.		
Dalim Das	Dept. of Higher Education, Tripura			Asst Professor.		
Surajit Sen	Dept. of Higher Education, Tripura			Asst Professor.		
Dipankar Chakraborty	Dept. of Higher Education, Tripura			Asst Professor.		

Somali Saha	Dept. of Higher Education, Tripura	Asst Professor.	
Piya Madhuri Majumder	Tripura Civil/Police Services	(TPS)	
Dipankar Pal	Tripura Civil/Police Services	(TPS)	
Anirban Das	Tripura Civil/Police Services	(TPS)	
Ayan Adhya	Tripura Civil/Police Services	(TPS)	
Rajdeep Deb	Tripura Civil/Police Services	(TPS)	
Suman Dey	Tripura Civil/Police Services	(TCS)	
Animesh Dhar	Tripura Civil/Police Services	(TCS)	
Pranoy Debnath	Tripura Civil/Police Services	(TCS)	
Gaurav Saha	SBI	Clerical Grade	
Manshita Roy	Google Maps	Content Writer	
Santanu Sen	Spicejet Airlines	Sr. Customer Security Exe.	
Mritwika Debbarma	Tripura State Cooperative Bank.	Br. Manager	
Subhankar Chakraborty	Tripura Gramin Bank	Scale 1 Manager	
Chitresh Majumder	Indigo Airlines	Sr. Exe (Security)	
Sayak Chakraborty	Entrepreneur BPO		

12. Any other Achievement:

Cambridge Scholars Publishing Ltd, U.K. has accepted the proposal for publishing an edited volume titled 'Imaging and Imagining the North East' with dept. of English, TU and the legal contract has been signed.

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DEPARTMENT OF FINE ARTS

The Department of Fine Arts, Tripura University was established in the year 2009 and is offering Master Degree in Fine Arts of Drawing & Painting and Modeling & Sculpture. It was initially started at Govt, College of Art & Craft, Lichubagan, Agartala. Now, the Drawing & Painting section has been shifted to the 5th floor of the Day Care Centre and the Modelling & Sculpture section is situated in the Energy Park of Tripura University Campus. The Ph.D programme in Fine Arts has been started in 2013 along with a course work programme for six months duration in this department.. The department has an intake capacity of 26 (twenty six) students per semester. The Credit Based Choice System (CBCS) is being introduced from this academic year. In every semester, Core and Elective courses are available along with the practical and theory papers. The faculty members of this department have some research projects from various funding agencies viz. UGC, ICSSR, ICHR, Ministry of Textiles, etc. The faculty members are participating regularly in the different national and international level exhibitions, workshops and seminars, etc.

Head of the Department : Dr. Rajesh Bhowmik

Programmes on offer : MFA, PhD.

Intake capacity : 26 (Twenty Six)

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Rajesh Bhowmik	Ph.D, MFA, B.V.A	Assistant Professor	Drawing & Painting	13	4
Sri Mukulendu Pathak	MFA, BVA	Do	Modelling & Sculpture	5	
Sri Subrata Dey	MFA, BVA	Do	Drawing & Painting	5	

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Sri Amitabha Adhikari	MFA, BVA	Kala Bhawan, Santiniketan	1.
Sri Pinak Pani Nath	Do	Assam university, Silchar	2

3. Publication Details:

3.1 Books:

Department	All Authors	Title	Publishers	Year	ISBN No.
Fine Arts	Dr. Rajesh Bhowmik	Tribal Arts and Crafts of NE India	Supriya Books, New Delhi	2015	978-93-84471-01-9

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4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Sri Palash Debnath	Wood Carvings of Assam and Tripura in 20 th Century: A Study	Dr. Rajesh Bhowmik	Registered
Sri Arambam Hemanta Singh	Contemporary Artists of Manipur: A Study (1960 A.D.-2010 A.D.)	Do	Do

5. Seminar/Conference/Workshops/Symposia Lecture/ Talk/Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
01	30 th Jan - 4 th Feb. 2015	6 th Annual Exhibition at Tripura University campus	Inauguration by Prof.(Dr.) Anjan Kumar Ghosh, Hon'ble Vice - Chancellor, Tripura University.

6. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Dr. Rajesh Bhowmik (Assistant Professor)	National workshop on Multi-Disciplinary Survey, research and Documentation of Rock Art in North-East India	1-2 Dec. 2014	Dept. of Anthropology, NEHU, Shillong & AITS, Rajib Gandhi University, Arunachal Pradesh and Lalit Kala Akademi, New Delhi	Colossal Sculpture of Unokoti: A study
Do	National Workshop on North-East Art Conclave	20-27 th March, 2015	Lalit Kala Akademi, New Delhi at Department of Fine Arts, Andhra University, Vishakhapatnam	Participated for practical presentation
Sri Mukulendu Pathak (Assistant Professor)	National workshop of Sculpture by Eminent Sculptors	10-13 th March, 2015	Birla Academy of Art & Culture, Kolkata	Do
Sri Bikramjit Sarkar (Research Scholar) & Sri Palash Debnath (Research Scholar)	National workshop on Multi-Disciplinary Survey, research and Documentation of Rock Art in North-East India	1-2 Dec. 2014	Dept. of Anthropology, NEHU, Shillong & AITS, Rajib Gandhi University, Arunachal Pradesh and Lalit Kala Akademi, New Delhi	Rock-cut relief sculpture in the form of mural in the hills and plain region: A reference
Sri Palash Debnath (Research Scholar)	1 st Tripura State Art Exhibition	2-11Sept, 2014	Society for promotion of Art (SPA) organized by Govt. College of Art & Craft, Agartala	Selected and Exhibited

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Sri Bikramjit Sarkar (Research Scholar)	1 st Tripura State Art Exhibition	2-11Sept, 2014	Society for promotion of Art (SPA) organized by Govt. College of Art & Craft, Agartala	Selected and Exhibited
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7. Major thrust area of research: Drawing and Painting, Modelling & Sculpture, Tribal art & Crafts, Traditional Textiles of North - East.

8. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

JRF - NET December, 2014		GEN		ST		SC	01	OBC		Min	
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9. Awards/Medals received by the students during academic year 2014-15:

Name of Students	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Partha Das	Young Talented Artists Award	2015	N.E.Z.C.C., Dimapur, Ministry of Culture,	

10. On-going Research Projects in 2014-15

Faculty of Arts and Commerce					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Dr. Rajesh Bhowmik	Ministry of Textiles, Government of India	Representing the Heritage: Textile design of North - Eastern region of India	12,00,000/-	2015	1 year
DO	ICSSR, New Delhi	World of Traditional Masks - Perspective of North-East India and Nepal	700,000/-	2013	2 years
DO	ICHR, New Delhi	Royal and Court paintings of Tripura	250,000/-	2013	2 years

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DEPARTMENT OF HINDI

The Department of Hindi was established in the year 2006 with Master's Degree Programme. In order to increase intake capacity of the PG programme the department has been offering IMD (Integrated Master Degree Programme) since the academic year 2011-2012.

Head of the Department : Dr. V.K. Mishra

Year of Establishment: 2006

Programmes on offer : IMD, M.A., Ph.D

Intake capacity :IMD-10, M.A.-20, Ph.D.-24

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Vinod Kumar Mishra	M.A.,M.Phil., Ph.D	Associate Professor	Medieval Hindi Literature	26	07
Dr. Milan Rani Jamatia	M.A., Ph.D NET-JRF (UGC)	Assistant Professor	Folk Literature	10	03
Dr. Jai Kaushal	M.A., M.Phil, Ph.D. PG Diploma in Translation, PG Diploma in Linguistics, NET-JRF (UGC)	Assistant Professor	Translation Dalit Literature	6.5	02

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Dr. Kumar Varun	M.A. Ph.D NET-JRF (UGC)	BHU	02
Dr. Chandra Shekhar Chaubey	M.A., M.Phil., Ph.D., NET-JRF (UGC)	BHU, JNU	02
Dr. Rakesh Kumar Singh	M.A., Ph.D.	BHU	02
Mr. Alok Kumar Singh	M.A., M.Phil., NET-JRF (UGC)	BHU	02

3. Publication Details:

3.1 Books:

Department	All Authors in sequence	Title	Publishers	Year	ISBN No.
Hindi	Dr. Milan Rani Jamatia	KokborokkiPratinidhiKavitayen	Manav Prakashan, Kolkata	2014	978-93-80332-51-2
Hindi	Dr. Jai Kaushal	Titash : EkNadika Nam (Co-Translation From Bangla to Hindi with Prof. Chandrakala Pandey)	Manav Prakashan, Kolkata	2014	978-93-80332-55-6

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3.2 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Hindi	Dr. Vinod Kumar Mishra	Jansamprkkerup me media	SahityaBimarsh	-	2014	-
Hindi	Dr. Vinod Kumar Mishra	Nagarjunkenirala	Arunprava	-	2014	-
Hindi	Dr. Milan Rani Jamatia	PremchandkeUpanayas: NariAsmita	AntarrashtriyaSaiddhantikSamiksha	2 (1)	January-June, 2014	12 - 16

3.3 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Dept.	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
	Dr. Vinod Kumar Mishra	Arunachal Prdeshkeaitihasikdharohar -Itafort	Ananya	-	2014	-
	Dr. Milan Rani Jamatia	AgyeykekavyakaAntas: KitaniNavon me KitaniBaar	University Hindi Journal	2 (1)	April-June, 2014	7-12
	Dr. Milan Rani Jamatia	KokborokSahitya: PrakritievamParyavaranSanrakshankiParampara	ShodhSamalochana	2	June, 2014	15-20
	Dr. Milan Rani Jamatia	RashtriyaSwabhiman se judaRashtrabhashakaPrashna	Vishvapatal par Hindi (Proceedings)		May, 2015	383-389
	Dr. Jai Kaushal	'EkDeshAur Mare Huye Log' (Book Review)	Vagarth, Kolkata		November, 2014	12-13
	Dr. Jai Kaushal	'AchhaLagtaHai' (Book Review)	Vagarth, Kolkata		November, 2014	14-15
	Dr. Jai Kaushal	Hindi Cinema kiBhasha : Tab aur Ab	Kadam, Delhi		May-2014	30-31
	Dr. Jai Kaushal	Abhivyakti (Book Review)			2015	101-104

3.4 List of other Publications:

Dept.	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
	Dr. Milan Rani Jamatia	Navai (Translated Kokborok Folk Tale)	Soch-Vichar	6	August, 2014	26-29

4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Ms. Anjana Jamatia	'Hindi evamKokborokKavitaonkaPravrittigatVivechan'	Dr. Milan Rani Jamatia	Registered

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Ms. Nukphangti Jamatia	`Nasira Sharma ke Katha-Sahitya me AbhivyaktaSamajikChetana;	-Do-	Registered
Ms. PunamKumari	Samakalin Hindi Kahani me Stri-Chetana (1990-2000 tak)	-Do-	Registered
Mr. Sayak Chakraborty	Mohan Rakeshke Katha SahityakeAngreziAnuvadkaAalochnatmakAdhyayan	Dr. Jai Kaushal	Registered
Mr. Bajarang Chauhan	IkkeesvinSadikePrathamDashak ke Hindi UpanyasonmeinVisthapan	-Do-	Registered

5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	30 th March, 2015	Atmakatha : SandarbhevamChunautiyan	Prof. K.Pankaj, Prof. Rajkumar, Sri R.K Sambhariya
2	23Aug, 2015	Tulsi : Kal, AajaurKal	Prof. Chandrakala Pandey
3	28 Aug, 2015	Mohan RakeshkiPrasangikta	Prof. Chandrakala Pandey
4	08 Sept, 2015	RajendraYadav : EkApratimVyaktitva	Prof. K.Pankaj, Prof. Devraj, Prof. K.M.Jha

6. 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 attended	Duration / Date	Organized by	Title of the paper presented
Dr. Vinod Kumar Mishra	Conference	2014	Govt. Of Mauritius & Indian Dias Pora, Mauritius	World Bhojpuri Conference
	-Do-	2014	ICSSR and Tripura University	Social Inequality and Literature
	Seminar	2014	UGC and Rajib Gandhi University	VaishwikPariprekshya me Bhakti Sahitya
	-Do-	2014	Laxmibi College, New Delhi	Samakalin me NariChetna
	Delivered Lecture	January 2015	UGC Academic Staff College, Manipur University	Rajbhasha, Rastrabhasha, Samparkbhasha and Kabyabhasha
	-Do-	February 2015	UGC Academic Staff College, Aligarh Muslim University	HindiPatrakarita (Pre-Independence)
Dr. Milan Rani	Seminar	28 th -30 th May,	Department of History, T. U	PurvottarkeSahitya me Prakriti

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Jamatia		2014		
	-Do-	13 th -14 th February , 2015	Women's College, Agartala & TRCI, Govt. of Tripura	AdivasiSanskritiaurSahitya me StrikaDarja
	3 rd Workshop	29 th Dec. 2014- 05 th Jan, 2015	Kendriya Hindi Sansthan, Agra	To Prepare Hindi- Kokborok Learner's Dictionary
	Seminar	28 th -30 th March, 2015	UchchaShikshaaurShodhS ansthan, Haiderabad Centre, Dakshin Bharat Hindi PracharSabha, Madras	'Andhere me' kaKokborokAnuvad: Anuvadkapaksh
	4 th Workshop	13 th -18 th April, 2015	Kendriya Hindi Sansthan, Agra	To Prepare Hindi- Kokborok Learner's Dictionary
	International Seminar	06 th -09 th June, 2015	AntarrashtriyaSahitya Kala Munch, Muradabad , U. P & Dubai	RashtriyaSwabhiman se judaRashtrabhashakaPrash na
	Seminar	7 th -9 th August	Mahatma Gandhi Antarrashtriya Hindi Vishvavidyalay, Regional Centre, Kolkata	PurvottarkaBhashikParidri shya
	National Seminar	13th Dec, 2014	JamatiaHoda, Agartala	'Suitability of Devnagati Script for Kokborok Language'
	National Seminar	5th-6th Decembe r, 2014	BabuShobharam Govt. Arts College, Alwar, UGC & ICSSR, New Delhi	Media : Past, Present and Future'
	National Seminar	27 th Nov., 2014	Sir Syed Awarness Forum (SAF), Aligarh	'Sir Syed Ahmad Khan : Life & Mission'
	One Day Workshop	27 th Novemb er, 2014	Women's Studies Centre, Tripura University, Agartala	'The Sexual Harrassment of Women at Workplace (Prevention, Prohibition, Redressal) Act 2013'
	One Day International Conference	26 th August, 2014	The Universal Peace Federation of India & Holy Cross College, Agartala	'Building Nations of Peace : Our Shared Responsibility'

7. Major thrust area of research:

- Comparative Literature
- Translation
- Folklore

- Creative writing
- Media Studies

8. 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.

9. No of students qualified NET/SET in the Academic year 2014-15 from the Department: 01

SET		GEN		ST	01	SC		OBC		Min	
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10. Details of Placement of a few Students:

Total		GEN		ST		SC		OBC		Min	
Name of the students	Name of the Organization/Dept.	Posts/Designation		Average annual salary (in Rs.)							
Mary Jamatia	MBB College, Agartala	PGT		25000 /-							
Juthika Debbarma	Navodaya Vidyalaya, Khowai	PGT		As per rules.							
Amar Rani Halam	Garia Mission School, Uaipur	PGT		As per rules.							
Dengirting Halam	Garia Mission School, Uaipur	PGT		As per rules.							

11. Awards/Medals received by the Teachers during the academic year 2014-15:

Name of Teachers	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Dr. Milan Rani Jamatia	Hindi Sevi Samman	05 th June, 2015	Sahitya Kala Manch, Muradabad, UP	

12. On-going Research Projects in 2014-15

Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Dr. V.K. Mishra	UGC, New Delhi	Poorvottarki Hindi Patrakarita aur Samasik Sanskriti k Sarvekshanatmak Adhyayan	1189600 /-	Not yet.	Two years

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DEPARTMENT OF HISTORY

The Post-graduate classes in History first started in March 1977 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. And after conversion to Central University semester system was introduced in the Department from the academic session 2008. The Department endeavours and organize Seminars / Workshops / Popular lectures etc.

Head of the Department : Prof. Satyadeo Poddar

Programmes on offer : Five Years Integrated Masters Degree, M.A., Ph.D.

Intake capacity : IMD-10, M.A.-80

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Satyadeo Poddar	Ph.D.	Professor	Modern India, Historiography	25 years	05
Dr. Sukhendu Debbarma	M.A; M.Phil., B.Ed., Ph.D.	Associate Professor	Modern Indian History, History of North East India	20 years	02
Sri Francis U Hrangkhawl	MA, B.Ed, M.Ed., LL.B.	Asst. Prof.	Ancient India	12 years	
Dr. Monisankar Misra	M.A.Ph.D	Asst. Prof.	Modern India	11 years	01
Sri Lincoln Reang	M.A., B.Ed.	Asst. Prof.	Modern India	8 years	
Ms. Roshani Rai	M.A.	Asst. Prof.	Modern India	4 years	
Dr. Nishikant Kolge	M.A.,Ph.D.	Asst. Prof.	Gandhi, anti-caste movement, Environment	4 years	

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Miss Esther Rengsi	MA History	NEHU, Shillong	

3. List of Publications in peer reviewed (**National**) Journals/ Books/ Proceedings:

Name of the Teacher	Title of Paper/ Book/ Proceedings	Name of Journals & Books Vol. No, Pages, Year of Publication & Publishers
Lincoln Reang	<i>Administrative System of the Reang (Bru) Community</i>	Indian Journal of Scholarly Research, Ahmedabad, Vol:3 Issue:4 April 2014, pp.16-18
Dr. Nishikant Kolge	<i>The Politician: A Response to Arundhati Roy's The Doctor and The Saint</i>	GandhiMarg ISSN 0016-4437 (accepted)

4. Major thrust area of research: North East India, Tripura, Environmental History, Gandhi and Caste

5. New initiatives/Innovations: Use of PPT through overhead Projector by the Faculty.

6. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year:

Name of Scholars	Research topic	Name of Guide	Ph.D. Status
Manira Aktar	Muslim in Princely Tripura: A Historical Study (C.1800-1949)	Dr. Monisankar Misra	Under Process of Registration
Md. Mojahid Rahman	Tripura in the Liberation Movement of Bangladesh (1947-1971)	Dr. Satyadeo Poddar	Thesis submitted

7. Conference/ Seminar/ Workshops/Symposia attended by the teachers:

Name	Conference/ Seminar/ Workshop attended	Duration/ Date	Organized by	Title of the Paper presented
Prof. Satyadeo Poddar	3 Days national Seminar on Exploring Environmental History in North East India: Trends and Possibilities.	28 th -30 th May' 2014	Deptt. of History, Tripura University	Ramakrishna Mission and Environmental Awareness in North east India
				Commercial Forestry in Tripura, Paradox to Gandhian Environmentalism
	2 days' National seminar on Society and Culture in North East India: status quo and transition	8 th -9 th March, 2014	Government Degree College, Gondachhera, Dhalai	Keynote speaker
	National Seminar on Issues and Trends of Governance in Multi Cultural Societies	16th-17th November, 2013.	Holy Cross College	Resource Person
	Refresher Course in History	27 th February -19 th March' 2014	UGC-Academic Staff College, North Eastern Hill University, Shillong.	

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Dr. Monisankar Misra	3 Days national Seminar on Exploring Environmental History in North East India: Trends and Possibilities.	28 th -30 th May' 2014	Deptt. Of History, Tripura University	A Forgotten Flood: The Flood of 1883 in Cachar and Official Response: A Preliminary Study
	Seminar on 'Transformation of Indian economy into the colonial economy with special reference to the Land Revenue Settlements'	21/12/2013	Department of History, Ramthakur College	Principal Speaker
	Concluding ceremony of Vigilance Awareness Week, 2013	1/11/2013	Rubber Board, Agartala	Chief Guest and keynote address on 'Law and Society: some stray thoughts'
Lincoln Reang	20 th Refresher Course in History	7 th -27 th February' 2014	UGC-Academic Staff College, Jamia Millia Islamia, New Delhi.	
Dr. Nishikant Kolge	Higher Education and Marginalized	3 rd & 4 th March' 2013	TISS, Mumbai, in association with ICSSR, New Delhi	The Challenges of Higher Education in the 21 st Century (Invited Speaker at Panel discussion)
	International Non-violence day	2 nd Oct. 2013	College of Fisheries, Central Agricultural University, Tripura	"On Nonviolence"- (invited Speaker)
	Live Television Debate	2 nd Oct. 2013	Doordarshan Kendra, Agartala	Gandhian Philosophy & Problems of Northeast India (Resource Person)

8. Seminar/ Conference/Workshops/Symposia organized by the Department:

- i) 5 Days Workshop on Preventive conservation of manuscripts held between 21st -26th May, 2014.
- ii) 3 Days National Seminar on Exploring Environmental History in North East India: Trends and Possibilities on 28th-30th May' 2014

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9. Conference/Seminar/Workshops/Winter schools attended by students/ research scholars of the Department:

Name	Conference/ Seminar/ Workshop attended	Duration/ Date	Organized by	Title of the paper presented
Nirmalya Karmakar	3 Days national Seminar on Exploring Environmental History in North East India: Trends and Possibilities.	28 th -30 th May' 2014	Deptt. Of History, Tripura University	Ramakrishna Mission and Environmental Awareness in North east India

10. No of students qualified NET/SET in the Academic year from the Department:

SET	06	GEN	01	ST	-	SC	04	OBC	01	Min	-
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11. On-going Research Projects in 2013-14:

Faculty of History					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Satyadeo Poddar	UGC	Problems of North East India and Gandhian methods of peace building	Rs.7,82,100/-	Rs. 5,10,000/- (1st installment)	2 years
Satyadeo Poddar (Coordinator)	Ministry of Culture, Govt. of India	Manuscript Resource Centre and Manuscript Conservation Centre	Rs.7,50,000/- for MCC (till March, 2014) Rs.12,50,000/- for MRC(till March,2014)	2.5 lakhs for MCC Rs.3.5 lakhs for MRC	5 years (March, 2011 onwards)
Lincoln Reang	Indian Council for Social Science Research (ICSSR)	An Analysis on the Socio-Economic conditions of the Reang Community: A Primitive Tribal Group of Tripura	Rs.10,00,000/-	Rs.4,00,000/-	2 Years (2013-2015)

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DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

The Department of Journalism and Mass Communication took off on 7th August 2009 with objectives to teach and contour the aspiring students to meet the challenges in the pasture of media industries and communication studies. Over the past few years it has produced successful alumni who are well placed in media organizations in the state and outside acting as catalysts bringing changes in journalism. Many of them are also pursuing their research activities in various reputed media institutions within the country while others became media educators in this region.

Considering the global media set-up and demand the department marched hand in hand in collaboration with other premier media institutions of the country. It provides teachers and students the opportunity to exchange and share their individual ideas. Above all it has aimed at producing good and responsible media personnel lending one's ideas and knowledge in the spirit of free will by keeping communication culturally viable in both regional and global perspectives. The department explores opportunity for sharing one's creative ideas. There is a huge skill gap in some areas of Journalism and Mass Communication. One of such areas is Video Production and the Department has started Six Semester Bachelor Programme B.Voc in Film and Video Production from the Academic Session 2015 - 16.

Head of the Department: Dr. Deepak Upadhyaya

Year of Establishment: 2009

Programmes offered : MA in Journalism and Mass Communication (JMC) and Bachelors Vocational Programme in Film and Video Production (B.VOC).

Intake capacity : MA in JMC: 25, B.VOC in Film and Video Production: 30.

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/ her supervision
Dr. Deepak Upadhyaya	MA in Journalism and Mass Communication	Assistant Professor	Communication for Development, Ad and PR	5 years	-
Sri Sunil Kalai	M.Sc. in Visual Communication	Assistant Professor	Electronic Media, Visual Communication	5 years	-
Dr. R.K. Lilapati Devi	M.Sc. in Mass Communication	Assistant Professor	Advertising, Marketing Communication	5 years	-

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Dr. Kaifia Ancer Laskar	Ph.D in Mass Communication	Tripura University	2 and half years

3. Visiting Teacher/ Visiting Fellow:

Name	Institution
Sri P. Sainath	Raman Magsaysay Award Winning journalist.
Sri Rahul Jain	Secretary, North East Film and Cultural Society
Sri Sudipta Sengupta	Adviser, 24 Ghanta, Kolkata
Sri Debanjan Chakraborty	Additional Director, PIB, Kolkata
Dr. Abhijit Bora	H.O.D, Department of Mass Communication and Journalism, Tezpur University.
Sri Charvak	Associate Professor, Department of Mass Communication, Assam University.
Prof. Saumendranath Bera	Deptt of Journalism and Mass Communication, Calcutta University, Editor, Global Media Journal, Indian Edition.
Prof. K.V. Nagaraj	Former Pro V.C Assam University and currently, Professor in the Deptt of Mass Communication, Mizoram University.

4. Publication Details:

4.1 Book Chapters:

Dept.	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
JMC	Dr. Deepak Upadhyaya	Biodiversity and Media Advocacy Concerns- A few Reflections	Atul Kumar Gupta, Dhiman Daschaudhury Biswendu Bhattacharjee M. Datta	North East Bio diversity and Sustainable Economic Development- Issues and Challenges	Concept Publishing Company (P) Ltd	2014	93-5125-030-X
JMC	Dr. Deepak Upadhyaya (Co-Author)	Media Advocacy and Bio diversity Concerns	Atul Kumar Gupta, Dhiman Daschaudhury Biswendu Bhattacharjee M. Datta	North East Bio diversity and Sustainable Economic Development- Issues and Challenges	Concept Publishing Company (P) Ltd	2014	93-5125-030-X
JMC	Dr. Deepak Upadhyaya	Gender Dimensions of Climate Change: Women at the receiving end	G.P.Pandey	Media and Women – Emerging Perspectives	Sunrise Publications	2014	978-93-80966-35-9

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4.2 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.	ISSN no
JMC	Sri Sunil Kalai	Insurgency Movement in Tripura	Media's Role in Facilitating Peace in Conflict Situation in Northeast India and Neighboring Countries (Media Watch)	Conference Proceedings	2014	136-141	0976-0911
JMC	Sri Sunil Kalai	Visualizing Tripura Tribal Society: An analytical study of Mathia- A Kokborok Film.	Journal of North East Indian Cultures	Vol 2 No 1	2015	100-109	2322-0988
JMC	Sri Sunil Kalai	Cinema as an Effective Tool for Teaching Human Rights Issues and Problems: An Analytical Study of Samuel Goldwyn 's Film: "The Whistleblower"	International Journal of Multidisciplinary Approach and Studies	Vol 1 No 5	2014	233-244	2348-537X
JMC	Dr. Deepak Upadhyaya (Co-Author)	Peace Journalism in Conflict Situation	Media's Role in Facilitating Peace in Conflict Situation in Northeast India and Neighboring Countries (Media Watch)	Conference Proceedings	2014	142-151	0976-0911
JMC	Dr. Kaifia Ancer Laskar	Recognizing the Politics of Visual Imagery through Transplanted Traditions in Indian Television Soap Operas.	Media Watch	Vol 6 No 2	2015	193-199	0976-0911
JMC	Dr. Kaifia	Tracking	IOSR-Journal of	Vol 19 No	2014	42-	2279-

	Ancer Laskar	Partition Discourses in the Films of Ritwik Ghatak.	Humanities and Social Sciences	9 (8)		45	0837
JMC	Dr. Kaifia Ancer Laskar	Tracking Subjugated Bodies of Female Characters in Indian Soap Operas.	Scholar's View-International Journal of Media and Management	Vol 4 No 1	2015	26-34	2319-121X

4.3. List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.	ISSN no
JMC	Dr. Deepak Upadhyaya	A Study on Post Graduate Students' Perception of Mass Media in Creating Awareness of Climate Change in Agartala, capital city of Tripura in India.	International Research Journal of Environmental Sciences	Vol 3 No 7	2014	73-78	2319-1414
JMC	Dr. Deepak Upadhyaya	Climate Change in the Minds of the Students of Tripura.	International Journal of Research	Vol 1 No 6	2014	364-385	2348-6848
JMC	Dr. Kaifia Ancer Laskar	Creating Fictional Contrasts of Female Characters in Indian Hindi Films.	Intellection: Bi-annual Interdisciplinary Research Journal	Vol 3 No 2	2015	47-55	2319-8192

5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	21/11/14	The Predicament of the Rural: Journalism from Below.	Sri P. Sainath, Raman Magsaysay Award Winning journalist.

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2	22 nd November 2014	Interaction with the Media Persons of Tripura organized by the Department of Journalism and Mass Communication, Tripura University at Agartala Press Club.	Sri P. Sainath, Raman Magsaysay Award Winning journalist.
3	23 rd November, 2014	A Special Lecture on the Ethics of Journalistic Practices organized by the Department of Journalism and Mass Communication, Tripura University in Collaboration with the Working Journalists Association, Agartala.	Sri P. Sainath, Raman Magsaysay Award Winning journalist.
4	24 th to 28 th November, 2014	A Series of Special Lectures on the Issues and Practices of Journalism organized for the students in the Department of Journalism and Mass Communication, Tripura University	Sri P. Sainath, Raman Magsaysay Award Winning journalist.
5	18 th April, 2015	A Special Lecture on editing for Print Media.	Dr. Abhijit Bora, H.O.D, Department of Mass Communication and Journalism, Tezpur University.
6	26 th May, 2015	A Special Lecture on nuances of Documentary Film Making.	Sri Charvak, Associate Professor, Department of Mass Communication, Assam University.
7	8 th August, 2015	A Special Lecture on Journalism at Cross Roads.	Prof Saumendranath Bera, Deptt of Journalism and Mass Communication, Calcutta University, Editor, Global Media Journal, Indian Edition.
8	19 and 20 August 2015	Special lectures on Television Journalism.	Sri Sudipto Sengupta, Advisor and Consultant, 24 Ghanta Kolkata
9	17 and 18 August 2015	“Two Day Documentary Film Festival on Arts and Culture” organized by the JMC department in collaboration of Indira Gandhi National Centre for the Arts and Film and Cultural Society of the North East.	Sri Rahul Jain, Secy, Film and Cultural Society of the North East.
10	23 rd September,	A Special Lecture on Emerging Issues on	Sri Debanjan Chakraborty,

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	2015	Journalism	Director, PIB, Kolkata.
11	29 th September, 2015	A Special Lecture on History and Development of Journalism	Prof. K.V. Nagaraj, Former Pro V.C Assam University, and current Professor in the Deptt of Mass Communication, Mizoram University.

6. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B+C+D)	No. of Teaching Lab (A)	No. of Computer and Multimedia Editing Lab (B)	No. of Smart Class Rooms (C)	No. of Shooting Studio (D)
8	3	2	2	1

7. Major Instruments available in the Department:

Sl no	Description of item
1	Sony Digital HD Video Camera Recorder with (Model- HVR-Z5P) accessories
2	I Mac 21.5 inch (Model: MF086)
3	Mac Pro (Model: ME 253HN/A)
4	Cannon DSLR EOS 7D
5	Lens EF -570-300 MM
6	Lens 18-135 MM
7	Canon EOS 50 D+Lens EF 14 MM
8	Lens EF-570-300 MM
9	Sony Camera DCR SD 1000E
10	Tripod SLIK OPTO
11	Tripod Unit for Camcorder (Manufactured by : Manfrotto, Model: 701HDV, 547B)
12	Info Lithium battery for 6 hrs. back up (Manufactured by Sony, Model: NP-F970)
13	Memory Recording Unit (Widely available standard CF card is used for HDV, DV CAM, DV file Recording) (Manufactured by: Sony, Model: HVR-MRC1K)
14	Carrying case for Camcorder
15	Ahuja 14 Channel Digital Sound Mixer (Model: AMX-1412)
16	Ahuja Sound Monitor (Model: SRM 120)
17	Ahuja Condenser Microphone (Model: CUM 450)
18	Ahuja Dynamic Microphone (Model: PRO 3200)
19	Ahuja Omni Directional Microphone (Model: SHM-1000 DR)

8. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Sri Sunil Kalai	Refresher Course in Media	2015	Academic Staff College, Jamia Millia Islamia	Tripura Through the Lenses: Journalism from Below

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9. Major thrust area of research: The Department emphasizes research and documentation of Art and Culture of this untapped territory of this region both in Print as well as Video Production.
10. New initiatives/Innovations: The Department has started a new programme B.Voc in Film and Video Production, under the NSDC Programme, Government of India. The Department aims to be a vibrant academic department in the region training human resources for film industry of the state and the region. It also plans to set up a full-fledged departmental Production House to facilitate the aspiring film makers of the state. The Department is planning to introduce various short-term professional certificate courses in Photography, Science and Art of Sound Design, Video Editing, Advertising, Event Management and Public Relations. The Department also plans to start publication of a research journal.

11. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

NET June, 2014	GEN	ST	SC	OBC	Min
NET June, 2014				01	
SLET	01				

12. Details of Placement of a few Students:

Name of the students	Name of the Organization/Dept.	Posts/Designation	Average annual salary (in Rs.)
Sri Biswendu Bhattacharjee	Times of India	Correspondent	
Sri Chinmoy Acharjee	Dainik Sambad	Correspondent	
Sri KalyanSuklabaidya	Daily Desher Katha	Correspondent	
Sri Pritam Chakraborty	Headlines Tripura	Correspondent	
Sri Tanmoy Chakraborty	Indian Council of Media Research	Social Investigator	
Sri Joytirmoy Das	Govt. of Tripura	Auditor	
Mrs.SangeetaPurkayastha	Tripurainfoway	Correspondent	
Sri Abhijit Nath	Tripura Observer	Correspondent	
Ms.MoumitaGope	NRHM	Sub divisional Expert	
Ms.Nandita Bhattacharjee	AGMC Project	Project Fellow	
Ms. Amrita Chakraborty, Ms. Sainy Roy	Tripura Natural Gas Company Ltd	PR Deptt	
Sri Nabendu Bhattacharjee	Syandan Patrika	Correspondent	
Sri Deepak Debbarma	DDK Agartala	News Reader	
Sri Swagata Bhattacharjee	Shristee Tripura	Anchor	

Sri Antara Dutta	All India Radio, Agartala	News Reader	
Sri Elizabeth Kalai	All India Radio, Agartala	Announcer	
Sri Sujit Debnath	Govt. of Tripura	Teacher	
Sri Jayanta Das	Govt. of Tripura	Teacher	
Sri Bablu Das	Govt. of Tripura	Teacher	
Ms. Sutapa Guha, Ms. Moutushi Chakraborty	Headlines Tripura	Anchor and News Reader	

13. Any other achievements: The Department has recently started UGC sponsored skill based educational programme to fill the gap in industry academia interface known as Bachelors in Vocational Programme in Film and Video Production (B.VOC) wherein 27 students have taken admission from 2015 session. The student composition B.Voc is as follows-- { Gen- M=4, F=4;OBC- M=3, F=0;SC- M=1,F=4;ST-M=10, F=0}. The department has initiated collaborative efforts with the reputed film institutes like LV.PrasadFilm and Television Academy, Chennai to facilitate industrial training of the students enrolled in B.Voc in Film and Video Production course. This collaboration will not only hone the practical skills of the students but also help in their placement in national media industry. More academic collaboration is in pipeline with other reputed media and film institutions of the country. At the same time steps are being initiated to establish collaboration with regional media houses of Tripura like Doordarshan Kendra Agartala, Tripura Observer (English Daily), Tripura Times (English Daily) and Dainik Sambad (Daily Vernacular Newspaper), Headlines Tripura (Television News Channel) and so on.The B.Voc programme was started from 20/07/2015 and Sri Sunil Kalai is the co-ordinator of the said course.

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DEPARTMENT OF LAW

The Law Department was established as a Post Graduate department from 2011. The Objectives of the Department are to promote legal knowledge and to make law and the legal process efficient instruments 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.

Head of the Department : Dr. Prabhat Kumar Saha

Year of Establishment: 2011

Programmes on offer : LLM, PhD

Intake capacity : LLM (15)

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Praveen Mishra	Ph.D.	Asst. Prof.	Criminal Law and Human rights	11 approx	2
Dr. Prabhat Kumar Saha	PhD, NET	Asst. Prof.	Intellectual Property Law and Constitutional Law	3 approx	1
Dr. Manoranjan Jha		Asst. Prof.	Criminal Law	2 approx (on lien)	

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Swapan Debbarma (2013-2015)	LLM, NET	Tripura University	1 & ½ year
Papri Debbarma (2014-2015)	LLM, NET	Tripura University	1 year
Jayanta Dhar (2014 to till date)	LLM, NET	Tripura University	

3. Visiting Teacher/ Visiting Fellow :

Name	Institution
Prof. BN Pandey	Banaras Hindu University
Prof. SS Chatterjee	University of Calcutta
Prof. Ajai Kumar	Banaras Hindu University
Prof. Manoj Kumar Sinha	Indian Law Institute, Delhi
Prof. M.P. Singh	National Law University, Delhi

4. Publication Details:

4.1 Book Chapters:

Dept.	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Law	Dr. Prabhat Kumar Saha	“Objectives and Principles, Technology Transfer and the TRIPS Agreement: Flexibilities and Options for Developing Countries”	B. C. Nirmal & Ajendra Srivastava (eds.)	Science Technology and Law Reform	Banaras Hindu University & Satyam Law International, New Delhi, 2014	2014	ISBN-13: 978-9382823094
Law	Bandita Sengupta and Priyanka Bhowmik	Intellectual Property Protection of Traditional Knowledge	S.C Roy, Chankya National Law University, Patna.	Intellectual Property Rights, A Prismatic view	Radha Publications, New Delhi	2014	ISBN 978-81-7487-924-0
Law	Tanusree Debnath and Brinda Debbarma	Compulsory Licensing of Pharmaceutical Patents and its Implications	S.C Roy, Chankya National Law University, Patna.	Intellectual Property Rights, A Prismatic view	Radha Publications, New Delhi	2014	ISBN 978-81-7487-924-0
Law	Koushik Karmakar and Ranabir Sarkar	Dilution Doctrine with Reference to Well-known Trademarks	S.C Roy, Chankya National Law University, Patna.	Intellectual Property Rights, A Prismatic view	RadhaPublications, New Delhi	2014	ISBN 978-81-7487-924-0

4.2 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Dept.	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Law	Dr. Prabhat Kumar Saha	"Competition Flexibilities in the TRIPS Agreement: Implications for Technology Transfer and Consumer Welfare"	Journal of Indian Law Institute	Vol. 57:1	2015	92-108
Law	Dr. Prabhat Kumar Saha	“TRIPS Agreement and Technology Transfer to Developing Countries: Focusing on Overlooked Article 66.2”	Lucknow Law Journal	21	2014	27-45
Law	Khumtiya Debbarma	Social & Legal Position of Indigenous Women: A Case Study of Tripura	Tui : A Journal on Tribal Life & Culture	XVIII	2014	

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4.3 List of other Publications:

Dept.	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Law	Bandita Sengupta	Role of religion and Indian constitution	Dainik Sambad	March 13, 2015	2015	
Law	Bandita Sengupta	Judicial restraint on government advertisement	Dainik Sambad	June 16, 2015	2015	
Law	Bandita Sengupta	A high priced pharmaceutical drug is a challenge to right to health, access to medicines: a way out	Tripura Times	March 4, 2015	2015	
Law	Samir Bhadury	Differently abled person also part of our society	Tripura Times	Dec 08,2014	2014	2
Law	Samir Bhadury	Judicial Activism in India	Tripura Times	March 08,2015,	2015	2
Law	Samir Bhadury	Right to education for differently abled student	Tripura Times	May 16,2015,May 17,2015 continuation,	2015	2
Law	Samir Bhadury	ধরমিওরিভিনিতিওশব্দদূশন	আজকেরফরিয়াদ		2014	
Law	Samir Bhadury	শিক্ষারআলোয়প্রতিবন্ধিরা	দৈনিকসংবাদ	3rd December, 2014	2014	
Law	Samir Bhadury	অনুকম্পনয়প্রতিবন্ধিদেউননয়নেপ্রয়োজনভালবাসাওউৎসাহ	দৈনিকসংবাদ	3rd December, 2013	2013	
Law	Bhaskar Debbarma	Maternity Benefit Of Womens' Is A Human Right	Tripura Times	10 th April 2015	2015	2
Law	Diptanu Debnath	Pranticknagarikernayaypor ayonoradhikar	DainikSambad	Jun, 9, 2015	2015	
Law	Samuel Molsom	A plight of being born a girl (Human Right)	Tripura Times	April 10, 2015	2015	2
Law	Binita Basfore	Human Trafficking	Tripura Times	April 25, 2015	2015	2
Law	Jhutika Naukham	Honour Killing	Tripura Times	April 14, 2015	2015	2
Law	Subroto Saha	Female Infanticide	Tripura Observer		2015	2

5. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Khumtiya	<i>"Land Acquisition" Land Rights of the</i>	Dr. Praveen	Registered

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Debbarma	<i>Indigenous Peoples (with special reference to the State of Tripura)</i>	Mishra	
Rajarshi Purkayasta	Evidentiary value of police dog from the prosecutorial perspective: A critical analysis	Dr. Praveen Mishra	Registered
Papri Debbarma	TRIPS Agreement And Transfer of Environmentally Sound Technologies: Implications for Developing Countries	Dr. Prabhat Kumar Saha	Registered

6. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	19/04/2015	A talk on arrears of cases in courts	Justice Altamas Kabir. (Former Chief Justice of India)
2	15/04/2015	Constitutional Issues	Prof. M. P. Singh (Chancellor, Central University of Haryana)
3	31/03/2015	Role of Gandhian philosophy in Indian constitution	Anil Nauriya (Supreme court advocate)

7. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Dr. Prabhat Kumar Saha	94th orientation program 23rd,	23 rd February – 20th March, 2015	Academic Staff College, JNU	Participated
Dr. Prabhat Kumar Saha	2 Days Workshop on Human Rights and Related Issues	17 & 18 April	National University of Juridical Sciences, Kolkata and Tripura Government Law College	Cross boarder trafficking of women and children
Dr. Prabhat Kumar Saha	1 Days Workshop on Intellectual Property Rights	30 th March 2015	College of Fisheries, Central Agricultural University, Lembucherra	Overview of Intellectual Property Rights
Khumtiya Debbarma	World Conference on Indigenous Peoples	22 nd to 23 rd September 2014	United Nations, New York	Participated
Khumtiya Debbarma	“Patriarchy and Gender in Colonial and Post Colonial South Asia”	16 th & 17 th January, 2015	ICSSR & ICHR (Ministry of Human Resource Development, New Delhi) & The Department of	Participated & presented a paper on “Social & Legal Position of

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			higher Education Govt. Of Tripura. Organized by KabiNazrulMahavidyalay aSonamura, Sepahijala, Tripura	Indigenous Women: A case study of Tripura”
Khumtiya Debbarma & Lisa Debbarma (Join Paper)	Gender Implication of Tribal Customary Law	20 th & 21 st March, 2015	North East Social Research Centre (NESRC), Cotton College State university (CCSU) & Tata Institute of Social Sciences (TISS)	Participated & presented a paper on “Social Position of Koloj Women in Tripura”
Khumtiya Debbarma	2 Day National Seminar on “Tripura in 21 st Century: Development Experience”	23 rd & 24 th May, 2015	Economic Science of Tripura (ESSOT)	Participated & presented a paper on “Land as Incarnation of Culture of the Tribal People of Tripura”
Jayanta Dhar	“Patriarchy and Gender in Colonial and Post Colonial South Asia”	16 th & 17 th January, 2015	ICSSR & ICHR (Ministry of Human Resource Development, New Delhi) & The Department of higher Education Govt. Of Tripura. Organised by KabiNazrulMahavidyalay aSonamura, Sepahijala, Tripura	Endeavour to evaluate the adequacy of legal mandates for gender justice in patriarchal society.
Jayanta Dhar	Cyber Law: Issues and Challenges	9 th March 2015	PG Dept. of Law, Sambalpur, Odisha, National Seminar Sponsored by UGC	Issues and Recommendations on Cyber Crime.
Sthiti Dasgupta	2 Days National seminar on “Perspective of education from India with special reference to srisrithakuranukulchan dra”	6 th & 7 th September 2014	ICFAI University	Paper presented on “Need of reciprocity between school and family education ”

8. Major thrust area of research: Constitutional Law, Criminal Law, Intellectual Property Law, Human Rights.

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9. New initiatives/Innovations: Publication of class assignments in the editorial page of Newspapers.

10. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

NET June, 2014	1	GEN		ST	1	SC		OBC		Min	
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11. Details of Placement of a few Students:

Total	GEN	1	ST	2	SC	1	OBC	1	Min
Name of the students	Name of the Organization/Dept.					Posts/Designation		Average annual salary (in Rs.)	
Tanusree Debnath	Tripura Judicial Service					Judicial Magistrate I		6.5 lacks	
Saikat Das	Tripura Judicial Service					Judicial Magistrate I		6.5 lacks	
Nandita Bhattacharjee	Tripura Judicial Service					Judicial Magistrate I		6.5 lacks	
Jakashmee Debbarma	Tripura Judicial Service					Judicial Magistrate I		6.5 lacks	
Papri Debbarma	Tripura Govt. Law College					Assistant Professor		5 lacks	
Swapan Debbarma	Tripura Govt. Law College					Assistant Professor		5 lacks	
Deepa Bhattacharjee	Tripura Govt. Law College					Guest Teacher		70 Thousand	
Kausik Karmakar	Tripura Govt. Law College					Guest Teacher		70 Thousand	

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DEPARTMENT OF MUSIC

The Department of Music was established in the Year 2009. At present it is the only department in the entire NER that offers Master Degree in Hindustani Music (Vocal and Kathak).

Head of the Department : Dr. Utpal Biswas

Year of Establishment: 2009

Programmes on offer : P.G. & Ph.D. in Vocal Music and Dance (Kathak)

Intake capacity : 26

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Utpal Biswas	M.A., Ph.D	Assistant Professor	Hindustani classical vocal and tabla	05	04
Dr. Rabindra Bharali	M.A., M.Phil, Ph.D.	Assistant Professor	Hindustani classical vocal	10	04

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Aishik Bandyopadhyay	M.A. M.Phil.	Rabindra Bharati University	1
Dr. Padmini Chakraborty	M.A. Ph.D.	Rabindra Bharati University	2

3. Visiting Teacher/ Visiting Fellow :

Name	Institution
Prof. Omkar Prasad	Visva Bharati Viswavidyalaya

4. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1.	28-29 Jan,2015	A comparative study of bengali padavali kirtan and indian classical music	Anjan Upadhay (eminent kirtan exponent)
2.	20 th & 23 rd March, 2015	Workshop on techniques of kathak dance	Prof. Mandavi Singh (Hon'ble Vice Chancellor, IKSUV, Khairagarh, CG)
3.	13 th April, 2015	A talk on Rabindranath and dance	Prof. Amita Dutta (Ex Dean of Fine Arts Faculty, Rabindra Bharati University)

5. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Dr. Utpal Biswas, Asst. Prof.	National Research Seminar	28-29 th March, 2015	National Service Scheme	“Andh Biswas evamsamajikku-rityokenibaranhetuyuvao main

				vaigyanikavibrittievamcheton aokavikash”
Dr. Utpal Biswas, Asst. Prof.	National Semianr	21-22th November, 2014	Indira Kala Sangeet Viswavidyalaya, Khairagarhy, C.G.	“Chhattisgarh kihalwajanajati main rachalitvivaohokirasmain”

6. Any other achievements: A Dance Drama, “Mere Swami Ke Vivek Yatra” performed by Prof. Mandavi Singh, Hon’ble Vice Chancellor, IKSVV, Khairagarh, CG.

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DEPARTMENT OF PHILOSOPHY

Department of Philosophy started its journey under Tripura University in July, 1994. The department has arranged and organised seminars, discussion, lectures at state, national and international levels individually and conjointly. 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 been publishing a departmental journal entitled 'Pratyaya'. Major Thrust Area of Research of the department is Indian Philosophy, Ethics, Western Philosophy, Philosophy of Religion and Culture.

Head of the Department: Dr. Krishna Bhattacharya

Year of Establishment: 1994

Programmes on offer : IMD, M.A. & Ph.D.

Intake capacity : 95

1. Fulltime Faculty Members: 5 (five)

Name	Qualification	Designation	Specialization	No. of yrs. of teaching experience	No. of existing Ph.D scholars under his/her supervision
Dr. Krishna Bhattacharya	M.A. Ph.D	Associate Professor	Vedanta and Western Epistemology	37 yrs. & 5 months	2
Dr. Mohan Debbarma	M.A. Ph.D	Associate Professor & Head	Philosophy of Culture and Religion	18 yrs. & 6 months	5
Dr. Bimal Ch. Pal	M.A. Ph.D	Asst. Professor (Stage – II)	Ethics	10 yrs.	4
Dr. Arup JyotiSarma	M.A. Ph. D	Asst. Professor	Ethics, Western Philosophy	5 yrs.	4
Mr. Bhupesh Debbarma	M.A.	Asst. Professor	Philosophy of Culture and Religion	5 yrs.	--

2. Guest Teachers/Contract Teachers (2014-2015): 4 (four)

Name	Qualification	Institution	No. of yrs. of teaching experience
Pranay Deb	<u>UGC NET with JRF Award Jan. 2014 and SET (Sept. 2012) Ph.D Scholar</u>	TU	2 yrs.
Sujit Debnath	<u>UGC NET (Nov. 2012) and SET (June, 2011), ICPR JRF 2015 Ph.D Scholar</u>	TU	2 yrs.
Rakhi Sutradhar	<u>UGC NET (Nov. 2012) and SET (June, 2011) Ph.D Scholar</u>	TU	1 yr.
Biswajit Debnath	<u>UGC NET (Nov. 2012) and SET (June, 2011), NET JRF 2014 Ph.D Scholar</u>	TU	2 yrs.

3. Visiting Teacher / Visiting Fellow (UGC):

Name	Capacity	Institution
Dr. Pradyot Kumar Mandal (Emeritus Professor) Dept. of Philosophy, Burdwan University.	Visiting Teacher	Burdwan University

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Prof. S.Lokendrajit Singh, Dept. of Philosophy, Manipur University, Imphal	Visiting Teacher	Manipur University
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4. Publication Details:

4.1 Books:

Department	All Authors in sequence	Title	Publishers	Year	ISBN No.
Philosophy	Arup Jyoti Sarma	<i>Kant and Hegel on Is- Ought Dichotomy</i>	Progressive publishers Kolkata	October 2014	ISBN- 978818064 2043

4.2 Book Chapters:

Department	All Authors	Title of the Chapter/ Article	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Philosophy	Bhupesh Debbarma	Role and Prospect of <i>Kokborok</i> Language and Literature in the Educational Scenario of Tripura	S.K. Singh, Stanely Sohlang , K. Sharma	Problems of Ethnicity and Language – Northeast Perspectives	Eastern Book House Publishers, Guwahati, 2014,	2014	ISBN : 978- 93- 8325 2-23- 7

5. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/Awarded
Mr. Biswajit Baidya	“Radhakrishnan’s View of Unity of Human Life and Spirit”	Dr. NaniGopal Bhattacharjee	Viva-voce completed
Mr. Bhupesh Debbarma	“Understanding Tribal Religion in the Context of the Borok Traditional Religion of Tripura – A Conceptual Analysis”	Dr. Mohan Debbarma	Viva-voce completed
Mr. Sujit Roy	“A Study on <i>NirvikalpakaPratyaksa</i> in Nyaya and Bauddha Philosophy”	Dr. Krishna Bhattacharya	Viva-voce completed
Mr. Bhupendra Debbarma	“Social and Moral Values of the Borok People of Tripura – A Study of Socio- moral Philosophy”	Dr. Mohan Debbarma	Viva-voce completed
Biswanath Das	“The Notion of <i>Atma</i> and <i>Apavarga</i> in Nyaya – Vaisesika Philosophy – A Critical Study”	Dr, Krishna Bhattacharya	Registered
Biswajit Debnath	“John Passmore on Environmental Ethics : A Critical Study”	Dr. Bimal Chandra Pal	Registered
Rakhi Sutradhar	“A study of Social Welfare with Special Reference to Raja Rammohan Roy and Swami Vivekananda”	Dr. Mohan Debbarma	Registered
Parimal Nama Das	“A Socio-philosophical Study on Equality and Justice as in the Thoughts of M.K. Gandhi and B.R. Ambedkar”	Dr. Mohan Debbarma	Registered
Arambam Gracy Devi	“Impact of changing human values on the changes in nature with special reference to Manipur: A Post-Independence Study”	Dr. Mohan Debbarma	Registered

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Srirupa Datta Choudhury	“Appearance and Reality with special reference to Kant and Hegel”	Dr. Arup JyotiSarma	Registered
Achhiya Begam	“A Critical Study of Women’s Dignity as in the Thoughts of M.K. Gandhi and I.C. Vidyasagar”	Dr. Bimal Chandra Pal	Registered

6. Seminar/Conference/Workshops/Symposia Lecture/ Talk/Cultural Programme organized by the Dept.

Sl. No.	Date	Title	Speakers
1	5 th Sept. 2014	Observation of Dr. Radha Krishnan’s Birth Day	All teacher and some senior students
2	7 th April, 2015	Dharma, Law and Religion	Speaker: Prof. MohiniMullick, ICPR National Fellow and Professor of Philosophy, Department of Philosophy, IIT, Kanpur,

7. Major thrust area of research: Indian Philosophy, Ethics, Western Philosophy, Philosophy of Religion and Culture.

8. New initiatives/Innovations: CBCS introduced in the current session.

9. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

NET June, 2014	7	GEN	0	ST	1	SC	2	OBC	3	Min	1
NET Dec., 2014	6	GEN	0	ST	3	SC	1	OBC	1	Min	1
SET	2	GEN	0	ST	1	SC	1	OBC	0	Min	0

10. Details of Placement of a few Students:

Total	9	GEN	1	ST	3	SC	5
Name of the Students	Category	Name of the Organization/ Dept.	Posts/ Designation	Average Annual salary			
Biswajit Baidhya	Gen	Iswar Ch. Mahavidhya-laya, Belonia	Assistant Professor	Rs. 4.8 lakhs			
Manoranjan Das	SC	BBMC, Agartala	Assistant Professor	Rs. 4.8 lakhs			
Bhupendra Debbarma	ST	Adwaitya Barman Mahavidhya-laya, Amarpur	Assistant Professor	Rs. 4.7 lakhs			
Anupam Mallik	SC	Ram Krishna Mahavidhya-laya, Kailashahar	Assistant Professor	Rs. 4.6 lakhs			
Melody Lalnunsangi Darlong	ST	B.R. Abbedkar Collage, Fatikrai,	Assistant Professor	Rs. 4.6 lakhs			
Mithan Das	SC	Ram Krishna Mahavidhya-laya, Kailashahar	Assistant Professor	Rs. 4.5 lakhs			
Parimal Nama Das	SC	Kamal Govt. Degree College	Assistant Professor	Rs. 4.5 lakhs			
Sibkanta Das	SC	Ram Krishna Mahavidhya-laya, Kailashahar	Assistant Professor	Rs. 4.4 lakhs			
Shantaraj Debbarma	ST	Adwaitya Barman Mahavidhya-laya, Amarpur	Assistant Professor	Rs. 4.4 lakhs			

DEPARTMENT OF POLITICAL SCIENCE

The Department was established in 1994 and its Master Degree curriculum focuses on the study of Political TheoryThought, Comparative Politics, International Relations, Public Administration, Developmental Studies, Research Methodology, Indian Politics etc. The programme has been designed to enhance theoretical understanding, relating to the political processes in the contemporary socio-economic and institutional order and to develop methodological skills. The Department emphasises on the study of political developments in North-East India.

Head of the Department : Prof. Chandrika Basu Majumder Year of Establishment: 1994

Programmes on offer : Integrated Master's Degree (IMD), Post- Graduate Program, Ph.D.

Intake capacity : 95

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Prof. C. B. Majumder	Ph.D	Professor	Political Thought Human Rights	32	07
Prof. K. N. Jena	Ph. D	Professor	Globalization Intellectual Property Rights	31	03
Dr. Gautam Chakma	Ph. D	Associate Professor	Political Theory International Relations Politics in Northeast India	22	04
Dr. Alak Bhattacharya	Ph.D	Assistant Professor	Public Administration Development Studies Research Methodology	15	07
Mr. Vanlalmauna Darlong	M.A.	Assistant Professor	Public Administration Development Studies	10	
Mr. Biplab Debnath	M. Phil	Assistant Professor	International Relations India's Foreign Policy Politics in Southeast Asia	05	

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Miss Nengneithem Kipgen	Ph.D	Jawaharlal Nehru University, New Delhi	01
Miss Dipikanta Chakraborty	M.A.	Tripura University	01

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3. Publication Details:

3.1 Books:

Department	All Authors in sequence	Title	Publishers	Year	ISBN No.
Political Science	Edited by Prof. Chandrika Basu Majumder	Swami Vivekananda; the man and his message	Axix Books Pvt Ltd, New Delhi	2014	978-93-82835-19-6

3.2 Book Chapters:

Department	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Political Science	Prof. Chandrika Basu Majumder	Maulana Abul Kalam – An Advocate of Composite Nationalism	Ranjan Kumar Ray & Santanu Ghosh	Maulana Abul Kalam Azad: Philosophy, Education and Governance	Departments of Political Science and Economics, Maulana Azad College , Kolkata	2014	13-978-81-928246-0-4

3.3 List of other Publications:

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Department of Political Science	Prof. Chandrika Basu Majumder	Gender Issues Land Administration : Tripura Perspective	Tripura Journal of Social Science	Vol.1, No.2 ISSN NO 2357-5854	July, 2014	Page 42-52
	Prof. Chandrika Basu Majumder	Gender and Property Rights	Daughter of Nation	Vol. No.1, Issue 1, ISSN No--- 2394-241x	June to August 2015	Page-21

4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Chandana Nath	Political Participation and Empowerment of Tribal Women in Tripura : A Case Study	Prof. Chandrika Basu Majumder	Awarded
Piyali Dhar	Recognition of Community Rights under Forest Rights Act 2006 in Tripura	Prof. Chandrika Basu Majumder	Registered
Uma Begam		Dr. Dhananjoy Gan Choudhury	Registered

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5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	30.03.2015	Special Lecture on 'Gandhian concept of Trusteeship'	Mr. Anil Noorani, Advocate, Supreme Court of India.
2	07.04.2015	Special lecture on 'Globalization and Public Administration'	Prof. Jeevan Kumar, Dept. of Political Science, Bangalore University.

6. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Prof. Chandrika Basu Majumder	National Seminar on 'Upliftment of Ethical, Cultural and Socio – Economic values through Sanskrit Language and Literature'	19th and 20th July, 2014	Organized by the Dept' of Sanskrit, Govt. Women's College, Agartala,	Invited Speaker on 'Significance of Bhagabad Gita
Prof. Chandrika Basu Majumder	National Seminar on "State and Participatory Governance with special focus on North East India"	20th – 21st Nov' 2014	Organized by the Department of Public Administration, Mizoram University at Aizawl,	Acted as a Chair Person in a Technical Session
Prof. Chandrika Basu Majumder	Training on 'Gender Equity'	28th Nov' 14	Organised by Nehru Yuba Kendra, West Tripura	Acted as a Resource Person
Prof. Chandrika Basu Majumder	International Seminar on 'Patriarchy and Gender in Colonial South Asia'	16 th & 17 th January, 2015	Organised by Kabi Nazrul Mahavidyalaya, Sonamura	Chaired a Technical Session
Prof. Chandrika Basu Majumder	Empowerment of Tribal Women	13 th and 14 th February, 2015	Organised by Women's College, Agartala.	Acted as a Chairperson in a session

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Mizanur Rahman Surajit Debnath Ranjan Acharjee (Research Scholar)	National Seminar on North East India: Before and after partition with special reference to Tripura	14-15 Feb., 2015	Swami Vivekananda Mahavidyalaya, Mohanpur, Tripura (West)	Role and Leadership Quality of Movements in a Pre-partitioned North-Eastern Indian State, Tripura
Ranjan Acharjee	National Seminar on 'National Security Issues: Northeast India Perspectives'	8 - 9 Nov, 2014	Bir Bikram Memorial College, Agartala	Governance and Tribal Leadership in Tripura

7. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

NET June, 2014	01	GEN		ST		SC		OBC		Min	01
SET	02	GEN	01	ST		SC		OBC		Min	01

8. Details of Placement of a few Students:

Total	GEN	ST	SC	OBC	Min
Name of the students	Name of the Organization/Dept.		Posts/ Designation	Average annual salary (in Rs.)	
Mijanur Rahaman	Bhavan's Tripura Teacher's Training College, Agartala.		Assistant Professor	2,00,000 /-	
Uma Begam	KabiNazrulMahavidyalaya		Guest Lecture	Rs 300 per class	
Piyali Dhar	Holy Cross College		Guest Lecture	1,00,000 /-	

9. Awards/Medals received by the students during the academic year 2014-15:

Name of Students	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Samir Debnath	2 nd Prize	01-12-14	Tripura State AIDS Control Society, Govt. of Tripura	
Samir Debnath	1 st Position	19-02-2015	Akhil Bharatiya Vidyarthi Parishad	

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DEPARTMENT OF PHYSICAL EDUCATION

Head of the Department : Dr. Sanjib Kumar Bhowmik

Year of Establishment: 2011

Programmes on offer : M.P.Ed & Ph.D

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Krishnendu Dhar	M.P.E, M.Phil, Ph.D.	Assistant Professor	Biomechanics & Track & Field	4 years	2
Dr. Sanjib Kumar Bhowmik	M.P.E, M.Phil, D.Y.Ed, Ph.D.	Assistant Professor	Health Education & Yoga	6 years	1
Dr. Sudip Das	M.P.E, Ph.D.	Assistant Professor	Exercise Physiology & Foot Ball	15 Years	1

2. Visiting Teacher/ Visiting Fellow :

Name	Institution
Prof. Manika Debnath	Lakshmbai National Institution of Physical Education (LNIPE) Gwalior
Prof. Ikram Hussain	Aligarh Muslim University, Aligarh, Uttar Pradesh

3. Publication Details:

3.1 Books:

Department	All Authors in sequence	Title	Publishers	Year	ISBN No.
Department of Physical Education	Dr. Sanjib Kumar Bhowmik & Dr. Saon Sanyal (LNIPE, Gwalior)	TEST YOUR CONCEPTS IN PHYSICAL EDUCATION	Naya Pustak Mahal, Agartala	2015	978-81-926855-7-1

3.2 List of other Publications:

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
IGIPES, Delhi University	Dr. Sudip Das	A Study of Relaxation between State Anxiety and Performance in Soccer	Conference Proceeding of International Congress on Sports Psychology. ISBN No. 978-81-7873-077-6		2014	195

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4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mr. Nitya Gopal Das	“Biomechanical Characteristics of Three Different Take-Off Action Involved in Triple Jump.”	Dr. Krishnendu Dhar	Registered
Mr. L. Baleshwor Singh	“A Comparative Study on Selected Physical and Performance Related Parameters on National Level Volleyball Players of Selected States in India.”	Dr. Krishnendu Dhar	Registered
Mr. Sangram Bhattacharjee	“An Analytical Approach Towards Postural Deformities of Elementary School Boys of Tripura.”	Dr. Sudip Das	Registered
Mr. S. Premananda Singh	“Effect of Psychological Skill Training Programme on Selected Psychological variables, Skill Performance and Playing of Soccer Players.”	Dr. Sanjib Kumar Bhowmik	Registered

5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1.	10 th to 12 th Feb, 2015	“Workshop on Self-defence and Yoga For Health” in association with Women’s Study Centre	1. Mr. Debashis Bharattacharjee, (Youth Affairs and Sports, Govt. of Tripura) 2. Dr. Sanjib Kumar Bhowmik
2.	21 st June 2015	Observance of International Day of Yoga	Swami Hitakamanand Maharaj Ji, Secretary Ramkrishna Mission, Tripura

6. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
6	6	

7. Major Instruments available in the Department:

- i. Body Composition Analyzer
- ii. Tread Mill
- iii. Dry Spirometer
- iv. Grip Dynamometer (Digital)
- v. Grip Dynamometer (Analog)
- vi. Infrared Lamp

- vii. Leg/Back Dynamometer
- viii. Goniometer
- ix. Peak Flow Meter
- x. Photron Stedy Pro 560 Tripod
- xi. Stadiometer (Portable)
- xii. Sagmometer
- xiii. Weighing Scale
- xiv. Digital Thermometer
- xv. Skinfold Caliper
- xvi. Sliding Caliper

8. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Dr. Sudip Das (Asstt. Professor)	International Seminar on Sports Psychology	15 th to 18 th Oct. 2014	IGIPSS, Delhi University	“A Study of Relation Between State Anxiety & Performance in Soccer”
Dr. Sanjib Kumar Bhowmik (Asstt. Professor)	National Seminar on Fit and Healthy India- Vision 2020 A Physical Education Perspective	20 th to 21 st Feb. 2015	LNIPE North East Regional Centre, Guwahati, India	“Effect of various Yogic Intervention Strategies on Vital Capacity of Upper Medium class House wife”
Mr. S. Premananda Singh (Ph.D. Scholar)	National Seminar on Fit and Healthy India- Vision 2020 A Physical Education Perspective.	20 th to 21 st Feb. 2015	LNIPE North East Regional Centre, Guwahati, India	“A comparison of selected motor abilities among state level weight lifter and power lifter of Tripura” “Role of Nutrition for Soccer Performance”
Mr. Debasish De (Ph.D. Scholar)	National Seminar on Tribal life and forest Resource Management.	12 th to 13 th March, 2015	Department of Sociology, M.B.B. College, Agartala (W)	“Importance of Forest Training among the Tribal Athletes”
Mr. Biren Mahato (M.P.Ed Student)	National Seminar on Fit and Healthy India- Vision 2020 A Physical	20 th to 21 st Feb. 2015	LNIPE North East Regional Centre, Guwahati, India	“Comparative Study of performance in selected Track and Field Events among state level Athletes of Tripura and West

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	Education Perspective.			Bengal”
Mr. Pankaj Debnath (M.P.Ed Student)	National Seminar on Fit and Healthy India- Vision 2020 A Physical Education Perspective.	20 th to 21 st Feb. 2015	LNIPE North East Regional Centre, Guwahati, India	“Yogic Practice: A Key for Glowing Skin”
Dr. Sudip Das (Asstt. Prof.)	UGC Sponsored National Workshop	30 th March to 5 th April 2015	Rani Durgavati Vishvidyalaya, Jabalpu (M.P)	“Empowering Physical Education Personal through Sports Sciences”

9. Major thrust area of research: Health & Wellness, Training, Teaching, Yoga, Sports Psychology, Exercise Physiology, Bio-Mechanics.

10. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

NET June, 2014	1	GEN		ST		SC		OBC	1	Min	
NET December, 2014	2	GEN	1	ST		SC		OBC	1	Min	

11. Details of Placement of a few Students:

Total	7	GEN	5	ST	1	SC	1	OBC		Min	
Name of the students	Name of the Organization/Dept			Posts/Designation				Average annual salary (in Rs.)			
Mis. Manisha Chasha	Govt. Degree College, Kamalpur			Guest Lecturer				54000.00			
Mr. Amit Dhar	Ramthakur College, Agartala			Guest Lecturer				54000.00			
Mr. L. Sailo	St.paul School, Agartala, Tripura			Physical Education Teacher				120000.00			
Mr. Rupak Barua	KVS, Ambassa, Tripura			Yoga Teacher (Contractual)				312000.00			
Mr. Paritosh Das	KVS, Ambassa, Tripura			Physical Education Teacher (Contractual)				312000.00			
Mr. Sumit Chakraborty	Tinskuia English Academy, Tinskuia, Assam.			Physical Education Teacher				180000.00			
Mr. Sumit Bhardan	Iswar Chandra Vidyasagara College, Belonia, Tripura			Guest Lecturer				54000.00			

DEPARTMENT OF PSYCHOLOGY

The Department of Psychology was established in the year 2011 with the commitment to prepare Psychologists as Professionals for significantly contributing to the development of society. Due emphasis has been placed in developing Psychologists with innovativeness, so as to enable the students to become self-employed. The department also emphasises on promoting research activities.

The Department of Psychology is dedicated towards advancing the knowledge of Management of Mental Health. In this direction major emphasis has been given to train students as Teachers, Counsellors, Therapists and Researchers by cultivating mastery over relevant skills in the areas of human development and behaviour.

Head of the Department : Dr. Anjana Bhattacharjee

Year of Establishment: 2011

Programmes on offer : M.A./M.Sc./Ph.D. in Psychology

Intake capacity : 20

1. Fulltime Faculty Members : 02

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Anjana Bhattacharjee	MA, Ph.D.	Assistant Professor	Clinical Psychology	Eight Years	05
Dr. Rajesh Ganesan	M.S.(ISA), Ph.D.	Assistant Professor	Behaviour Technology	Four Years	8

2. Guest Teachers/Contract Teachers: 02

Name	Qualification	Institution	No. of years of teaching experience
Dr. Joysree Das	Ph.D. in Psychology	M.B.B College , IGNOU & T U.	5 Years
Poonam Mukherjee	M.Sc. (Clinical psychology)	MBBC	2 Years

3. Publication Details:

3.1 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National/ International):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Psychology	Bhattacharjee, A.	Who feels lonelier? A comparative analysis.	International Journal of Multidisciplinary Educational Research	Vol. 4, Issue 4(2),	2015	156-171

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Bhattacharjee, A. & Bhattacharjee, S.	Impact of maternal working status on parental bonding and depression among their adolescents offspring: A comparison.	International Journal of Scientific Research (IJSR),	4(4)	2015	36-38
Bhattacharjee, A & Deb, R.	Mental retardation and perceived parental Stress: a comparative study.	International Journal of Multidisciplinary Educational Research	Vol. 4, Issue 2(3)	2015	111-124
Bhattacharjee, A. & Debbarma, R	Parental bonding styles among higher secondary school students	Indian Journal of Psychology and Education	5(1)	2015	61-67
Bhattacharjee, A. & Chhetri, K	Who is more depressed? A study among persons with disability.	Indian Journal of Health and Wellbeing	5 (11)	2014	1339-1341
Bhattacharjee, A. & Chhetri, K	Self-esteem of disabled and abled: A comparative analysis	Voice of Research (An International Journal)	3 (2)	2014	11-14
Bhattacharjee, A. & Banda, S.	Self esteem of HIV infected persons of Tripura: A comparative study	Asian Academic Research Journal of Social Sciences and Humanities	1 (27)	2014	203-214
Bhattacharjee, A. & Bhattacharjee, S.	Security-Insecurity Feeling and Depression among Adolescents of Working and Non-working Women.	International Journal of Science and Research (IJSR)	3(8)	2014	1789-1792

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Psychology	Rajesh,G. and Nelson C. Elias	Impact of Academic Achievement on the Effectiveness of Behavioral Interventions to Enhance Emotional Intelligence.	Education Plus (A Peer Reviewed Journal). An International Journal of Education and Humanities, APH Publishing Corporation, Vol.III, No-1, ISSN No. 2277-2406	Vol.III, No-1	2014	35-40
Psychology	Rajesh,G. and Nelson C., Elias	Perceived Maternal Parenting Styles and Emotional Intelligence among High School Students.	Education and Development (A Peer Reviewed Journal). An International Journal of Education and Humanities, APH Publishing Corporation, ISSN No. 2320-3684.	Vol.III, No-1	2014	170-174
Psychology	Rajesh, G. and Smaji Tony	Successful Learning through Teaching based on Multiple Intelligence Theory.	Edu World (A Peer Reviewed Journal of Education and Humanities), APH Publishing Corporation, ISSN No. 2319-1129	Vol.III No.1	2014	243-246
Psychology	Rajesh, G. and Smaji Tony	Multiple Intelligence and Creativity.	Journal of Education in Emerging Indian Society. (A Peer Reviewed Journal). An International Journal of Education and Humanities, New Delhi	Vol.1, No.1,	2014	187-190
Psychology	Rajesh, G. and Jenna Madhavan	A Study of Effectiveness of Behavioral Intervention among Wives of Alcoholics.	Edu World (A Peer Reviewed Journal of Education and Humanities. APH Publishing Corporation. ISSN No. 2319-1129.	Vol.III, No.1,	2014	252-255

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Psychology	Rajesh, G. and Jeena Madhavan (2014).	Impact of Behavioral Interventions to Enhance Emotional Intelligence among Wives of Alcoholics.	Journal of Education in Emerging Indian Society. (A Peer Reviewed Journal). An International Journal of Education and Humanities, New Delhi.	Vol.1, No.1,	2014	196-199
Psychology	Das J.	Emotional maturity among love marriage couples- with special references to Agartala.	IJHSSI (International journal of Humanities and Social Science Invention).	Volume: 03, Issue:06	2014	1 to 04
	Talukdar R.R & Das J.	Sex ratio Imbalance in higher education and social adjustment among students.	Periodic Research, Multi-Disciplinary International journal,	Volume: 03, Issue:02	2014	152 to 156
	Das J.	Emotional maturity among Arranged marriage couple with special references to Agartala	EPRATrust International journal of economic and business review-online,	vol. 3, Issue 7	2015	127 to 130
Psychology	Mukherjee, H. and Mukherjee, P.	Locus of Control, Birth Order and Residence as predictors of General Wellbeing with special reference to Tripura. Vol. 3 Issue 3	Voice of research	Vol. 3 Issue 3	2014	3

4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Moon Banerjee	Anger Management among the Male Criminals in Central Prison of Tripura	Dr. Rajesh Ganesan	Registered (Ongoing)

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Mahuya Deb	Management of Adjustment Problems of Fresher Female Students in College / University Hostels	-do-	-do-
Amrita Banerjee	Mental Health and Wellbeing of Cancer Patients of Tripura	Dr. Anjana Bhattacharjee	Registered (Ongoing)
Rebeka Debbarma	Parental Bonding Styles and Mental Health among Adolescent School Students of Tripura	Dr. Anjana Bhattacharjee	Registered (Ongoing)

Six Candidates under Ph.D., Part-Time B Category, Bharathiar University, Coimbatore.

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Jeena Mohan	Management of Alcoholism with Behaviour Technology	Dr. Rajesh Ganesan	Registered (Ongoing)
Nelson C. Elias	Management of Academic Stress with Behaviour Technology among Secondary School Students	-do-	-do-
Smaji Tony	Development of Creativity among Secondary School Students	-do-	-do-
Pankaj Singh	Management of Mathematics-Anxiety with Behaviour Technology among Secondary School Students	-do-	-do-
Mukund B. Kulkarni	Management of English- Anxiety with Behaviour Technology among Secondary School Students	-do-	-do-
Kavitha	Management of Learning Disability with Behaviour Technology among Secondary School Students	-do-	-do-

5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1.	29/08/2014	Management of Psychological Problems among Students	Prof. Anjali Ray, Department of Applied Psychology, Calcutta University

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2.	10/09/2014	Neuropsychological Aspects & Prevention of Suicide	Dr. Ganajit Debbarma, Associate Professor, Dept. of Psychiatry, Tripura Medical College, Hapania.
3.	18/11/2014	Importance of Counseling in Daily Life	Prof. Dipes Chandra Nath (Retd.), Department of Applied Psychology, Calcutta University
4.	15/12/2014	Aggression: Different Dimensions and Perspectives	Prof. Sadhan Dasgupta, Department of Applied Psychology, Calcutta University
5.	21/05/2015	Mental Retardation: Different Aspects and Management	Prof. Dipes Chandra Nath (Retd.), Department of Applied Psychology, Calcutta University

6. 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 attended	Duration/Date	Organized by	Title of the paper presented
Dr. Anjana Bhattacharjee	International Seminar on Tribal Health	on 6 th – 7 th April 2015	Department of MRMD, Tripura University	Mental Health Status of Adolescents: A Study among Tribal Community of Tripura
Dr. Anjana Bhattacharjee	National Seminar on Empowerment of Tribal Women	on 13 th & 14 th February 2015	Womens College, Agartala	Fostering Positive Mental Health and Empowering Tribal Girl Students of Tripura: An Empirical Analysis
Dr. Anjana Bhattacharjee	National Conference on Adolescent Development: Issues and Challenges	on 29 th -30 th January 2015	Psychology Research Unit, Indian Statistical Unit	Emotional Intelligence among Adolescents of Tripura: A Comparative Study
Dr. Anjana Bhattacharjee	Annual InSpa International Conference 2014	(on 21-23 rd November 2014)	Department of Psychology, Guahati University and In Spa India	Depression and Suicide among Students: Identification and Prevention (Invited Talk in Symposium)
Dr. Anjana Bhattacharjee	Annual InSpa International	on 21-23 rd November	Department of Psychology, Guahati University	Who feels more depressed and insecure: A comparative Study among

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	Conference 2014	2014	and In Spa India	the school students of Tripura
Dr. Anjana Bhattacharjee	National Seminar on National security Issues: North East India Perspectives	on 8 th – 9 th November 2014	Department of defence studies, BBM College, Agartala, Tripura	Crime Against women in Tripura: an Alarming threat to social security
Dr. Anjana Bhattacharjee	International Research Conference on Humanities and Social Sciences	On 15 th – 16 th October, 2014	Faculty of Humanities and Social Sciences, University of Sri Jayewardenepura, Nugegoda, Srilanka .	Mental Health of Cancer Patients: A Psycho-oncological Study

7. Major thrust area of research : Psychology of adolescents and women, Problems of disadvantaged youths, Disability, Clinical Psychology, Behaviour technology.

8. Details of Students' Placement known to the Department:

Total	GEN	ST	SC	OBC	Min
Name of the students	Name of the Organization/Dept.		Posts/ Designation	Average annual salary (in Rs.)	
Antara chakraborty	Agartala public school		Teacher	72000	
Arijit Das	DDRC		counselor	120000	
Soumali Bhattacharjee	MBBB College		Guest teacher	50000	
Reshmi saha	ICFAI University		Guest teacher	40000	
Rupa Deb	Child welfare society		Counselor	96000	
Khusbo chhetri	TCCW		Counselor	96000	
Atasi Saha	NGO		Counsellor	144000	

9. Awards/Medals received by the Teachers during the academic year 2014-15:

Name of Teacher	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Dr. Anjana	Second Best Paper Award in the National Conference on	30th January	Psychology	

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Bhattacharjee	Adolescent Development: Issues and Challenges (in the scientific Session 8)	2015	Research Unit, Indian Statistical Unit	
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17. Any other achievements:

By the Students:

The students of the department achieved 3rd prize in the interdepartmental competition in UDBHAAS 2014.

By the Faculty:

- Dr. Anjana Bhattacharjee delivered invited lecture as Resource Person on 'Concept in Research: Variables and Attributes' in the Ten Days workshop on Research Methodology in Social Sciences jointly organized by department of Education and Department of History sponsored by ICSSR, New Delhi (21-30 March, 2015).
- Dr. Anjana Bhattacharjee delivered invited lecture on the workshop on Assessment, Evaluation & Certification of persons with Disabilities organized by Abhoy Mission in collaboration with Vocational Rehabilitation Center for Handicapped, Tripura on 28.03.2015.
- Dr. Anjana Bhattacharjee delivered invited lecture on 'Behaviour Detection Techniques' in the 4 days VIP Security course organized KTDS Police Training Academy, Tripura on 20.01.2015.
- Dr. Anjana Bhattacharjee delivered invited lecture on 'Causes of Violence against women and its increasing trend' on 12.01.2015 in the three days workshop on Gender Sensitisation organized by KTDS Police Training Academy, Tripura in collaboration with National Commission for Women.
- Dr. Anjana Bhattacharjee delivered invited lecture on 'Behaviour Detection Techniques' in the 4 days VIP Security course organized by KTDS Police Training Academy on 12.12.2014..
- Dr. Anjana Bhattacharjee delivered invited lecture on 'Counseling' for class X students at Kendriya Vidhyalaya, NIT, Agartala on 02.09.2014.

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DEPARTMENT OF RURAL MANAGEMENT AND DEVELOPMENT

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 professionals equipped for thinking globally and acting locally so as to ensure their intervention is relevant, appropriate, latest, just and right.

Head of the Department: Dr. Jayanta Choudhury

Programmes on offer : Masters in Rural Management & Development, Ph.D. in Rural Management & Development

Intake capacity : 40

1. Fulltime Faculty Members : 3

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Jayanta Choudhury	Ph.D. in Rural Development	Assistant Professor	Micro Finance/SHG; RD Project Management; Local Self-Government Participatory Research	13	05
Dr. Arobindo Mahato	Ph.D. in Rural Development	Assistant Professor	Corporate Social Responsibility, Good Governance, Cross-Border Issues, Rural Livelihood, Entrepreneurship	04	03
Dr. Samrat Goswami	Ph.D. in Rural Development	Assistant Professor	Environmental and Resources Economics, Categorical Data Analysis	07	01

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Ms. Moutoshi Deb	MA (Rural Management & Development)	Tripura University	

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3. Publication Details:

3.1 Books:

Department	All Authors	Title	Publishers	Year	ISBN No.
Rural Management & Development	Jayanta Choudhury S.P.Singh A.K.Singh	Inclusive Rural Development In India : Emerging Issues, Approaches and Strategies (Edited) (4 Volumes)	Ashwin-Anokha Press, New Delhi	2015	978-81-904750-9-9
	Dr. Arobindo Mahato (with Barnali Roy)	Business Plan in Enterprising	Naya Pustak Mahal,	2015	978-81-926855-0-2

3.2 Book Chapters:

Department	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Rural Management & Development	Dr. Jayanta Choudhury (with Moutoshi Deb)	<i>ASHA: New Light of Hope for Health Communication /Promotion in Rural India</i>	P. K. Chattopadhyay & D. S. Kushwaha,	<i>State of Health, Education and Women: Glimpses of Rural India</i>	Renu Publishers,	2015	ISBN: 978-81-85502-01-4
	Dr. Jayanta Choudhury (with Solanki Debnath)	Women in Panchayat Raj Institution in Tripura	Jayanta Choudhury, S.P.Singh, A.K.Singh.	Inclusive Rural Development In India : Emerging Issues, Approaches and Strategies	Ashwin-Anokha Press, New Delhi	2015	978-81-904750-9-9
	Dr. Arobindo Mahato (with Barnali Roy)	Positional Disparity towards Ethnic Conflicts: With Special Reference to North East	Chakraborty, P.	Governance in Multicultural Societies: Issues and Trends, 84-104	Excel India Publishers	2014	978-93-83842-60-5
	Dr. Arobindo Mahato (with Mrinal Kanti Deb)	Role of Governance in Primary education: A comparative Study between Private and Government schools in Tripura	Chakraborty, P.	Governance in Multicultural Societies: Issues and Trends, 205-218	Excel India Publishers	2014	978-93-83842-60-5

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		(Rural).					
	Dr. Arobindo Mahato (with Barnali Roy and T. Nag)	Empowerment of Women through Corporate Social Responsibility	Abdul Azeez NP	Women Empowerment in India	Anmol Publication Pvt. Ltd	2015	978-81-261-6382-3

3.3 List of Publications in peer reviewed (**International**) Journals/ Books/ Proceedings:

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Rural Management & Development	Jayanta Choudhury (with Moutoshi Deb)	Domestic Violence in Rural India: Causes and Consequences	International Social Development Conference (Seminar proceedings) organized by University Utara, Malaysia.	Vol-1	2014	
	Dr. Arobindo Mahato (with Barnali Roy)	Marketability of organic farm produces: An In-depth study in Tripura, India.	Ayan, An International Multidisciplinary Refereed Research Journal, ISSN: 2347-4491	3(1)	2015	32-42
	Dr. Arobindo Mahato with Prof. Onkar Prasad	Changing Facets Of Hindu Society: A Review	Anthropos, India, ISSN-2394-8396	Vol-1(2)	2015	218-243

3.4 List of Publications in peer reviewed (**National**) Journals/ Books/ Proceedings:

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Rural Management & Development	Dr. Jayanta Choudhury (with Reshmi Ghosh)	E-governance and Rural Development: An Assessment of CSCs in Tripura.	IBMRD's Journal of Management & Research ISSN 2348-5922	Volume 4 (1)	2015	
	Dr. Arobindo	Rural Development	Kurukshetra, Ministry of	Vol-63(6)	2015	14-16

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	Mahato (with Barnali Roy)	Programmes	Rural Development, ISSN-0021- 5660			
	Dr. Arobindo Mahato	Rural wage employment: a critical review	Kurukshetra, Ministry of Rural Development, ISSN-0021- 5660	Vol- 62(12)	2014	15- 18
	Dr. Arobindo Mahato	Sustainable Rural Economy through Informed community: A perspective towards Indian Situation	YOJANA web- exclusives, Ministry of Information and Broadcasting	Vol-78 (8)	2014	19- 21

3.5 List of other Publications:

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Rural Management & Development	<i>Prankrishna Banik and Manoshi Das</i>	<i>Shifting Cultivation Among Reang Tribes in Tripura: Process and impact study,</i>	<i>TUI-A journal on Tribal Life & Culture, ISSN 2319-7382</i>	<i>Vol- XVII No. 02</i>	2014	189- 203

4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/ Theses submitted/Awarded
Moutoshi Deb	Gender Based Violence: Study on Causes and Consequences of Domestic Violence in Rural Tripura	Dr. Jayanta Choudhury	Registered
Solanki Debnath	Social Inclusion of Persons With Disabilities: A Study in Rural Areas of Tripura	Dr. Jayanta Choudhury	Registered
Prankrishn a Banik	Tribal Livelihood And Forest Rights Act: An Impact Study With Special Reference to Particularly Vulnerable Tribal Groups (PVTGs) in Tripura	Dr. Jayanta Choudhury	Registered
Barnali Roy	Trade in Goods between Tripura and Bangladesh towards Livelihood Promotion in Rural Tripura	Dr. Arobindo Mahato	Registered

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5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Main Speakers
1	6-7 April, 2015	International seminar on 'Tribal Health: Issues, Challenges and Opportunities' organized by Centre for Rural Studies (CRS), Department of Rural Management & Development, Tripura University, on, Sponsored by Tribal Research and Cultural Institute (TR & CI), Govt. of Tripura.	Prof. A. K. Ghosh, Honb'le Vice Chancellor, Tripura University; Ms. Meenakshi Datta Ghosh, IAS, Former Special Secretary, Ministry of Health & Family Welfare, Government of India; Dr. Bamin Tada, Advisor (Health), North Eastern Council, Govt. of India; Dr. Shiladitya Chatterjee, IAS, Former Chairman, MDG, Asian Development Bank, Philippine.
2	21 st January, 2015	Sensitization-cum-Consultative-Workshop on Bonded Labour organized by Centre for Rural Studies, Department of Rural Management & Development, Tripura University.	Dr. L. Mishra, IAS, Special Advisor, National Commission for Protection of Child Right, Govt. of India. Mr. Santanu Dutta, Director of National advocacy, International Justice Mission, New Delhi.
3	11-13 February, 2015	Right To Education Act organized by Centre for Rural Studies, Department of Rural Management & Development, Tripura University in collaboration with PRATHAM, Mumbai	Ms. Nimisha Kapoor, Research Associate at ASER Center Capacity Building Unit, Mumbai
4	20 March, 2015	Preparatory Workshop on Tripura Human Development Report, Phase-II in collaboration with Pratichi Institute (Pratichi India Trust), Kolkata.	Mr. Kumar Rana, Project Director, Pratichi Trust, Kolkata.
4	1 st September, 2014	Various Schemes Implemented by CSWB in Tripura	Dr. Swapan Shaw Welfare Officer Central Social Welfare Board, Govt. of India.
5	15 September, 2014	Forestry for Rural Development	Pawan K. Kousik Regional Director Centre for Forest Based Livelihood & Extension Ministry of Environment & Forests, Govt. of India.

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6	9th September, 2014	NRM Based Livelihood	Dr. A.K.Gupta, IFS CEO & PD Indo-German Development Project, Tripura.
7	16 th October, 2014	Disaster Management with special reference to Tripura	Dr. Sarat Das State Programme Officer Disaster Management UNDP – Tripura Chapter
8	13 th December, 2014	Social Exclusion and Education: Experience from the Chittagong Hill Tracts, Bangladesh	Dr. Ala Uddin Chairman & Associate Professor Department of Anthropology University of Chittagong Chittagong 4331, Bangladesh.
9	16 th March, 2015	Measuring Nutritional Status in Rural Areas	Dr. Debasis Basu Research Associate Anthropological Survey of India. Govt. of India.

6. Major Instruments available in the Department: Computer lab with LCD

7. Conference/ Seminar/ Workshops/ Winter schools attended by teachers/students/ research scholars of the Department and submitted paper:

7.1 Teachers :

Name	Conference/ Seminar / Workshop attended	Duration/ Date	Organized by	Title of the paper presented
Dr. Samrat Goswami	In the 11 th Annual Meeting of International Water and Resource Economics Consortium (IWREC)	8-9 September 2014	World Bank Head Quarter, Washington DC, United States of America	Measuring Efficiency of Village Tanks in Purulia and Bankura Districts of West Bengal, India through Video Conferencing from World Bank Office, Dhaka, Bangladesh.
Dr. Samrat Goswami	International seminar on 'Tribal Health: Issues, Challenges and Opportunities'	6-7 April, 2015	Centre for Rural Studies (CRS), Department of Rural Management & Development, Tripura University, Sponsored by Tribal Research and Cultural Institute (TR & CI), Govt. of Tripura	A Note on the Existence and Structure of Utility Function for Tribal Health
Dr.	Peoples Education	13 th February	KVIC, Mumbai,	Rural Industrialization

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Arobindo Mahato	Programme	2015	India	Thorough Khadi & Village Industries
Dr. Arobindo Mahato	Research Methodology Workshop	21 st -31 st March 2015	Tripura University	1. Experimental Research 2. Case Study Method of Research 3. Field Survey
Dr. Arobindo Mahato	Right to Education Act	11-13 February, 2015	Tripura University and PRATHAM, Mumbai	Status of Quality Education in Tripura in Light of Right to Education Act 2009
Dr. Arobindo Mahato	Refresher Course- Women's Studies, Interdisciplinary	August 6-26, 2014	Academic Staff College, Banaras Hindu University, Varanasi, India,	Status of women in Tripura
Dr. Jayanta Choudhury	Visiting Fellow	June 7-15, 2015	Department of Rural Development & Agricultural Production, NEHU (Tura Campus)	IEC, Rural Extension and Communication
Dr. Jayanta Choudhury	10 th Regional SARAS Fair	January 11, 2015	Department of Rural Development, Govt. of Tripura	Women Entrepreneurship Development : Issues & Challenges
Dr. Jayanta Choudhury	Research Methodology Workshop	March 23, 2015	Department of History & Department of Education, Tripura University	Introduction of Participatory Rural Appraisal
Dr. Jayanta Choudhury	Training on RTI & Good Governance, sponsored by DoPT, Govt. of India	April 21, 2015	State Institute of Rural Development & Public Administration (SIPARD).	Good Governance : Concept & Challenges
Dr. Jayanta Choudhury	National level seminar on 'Tribal Life and Forest Resource Management'	March 12-13, 2015	Department of Sociology, Maharaja Bir Bikram College, Agartala, sponsored by Tribal Research and Cultural Institute (TR & CI), Government of Tripura	Impact of Forest Rights Act (FRA) on Tribal Livelihood: An Empirical Reflection

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7.2 Students :

Name	Conference/ Seminar/ Workshop attended	Duration/ Date	Organized by	Title of the paper presented
Moutoshi Deb	International seminar on 'Tribal Health: Issues, Challenges and opportunities'	6-7 April, 2015	Centre for Rural Studies (CRS), Department of Rural Management & Development, Tripura University, Sponsored by Tribal Research and Cultural Institute (TR & CI), Govt. of Tripura	' <i>Estimation of Health Status in Rural Tripura through Health Infrastructure Index</i> '
Solanki Debnath	International seminar on 'Tribal Health: Issues, Challenges and opportunities'	6-7 April, 2015	Centre for Rural Studies (CRS), Department of Rural Management & Development, Tripura University, Sponsored by Tribal Research and Cultural Institute (TR & CI), Govt. of Tripura	Social Exclusion and Tribals with Disability
Barnali Roy	National Seminar on exploring Environmental History in North East India : trends and possibilities, 2014	2 days, 22 nd to 23 rd August, 2014	Dept of English, Tripura University Sponsored by North-East Writers' Forum	Role of Government in dealing with environmental problems: An experience from Total Sanitation Campaign Educational
Barnali Roy	International Seminar on Migration, Care Economy and Development	3days, 17 th to 19 th September, 2014	Centre for Development Studies, Kerala in collaboration with International Institute for Population Sciences, Mumbai and the Institute for Social and Economic Change, Bangalore.	Human Migration across Border and its impact on their families: An Experience from Tripura
Barnali Roy	National Seminar on National Security Issues: Northeast India Perspective	2 days, 8 th to 9 th November, 2014	Department of Defense Studies, BBMC in collaboration with CSSR. Sponsored by	Trade between Tripura and Bangladesh as an Instrument to Fight against Poverty and

			North-Eastern Regional Office (NERO), UGC.	Unemployment.
Barnali Roy	National Seminar on Contribution of Gandhi for Promotion of Human Values and Ethics	31st March - 1st April, 2015	Department of History, Tripura University Funded by UGC	A study on Trade Ethics and Gandhian Philosophy in Practice: with special reference to Trade between Tripura and Bangladesh
Prankrishna Banik	International seminar on 'Tribal Health: Issues, Challenges and opportunities'	6-7 April, 2015	Centre for Rural Studies (CRS), Department of Rural Management & Development, Tripura University, Sponsored by Tribal Research and Cultural Institute (TR & CI), Govt. of Tripura	Women Health Care and Practices among the Primitive Tribal Groups in Tripura
Prankrishna Banik	National level seminar on 'Tribal Life and Forest Resource Management'	12-13 March, 2015	Department of Sociology, Maharaja Bir Bikram College, Agartala, sponsored by Tribal Research and Cultural Institute (TR & CI), Government of Tripura	Impact of Forest Rights Act (FRA) on Tribal Livelihood: An Empirical Reflection
Moumita Suklabaidya	National level seminar on 'Panchayati Raj as an Instrument of Rural Development with Support from Financial Institutions'	27-28 November, 2014	Centre for Research in Rural and Industrial Development Sector 19-A, Madhya Marg, Chandigarh 160019. Sponsored by State Bank of India Chair	Savings and Debt Pattern of Rural Households of Tripura: With Special Reference of the Financial Institution
Moumita Suklabaidya	16 th Annual Conference of North East Economic Association & National Seminar	8-9 January, 2015	Department of Economics, Tripura University	Status of Drinking water Facilities in Rural Tripura: A Study based on the Census Data
Mrinal Kanti Deb	National Seminar on Imaging and Imagining the North East :Discourses on North Eastern Literature,	22 nd - 23 rd August, 2014	Department of English, Tripura University	Ethnicity, Conflict and Immigration: An Experience from North-East India.

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	Culture, Creativity and Criticism			
Mrinal Kanti Deb	International Seminar on Migration, Care Economy and Development	17 th to 19 th September , 2014	Centre for Development Studies, Trivandrum, Kerala	Human Migration across Border and its impact on their families: An Experience from Tripura
Mrinal Kanti Deb	National Seminar on National Security Issues: North-East India Perspectives.	8 th to 9 th November , 2014	BBM College Agartala, Tripura	Illegal Immigration and Its Implication: An Experience from North East India
Mrinal Kanti Deb	TWO DAY Seminar on Panchayati Raj as an Instrument of Rural Development with Support from Financial Institutions	27 th to 28 th November , 2014	Centre for Research in Rural and Industrial Development, Chandigarh.	Empowering rural women by credit mechanism through panchayat in Tripura: A Case study
Mrinal Kanti Deb	16 th Annual Conference of NEEA & National Seminar	8-9 January, 2015	Department of Economics, Tripura University	Understanding Inequality and Deprivation through Immigration from Bangladesh: with special reference to Assam and Tripura.
Mrinal Kanti Deb	National Seminar on “TRIPURA IN 21 ST CENTURY: DEVELOPMENT EXPERIENCE	23-24 May, 2015	Economic Science Society of Tripura	Understanding Political Conflict Through Migration: A Study of Tripura

8. Major thrust area of research:

- Rural Livelihood
- Evaluation Research
- Natural Resource Management
- Education
- Migration

9. New initiatives/Innovations:

- Suryamoninagar Gram Panchayat under Dukli RD block has been adopted as ‘**Adarsh Gram**’ (Model village) and **Pradhan Mantri Jana DhanYojana** campaign has been launched as entry point activity to commemorate the birth anniversary of Sardar Vallabhbhai Patel on October 31, 2014. A **Household survey on ‘Bank Linkages’** was conducted by the students of Department of Rural Management & Development, Tripura University. The study found that out of total 788 HHs, 235 HHs (29.8%) do not have any bank account. The Department shall facilitate towards bank linkages of those 235 HHs and make the village as 100 % bank linked village.

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- Rural Update** : Rural updates have been maintained as an extra-curricular activity in the Department. Pertaining to this, students are divided into groups along with a research scholar in each group. Each group maintains reports on the latest news of rural India and shares it on a specific day of the week. This not only keeps the students, scholars and the faculty updated with the happenings of the field but also provides students with a scope to expand their knowledge and gather experiences of the field they are working in.

10. Details of Placement of a few Students:

Total	8	GEN	3	ST	0	SC	3	OBC	2	Min	0
Name of the students	Name of the Organization/Dept.						Posts/ Designation	Average annual salary (in Rs.)			
Mr. Sandip Sinha	Directorate of Minority Welfare, Govt. of Tripura						Block Level Facilitator	Rs. 15,000/- p.m.			
Mr. Manish Das	TERI for World Bank Aided, North Eastern Livelihood Project						Resource Person	Rs.16000/- p.m.			
Mr. Ranjit Das	TERI for World Bank Aided, North Eastern Livelihood Project						Resource Person	Rs.16000/- p.m.			
Mr. Dipankar Debnath	TERI for World Bank Aided, North Eastern Livelihood Project						Resource Person	Rs.16000/- p.m.			
Mr. Tutan Saha	TERI for World Bank Aided, North Eastern Livelihood Project						Resource Person	Rs.16000/- p.m.			
Ms. Sanjukta Debnath	Teresa Social welfare organization under Tripura AIDS Control Society						Project Manager	Rs.16000/- p.m.			
Ms. Mamata Das	Child Line, Udaipur						Counsellor	Rs.5000/-p.m.			
Mr. Sanjoy Das	Bharti Foundation, Gurgaon						Asst. Cluster Manager	Rs. 21,000/- p.m.			
Suman Debnath	NRLM						Cluster coordinator	13000/- p.m.			

11. Awards/Medals received by the students during academic year 2014-15:

Name of Students	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Mr. Mrinal Kanti Deb	Second Prize Debate competition during UDBHASH (Cultural Programme)	October 2014	Tripura University	
Reshmi Ghosh	Second Prize (Rs. 5000 prize money) in Best Research Paper category in the seminar	1 - 3 November, 2014	Institute of Business Management and Rural Development (IBMRD), Maharashtra	

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12. Awards/Medals received by the Teachers:

Name of The Teacher	Name of Awards/Medals	Date of Award	Awarding Agency/ Institution	Remarks
Dr. Jayanta Choudhury	Global Award (Best Professor in Rural Development)	23 rd July, 2015	World Education Congress, 2015 At Tajland Hotel, Mumbai	

13. On-going Research Projects in 2014-15

Faculty of Rural Management & Development					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Dr. Jayanta Choudhury	Department of Labour, Govt. of Tripura	Identification of Bonded Labour in Tripura	14.00	7.00	9 months
Dr. Arobindo Mahato	NEUPA	Clench towards RTE-2009 in Elementary Level Education of North-East, India	1.00	0.3	8 months
Dr. Arobindo Mahato	Sarva Shiksha Abhiyan	5% Sample Checking of School Level Data Under Unified District Information System for Education for the year 2014-15	0.68	0.24	2 months

DEPARTMENT OF SANSKRIT

The Department was established in 1977 as part of the Post Graduate Centre of Calcutta University. Since then it has moved with time and has endeavoured to offer postgraduate programme in Sanskrit keeping in view its contemporary relevance. Several senior and reputed teachers are part of the faculty members of the Department. The Department has been very active in research and co-curricular activities. All the faculty members encourage students to participate in departmental activities such as recitations, language proficiency competitions and seminars.

Head of the Department : Dr. Chandan Kumar Chakraborty

Programme on offer : M.A, Pre Ph. D. Course work & Ph.D.

Intake Capacity : 60 (Sixty) and enhanced to 80 (Eighty)

1. Full time faculty members: 05 (Five)

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. scholars under his/ her supervision
Dr. Chandan Kumar Chakraborty	M.A, LLB, Ph.D.	Associate Professor & HOD	Kavya (Literature)	35+ years	07 + (Co-supervisor for 2 scholars)
Prof. Jyotish Nath	M. A., Ph.D.	Professor	Vedanta	34+ years	01
Dr. Sipra Ray	M.A, M.Phil., Ph.D., LLB, Certificate course in Kokbarak Language	Associate Professor	Classical Literature & Literary criticism	22 + years	
Dr. Shankar Nath Tiwari	M.A, (Sanskrit, Hindi) M.Phil., Ph.D.	Assistant Professor	Poetics	5+ years m near about 4 years	03
Dr. Debaraj Panigrahi	M.A, M.Phil., Ph.D. LLB, PGDCA	Assistant Professor	Classical Literature	23+ years about 4 years	03

2: Guest Teacher/ Contract Teacher:

Name	Qualification	Institution	No. of years of teaching experience
Prof. Biswapati Ray	Ph. D.	Retired Professor, Tripura University	40 years

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4. Publication details:

4.1 Books Chapters:

Dept.	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Sanskrit	Dr. Sipra Ray	Manusamhita-grantheParyabara-bhavana, pp50-53,	Prof. K. B. Subbarayudu, Prof. L. K. Sahu, Dr. Govinda Pandeya, Dr. Pawan Kumar & Dr. Mantha Srinivas	Paryavara na – mimamsa	Moumitaprakashi, Agartala on behalf of Rastriya Sanskrit Sansthan (DU), Ekalavya Campus, Agartala, Tripura	2014	978-93-81631-06-5
	Dr. Shankar Nath Tiwari	वैदिकसाहित्यमें पर्यावरणविषयक चिन्तन Vaidikasahitya men Paryavarana vis hayakachintana , pp50-53	”	”	”	”	”
	Dr. Debaraj Panigrahi	Pancamahayajna: A prospective of environment preserving, pp50-53,	”	”	”	”	”

4.2 List of Publication in Peer-reviewed (International) Journals/Books/Proceedings:

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Sanskrit	Dr. Shankar Nath Tiwari	कवि एवं काव्यसर्जना Kavi Evam Kavya Sarjana	वाक्सुधा) VaakSudha (An International Journal	Vol. 3	August-October - 2014	pp 115-118
		कविशिक्षाविषयक लेखक एवं काव्यकल्पलतावृत्ति Kavi – shikshavishayakalekhak aevamkavyakalpalatavrit ti	”	Vol. 4	November, 2014 - January, 2015	pp 244-252

4.3 List of Publication in Peer-reviewed (National) Journals/Books/Proceedings:

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Sanskrit	Dr. Chandan Kumar	Influence of the Puranas on the	Baalark, North Eastern Journal for	Vol. 1	2015	pp179-82

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Chakraborty	<i>Rajaratnakaram – A Sanskrit Mahakavya of Tripura</i>	Arts & Social Science			
Dr. Sipra Ray	<i>RabindranatherKabitay o GaneUpanisaderPrabhav</i>	<i>Srijanvaicitre Rabindranath</i>	-	2015	pp119-126
	<i>SamskritasahityeAbhinavagupta o tar Avadan,</i>	Ambedkar College Research journal	Vol.-1, Issue-1	2015	pp59-62
Dr. Debaraj Panigrahi	<i>MeghaduteMeghastuti</i>	<i>Prachisudha</i>	Vol.VI I, No. 1,	2014	pp 63-67
	The <i>Vanavasis</i> of Odisha	TUI, A Journal on Tribal Life & Culture,	Vol. XVII No. 2	Oct.'2014 to March' 2015	Pp14-27

5. Ph. D scholars registered /Thesis submitted/ awarded during Year 2014-2015:

Name of the scholar	Research topic	Name of the Guide	Registered/Theses submitted/Awarded
Bulti Das	KumaradaskritajanakiharanamRajendramishra pranitaJanakijibanamcamahakavyayohtulanatmakamadhyayanam	Dr. Shankar NathaTiwari	Registered
Rajesh Saha	AdhunikasanskritavangmayeRamashispandeya - mahodayasyanatyaktitinamsamikshanatmakamadhyayanam		Registered

6: Seminars/ Conference/ Workshops/ Symposia Lecturer/ Talk/ Cultural programmes organized by the Sanskrit Department:

Sl. No.	Date	Purpose	Speaker
1	18/09/2014	Special Lecturer	Prof. Rajendra Mishra, Ex. Vice-Chancellor, Sampurnananda Sanskrit Viswavidyalaya, Varanasi
2	12/01/2015	153 rd Birth Anniversary of Swami Vivekananda on National Youth Day	Dr. Dilip Kumar Naha, Kolkata, Prof. Anjan Kr. Ghosh, V.C, TU, Prof. Anjan Mukherjee, Pro-V.C, TU.
3	01/02/2015	An Academic tour of dept. students at Chhabimura, Amarpur, South Tripura	

7. Conference/ Seminar/ Workshops/Winter schools attended by Teachers/ students/ research scholars of the Department and submitted paper:

Name of the teachers	Conference/ Seminar/ Workshops/ Winter schools attended	Duration/ Date	Organized by	Title of the paper presented

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Dr. Chandan Kumar Chakraborty	International Seminar	16-17/01/2014	Dept. of Bengali & ICSSR, New Delhi	Kalidasa's Sakuntala and contemporary society
	UGC sponsored National Seminar	08-09/08/2014	Department of Sanskrit, Govt. Women's College, Agartala	Relevance of Values enshrined in Sanskrit
	47 th session of AIOC	2- 4/01/2015	Department of Sanskrit, Gauhati University, Guwahati, Assam	Some Aspects of the Modern Sanskrit Plays of Birendra Kumar Bhattacharya
Dr. Sipra Ray	47 th session of AIOC	2- 4/01/2015	Department of Sanskrit, Gauhati University, Guwahati, Assam	Vaidika – samhitasu Krishividya
Dr. Shankar Nath Tiwari	National Seminar	26-28 / 03/2014	Rastriya Sanskrit Sansthan Ekalavya Campus, Agartala, Tripura	Paper presented which was published and mentioned under item 4.2
Dr. Debaraj Panigrahi	International seminar	16 –17/ 01/2015	Kabi Nazrul Mahavidyalaya, Sonamura, Sponsored by ICSSR & ICHR New Delhi and Govt. of Tripura	The <i>Manusmriti</i> an interpreter of patriarchy
	ICSSR New Delhi sponsored National Seminar	7-8 February, 2015	Govt. Degree College, Longtaraivelly, Dhalai, Tripura	Dr. Ambedkar and his gaze at on Sanskrit: An overall view
Name of the Students/ Scholars	Conference/ Seminar/ Workshops/ Winter schools attended	Duration/ Date	Organized by	Title of the paper presented
Rajesh Saha & Bulti Das (Jointly presented)	National Seminar	26-28 / 03/2014	Rastriya Sanskrit Sansthan, Ekalavya Campus, Agartala, Tripura	अभिज्ञानशकुन्तलामेंपर्यावरण कि अवधारणा) Abhigyanasakuntalam Men Paryavarana Ki Abhadharana (
	National Seminar	26-28 / 03/2014	Rastriya Sanskrit Sansthan, Ekalavya Campus, Agartala, Tripura	<i>Abhijnana Shakuntala</i> men paryavarana shikshya
Aparna Nath	National Seminar	26-28 / 03/2014	”	<i>Yajurveda</i> for development of social environment
Partha Samanta	National Vedic Conference	27-29 / 03/2014	Rastriya Sanskrit Sansthan & TRVPS, Sponsored by MSRVP, Ujjain, MP	Economic thought in <i>Rigveda</i>

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SusmitaDebn ath	National Seminar	26-28 / 03/2014	Rastriya Sanskrit Sansthan, Ekalavya Campus, Agartala, Tripura	<i>Meghaduta</i> evamparyavaran asushama
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7. Major thrust area of research: Veda, Philosophy, Literature, Indian Epics & Puranas.

8. No. of students qualified JRF/NET/SET in the year 2014-2015 from the Department:

NET June, 14	1	GEN	-	ST	1	SC	-	OBC	-	Min.	-
NET Dec, 14	1	GEN	1	ST	-	SC	-	OBC	1 (JRF)	Min.	-
SET	2	GEN	-	ST	1	SC	1	OBC	-	Min.	-

9. Awards/Medals received by the students during academic year 2014-2015:

Name of students	Name of awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Sohini Deb Nandi	Dr. Jayamanta Mishra Prize	2-4 th January' 2015	47 th AIOC, 2015 Department of Sanskrit, Gauhati University, Guwahati, Assam	For best paper presentation in Classical Sanskrit section
Bulti Das	3 rd prize on debate "Use of technology and innovation in promoting good Governance"	23/12/2104	Directorate of Distance Education, TU	
Departmental students	Secured 2 nd position in Youth Parliament Competition,	06/04/2015	Tripura University	
Departmental students	Secured jointly 1 st position in Drama secured in Udbhas, TU	08-09/08/2015	Tripura University	Udbhas is an observation of cultural week in TU

11. Awards/Medals received by the teachers:

Name of teacher	Name of awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Dr. Chandan Kumar Chakraborty	Mrs. Annapurna & Dr. R. K. Sarma prize	2-4 th January' 2015	47 th AIOC, 2015 Department of Sanskrit, Gauhati University, Guwahati, Assam	For best paper presentation in Modern Sanskrit section

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DEPARTMENT OF SOCIOLOGY

Major thrust of the Department of Sociology, Tripura University is to promote interdisciplinary teaching and research. The Department has a group of committed faculty from diverse background and experiences. While emphasizing topics and themes central to the discipline, the Department's teaching and research activities have been oriented towards contemporary questions that have both basic and applied dimensions. Efforts are being made to evolve the courses, keeping in mind the international, national and regional traditions.

Head of the Department : Dr. Sharmila Chhotaray
Programmes on offer : PG, Ph.D., IMD
Intake capacity : 20

Year of Establishment: 2011

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Rajeev Dubey	M.A., M.Phil. (UGC-JRF), Ph.D	Assistant Professor	Sociology of Religion, Sociology of Education, Gender and Society	4.4 years of teaching experience	3
Dr. Gadadhara Mohapatra	MA, M.Phil, Ph.D (JNU), UGC-NET, Post Doctorate (University of Freiburg, Germany)	Assistant Professor	Sociology of Economic Life/Development, Political Sociology, Sociology of Gender and Tribal Studies	2.3 years (2 years teaching & 1 year Post-Doctoral Research experience, 3.6 year Research Experience at IIPA, New Delhi)	0
Dr. Sharmila Chhotaray	MA, M.Phil, Ph.D (University of Hyderabad)	Assistant Professor	Sociology of Popular Culture, Performance & Communication, Cultural Studies, Gender Studies, Development Studies	4.1 years of teaching experience	3

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Mrs. Lilypar Hrangkhawl	M.A (Anthropology), M.A (Education), B.Ed., UGC-NET	Tripura University	2

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Mr.Surajit Debnath	M.A. (Sociology) UGC-SET	Women's College, Agartala & Tripura University	3.5
Ms. Arosmita Sahu	M.A. , M.Phil (Sociology) UGC-NET	Tripura University	1

3. Visiting Teacher/ Visiting Fellow :

Name	Institution
Prof. Braj M. Sinha,	Professor of Religious Studies, Department of Religion and Culture, University of Saskatchewan, Canada, Visiting Fellow in April 2015
Prof. Dinesh Kumar Sharma	Prof of Sociology, NCERT, New Delhi , visiting Lecture in September 2014

4. Publication Details:

4.1 Book Chapters:

Dept.	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
	Dr. Sharmila Chhotaray	Chapter 15 pp.195-204: <i>Challenges for the Total Sanitation Campaign in North-East India: Reviewing the Case of Tribal Villages in West Tripura'</i>	<i>Bindeshwar Pathak</i>	<i>Sociology of Sanitation</i>	<i>Kalpaz Publication ,New Delhi</i>	2015	ISBN-13: 978-9382823209
	Dr. Sharmila Chhotaray and Dr. Rajeev Dubey	<i>'Gender and Livelihood: An Impact Study of Tripura Forest Environment Improvement and Poverty Alleviation Project'</i> .pp-207-226.	Uttam Kumar Panda	Gender Issues and Challenges in Twenty First Century',	Satyam Law International New Delhi	2015	ISBN-978-93-82823-20-9
	Dr.	<i>"Hunger and</i>	Gernot	Changing	Winshield	2015	ISBN

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Gadadhara Mohapatra	<i>Coping Strategies Among Kondh Tribe in Kalahandi District, Odisha: A Sociological Analysis</i> ", pp. 3-22,	Saalman	India: Yesterday, Today and Tomorrow, Part 1: The Poverty of Capitalism	Press: New Delhi.		978-81-930-7030-7
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4.2 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Dept.	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
	Dr. Rajeev Dubey	North-East in India's Look-East Policy: Constraint & Opportunities	Research Process: International Journal of the Social Research Foundation	July-December Vol.2, No.2,	2014	120-128.
	Dr. Rajeev Dubey	New Hindu Religious Movements in Contemporary India: A Review of Literature	Sociological Bulletin ISSN: 0038-0229	64 (2), May-August	2015	152-170
	Dr. Gadadhara Mohapatra	Dynamics of Rural Poverty: Role of Women's Self Help Groups in Kalahandi District.	Indian Journal Of Public Administration, IIPA, New Delhi ISSN:0019-5561,	January-March (2015),		114-131

4.5 List of other Publications:

Dept.	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Sociology	Dr. Gadadhara Mohapatra	Abstract Paper titled ' <i>Dynamics of Tribal Development in Odisha: Policy Issues and Options</i> '	40 th All-India Sociological Conference on 'Development, Diversity and Democracy', Prakashan Mandir Pvt, Varanasi	November, 2014	2014	

5. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Ms. Sudehsna Chanda	<i>Women Viewers and Bengali Soap Operas: A Reception Study of Urban Tripura</i>	Dr. Sharmila Chhotaray	Registered on March 2015

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Ms. Rita Chakma	<i>Religious Life of Chakma: A Sociological Analysis of Transformative Streams</i>	Dr. Rajeev Dubey	Registered on March 2015
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6. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	27/09/2014	<i>“Methodology of Social Sciences”</i>	<ul style="list-style-type: none"> Prof. B. K. Nagla, Prof of Sociology (Retd) M.D. University, Rohtak (India), & Prof. on Babu Jagjivan Ram Chair Banaras Hindu University, Varanasi. Prof. Dinesh Kumar Sharma, Prof of Sociology, NCERT, New Delhi.
2	19/03/2015	<i>Theatre, Education and Society</i>	<ul style="list-style-type: none"> Shri. Subodh Pattanaik, Eminent Theatre Director and Educationist, Bhubaneswar.
3	06/04/2015	<i>Role of Religion After 9/11</i>	<ul style="list-style-type: none"> Prof. Braj M. Sinha, Prof. of Religious Studies, Department of Religion and Culture, University of Saskatchewan, Canada.
4	08/04/2015	<i>Educational & Research Cooperation Opportunities in Canada</i>	<ul style="list-style-type: none"> Prof. Braj M. Sinha, Prof. of Religious Studies, Department of Religion and Culture, University of Saskatchewan, Canada.
5	10/04/2015	<i>Indo-Canadian Diaspora and Multi Culturalism</i>	<ul style="list-style-type: none"> Prof. Braj M. Sinha, Prof. of Religious Studies, Department of Religion and Culture, University of Saskatchewan, Canada.

7. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Dr. Rajeev Dubey	Invited member for Panel Discussion on ‘ Women and Science’	25 th February, 2014	Women’s Studies Centre, Tripura University	Gender Dimensions of Science
Dr. Rajeev Dubey	National Seminar on Inclusive Governance and Human Rights: Dealing with the Dynamics	21-22 April 2014	Kalindi College, University of Delhi	Human Rights of Dalits and Panchayati Raj Institutions
Dr. Rajeev Dubey	XVIII ISA World Congress of Sociology	July 13-19, 2014	International Sociological Association from July 13-19, 2014 at	Rapid Social Change and New Religious Movements in Post-Independent India

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			PACIFICO, Yokohama, Japan	
Dr. Rajeev Dubey	Summer School on <i>Cityscapes and New Religiosities</i>	August 10-17,2014	University of Gottingen, Germany	New Religious Movements in Post-Independent India: A Sociological Study of Vishwa Nirmala Dharma
Dr. Rajeev Dubey	World Habitat Day-2014	On October 21 st , 2014	The Institution of Engineers (India), Tripura State Centre in association with Agartala Municipal Corporation & Urban Development Department, Govt. of Tripura.	Invited as an expert speaker to deliver a talk on the this year's World Habitat Day theme- ' Voices from Slums '
Dr. Rajeev Dubey	40th All India Sociological Conference	11th - 13th December 2011	Department of Sociology, Mahatma Gandhi Kashi Vidyapith, Varanasi, INDIA	Conceptual Framework of New Hindu Religious Movements in Post-Independent India
Dr. Rajeev Dubey	ICSSR, New Delhi sponsored a 10-Day Workshop on 'Research Methodology in Social Sciences' March 2015	21 st to 30 th March 2015	Department of Education & Department of History, Tripura University in collaboration with ICSSR, New Delhi	Delivered lectures as a Resource Person on: <ul style="list-style-type: none"> • Ethnography • Content Analysis
Dr. Sharmila Chhotaray	International conference on Performative Communication: Culture and Politics in South Asia,	January 19-20 2015	Dept. of Sociology, South Asian University and Culture and Media Governance, Jamia Milia Islamia, New Delhi,	Paper presented 'Performing Cinematic-Hybrid Culture: A Reading of Popular Odia Jatra in Eastern India'
Dr. Sharmila Chhotaray	The IAS Associates' Seminar,	June 14-19 2014	Indian Institute of Advanced Studies, Shimla,	Presented a paper titled 'Cultural Politics of Popular Performance: Structure and Representation of Odia Jatra: A Book Proposal'
Dr. Sharmila Chhotaray	A 3-Days Workshop on Gender Sensitization".	12 January 2015	KTD Singh Police Training Academy, Tripura, Narsingarh	Delivered Guest lecture on "Prevailing gender inequalities: Historical and cultural background and Constitutional

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				provision”
Dr. Sharmila Chhotaray	Education students of National School of Drama, Agartala on 21 st March 2015	21 st March 2015	National School of Drama, Agartala.	Special Lecture on ‘Socialization’ to the Diploma in Theatre
Dr. Sharmila Chhotaray	Ten Days workshop on Research Methodology in Social Sciences, sponsored ICSSR	21-30 March 2015	Department of Education and History, Tripura University	Delivered lecture on “Quantitative-Qualitative Research Design, Grounded Theory” as a Resource Person
Dr. Sharmila Chhotaray	Skill up-gradation and Entrepreneurship Development	15 July 2015	Centre For Forest-Based Livelihoods & Extension, Agartala.	Invited to deliver a lecture and interaction on ‘Gender Issues, Participatory Approach and Management’ for skill up-gradation and Entrepreneurship Development for the women participants
Dr. Gadadhar Mahapatra	Orientation Workshop for National Level Monitoring (NLM), New Delhi.	20 th - 21 st May 2015	Ministry of Rural Development, Government of India	Attended the two days Orientation Workshop for National Level Monitoring (NLM)
Dr. Gadadhar Mahapatra	National Seminar on Two Decades of Panchayati Raj in India: Experiences, Issues and Challenges.	January 15 & 16, 2015	Madhya Pradesh Institute of Social Science Research, Ujjain	Attended and presented a Paper on ‘Women’s Empowerment through Panchayati Raj Institutions: A Sociological Study of Odisha’
Dr. Gadadhar Mahapatra	Conference on Development, Diversity & Democracy,	November 30, 2014.	Department of Sociology, Mahatma Gandhi Kashi Vidyapith, Varanasi.	Attended and presented a paper on ‘Dynamics of Tribal Development in Odisha: Policy Issues and Options’ in RC: 7 Rural, Peasant and Tribal Communities
Synem Hrangkhawl	National Seminar on Tribal Life and Forest Resource Management	March 12 th & 13 th , 2015	Maharaja Bir Bikram College, Agartala, West Tripura	Presented paper on Tribal Life and forest with special reference to the Hrangkhawls of Tripura.
Lilypar	International	26 th August’	Universal Peace	Participated at

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Hrangkhawl	Conference on “Building Nations of Peace: Our Shared Responsibility”	2014	Federation of India and Holy Cross College, Agartala	International Conference on “Building Nations of Peace: Our Shared Responsibility”.
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8. Major thrust area of research: Sociology of Religion, Sociology of Education, Sociology of Economic Life/Development, Sociology of Popular Culture, Performance and Communication and Sociology of Gender.

9. New initiatives/Innovations: Periodical Interdisciplinary lectures organized for MA students.

10. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

NET June, 2014	2	GEN	0	ST	2	SC	0	OBC	0	Min	
NET December, 2014	1	GEN	0	ST	1	SC	0	OBC	0	Min	
SET	1	GEN	0	ST	1	SC	0	OBC	0	Min	

11. Details of Placement of a few Students

Total	4	GEN	0	ST	4	SC	0	OBC	0	Min	4
Name of the students	Name of the Organization/Dept.		Posts/ Designation		Average annual salary (in Rs.)						
Janata Jamatia	National Rural Health Mission		Counselor		12,000 per month						
Fancy Jamatia	Center for Forest & Livelihood Extension		Field Assistant		7,000 (Consolidated) per month						
Chanchal Debbarma	Center for Forest & Livelihood Extension		Field Assistant		7,000 (Consolidated) per month						
Sona Halam	Indo-German Cooperation Project		Block Coordinator		12,000 per month						

12. Awards/Medals received by the Teachers during the academic year 2014-15:

Name of Teachers	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Dr. Sharmila Chhotaray and Dr. Rajeev Dubey	Teacher Associate	2014-2017	Indian Institute of Advance Studies, Shimla	

13. On-going Research Projects in 2014-15

Faculty of : Sociology					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure

Dr. Sharmila Chhotaray & Dr. Rajeev Dubey	Government of Tripura, Dept. of Forest, Project Management Unit, TFIPAP (Tripura JICA Project)- 2013(Ongoing)	“Initial Social Impact Assessment of Tripura Forest Environment Improvement and Poverty Alleviation”, Project (tripura JICA)	Rs. 5,63,200		
Dr. Rajeev Dubey (PI)	UGC, New Delhi- Major Research Project (MRP) Submitted in October 2013, Awarded in September 2014	'Socialising Process in New Hindu Religious Movements: A Comparative Study of Brahma Kumaris and Ramakrishna'.	Rs. 11,36,000		3 Years
Dr. Arobindo Mahto (PI) and Rajeev Dubey (Co-PI)	NUEPA, New Delhi Awarded Project on May 27, 2014	Clench Towards RTE-2009 in Elementary Level Education of North-East India	Rs. 1,00,000		
Dr. Gadadhara Mohapatra	National Cooperative Development Corporation (NCDC), New Delhi.	‘Impact/Evaluation Study of Integrated Cooperative Development Projects (ICDP)’- Hanumangarh (Rajasthan)/ Jhabua (Madhya Pradesh)/ Salem (Tamil Nadu) Dr. Gadadhara Mohapatra, Project Co-Coordinator- ICDP, IIPA, New Delhi. ICDP Final Report submitted to National Cooperative Development Corporation (NCDC), New Delhi. The report is accepted by the funding agency.	Rs. 12,00,000		

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14. Any other achievements:

Dr. Rajeev Dubey attended **Summer School on Cityscapes and New Religiosities** from August 10-17, 2014, University of Gottingen, Germany

Teacher's Development Program:

Dr. Sharmila Chhotaray attended UGC –Academic Staff College sponsored 111th Orientation Program at Jamia Milia Islamia, New Delhi, India, Feb 2015.

Research Guidance:

Naresh Kumar: *Left Wing Extremism: Role of CRPF (Masters Diploma in Public Administration Dissertation)*, 40th APPPA Participant, submitted to IIPA, New Delhi (viva conducted on April 24, 2015 and dissertation awarded under my supervision).

As an Expert Officer, nominated by Director, Training Division, Central Statistics Office (CSO), New Delhi, examined the project report titled 'Determinants of Women's Empowerment and its impact on Standard of Living" submitted by Department of Applied Research, Gandhigram, Tamil Nadu', April 21, 2015.

APPPA Elective Course:

As the **Course In-charge of** Elective Course No. II.4, delivered lectures and invited resource persons in the course titled '**Tribal Development Administration in India: Approaches, Policies and Programmes**', for the senior officers of the All India and Central Services, Defense Services and State Governments under IIPA's flagship programme on 40th Advanced Professional Programme in Public Administration (APPPA), December, 2014-15

Training Programmes:

Dr Gadadhara Mohapatra, as one among the programme coordinators with Prof. K.K. Pandey and Dr. Nupur Tiwari conducted four '*Capacity Building Programmes for District Collectors/Deputy Commissioner on Sanitation Programme & Projects*' on February 23-24, March 12-13 & March 19-20, 2015. The Training programmes are conducted as part of activities under IIPA-Key Resource Centre (KRC) and it is sponsored by Ministry of Drinking Water and Sanitation (MDWS), Government of India.

Faculty of Science

1. Department of Botany
2. Department of Chemistry
3. Department of Computer Science & Engineering
4. Department of Electrical Engineering
5. Department of Forestry & Biodiversity
6. Department of Geography & Disaster Management
7. Department of Human Physiology
8. Department of Information Technology
9. Department of Mathematics
10. Department of Microbiology
11. Department of Molecular Biology & Bio-informatics
12. Department of Physics
13. Department of Pharmacy
14. Department of Statistics
15. Department of Zoology

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DEPARTMENT OF BOTANY

On the 12th of the June, 2007, the Department of Botany came into existence through the trifurcation of the Department of Life Sciences, established in 1976, with the objective of providing post graduate qualification to the students of the state of Tripura. With the humble beginning as a part of the then PG Centre of the University of Calcutta, the Department has moved ahead with time and now is running three Special Papers, viz., (i) Cytogenetics and Plant Biotechnology, (ii) Plant Physiology and (iii) Plant Systematics and Biodiversity. A number of major research projects funded by various National Scientific Agencies have being undertaken by Faculty Members.

Head of the Department : Prof. B.K. Datta

Year of Establishment: 2007

Programmes on offer : M.Sc., Ph.D.

Intake capacity : 26

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Prof. S. Sinha	Ph.D.	Professor	Cytogenetics & Plant Breeding	25	01
Prof. R.K. Sinha	Ph.D.	Professor	Cytogenetics & Plant Biotechnology	23	01
Prof. B.K. Datta	Ph.D.	Professor	Taxonomy & plant biodiversity	19	04
Dr. A.K. Saha	Ph.D.	Associate Professor	Mycology and plant pathology	05	03
Dr. S. Basu	Ph.D.	Asst. Professor	Cytogenetics & Cell Biology	05	01
Dr. P. Das	Ph.D.	Asst. Professor	Microbiology	05	03

2. Visiting Teacher/ Visiting Fellow :

Name	Institution
Prof. N. D. Paria	University of Kolkata, Kolkata
Prof. A. N. Lahiri Majumder	Bose Institute, Kolkata
Prof. B. N. Chakraborty	North Bengal University, Siliguri
Dr. A.K. Banerjee	IISER, Pune

3. Publication Details:

3.1 Book Chapters:

Dept.	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Botany	Ajay Krishna Saha	Wheat diseases: Epidemiology and Management	-	Crop diseases and their management strategies	Aavishkar	2015	978-81-7910-492-7

3.2 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Dept.	All Authors	Title	Name of the Journal/Magazine	Vol.	Year	Page No.
Botany	Amita G Ghadge, Kanika Karmakar, Ravi S Devani, Jayeeta Banerjee, Boominathan Mohana Sundaram, Rabindra K Sinha, Sangram Sinha and Anjan K Banerjee	Flower development, pollen fertility and sex expression analyses of three sexual phenotypes of <i>Coccinia grandis</i>	BMC Plant Biology	14	2014	325
	Majumdar K, Datta B K and Uma Shankar.	Trends in tree diversity and stand structure during restoration: a case study in fragmented moist deciduous forest ecosystems	Journal of Ecosystem	2014	2014	1-10
	Majumdar K, A J Nath, B K Data and A K Gupta.	Bamboo invasion: threat to primate conservation in North East India.	Current Science	108 (11)	2015	1969-1971.
	Majumdar K, Datta B K and Uma Shankar.	Lower altitudinal variation in habitat associations, tree diversity and co-dominant population structures along Sal (<i>Shorea robusta</i>) dominated moist deciduous forests in Northeast India.	Forest Science and Technology	9	2014	1-12.
	Majumdar K and Datta B K.	A quantitative checklist of woody angiosperm diversity,	Check List	10(5)	2014.	976-996

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		population structure and habitat grouping in Trishna Wildlife Sanctuary of Tripura, northeast India.				
	Deb S., Deb D, Sarkar A. and Majumdar K.	Community Structure, Biodiversity Value and Management Practices of Traditional Agroforestry Systems in Tripura, North East India.	Journal of Biodiversity Management & Forestry	3(3)	2014	1-6
	Majumdar K, Datta B K and Uma Shankar	Vegetation characterization, quantitative assessment of woody plant diversity and stand structure in Trishna Wildlife Sanctuary: an important wildlife habitat of Northeast India.	Journal of Environmental Biology	36(2)	2014	408-418
	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(3)	2015.	104-127.
	Sutradhar B, Deb D, Majumdar K and B K Datta.	Traditional dye yielding plants of Tripura, Northeast India,	Biodiversitas	16 (2)	2015	121-127.
	Lavania UC, Basu S, Kushwaha JS, Lavania S.	Seasonal temperature variations influence tapetum mitosis patterns associated with reproductive fitness.	Genome	57(9)	2014	517-21

3.3 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Botany	Aparajita Roy, Panna Das, Surajit	Chemical analysis of a wild edible mushroom: Pleurotus	Mushroom Research	23 (2)	2014	141-146

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	Bhattacharjee and Ajay Krishna Saha	djamor (Rumph. ex Fr.) Boedijn.				
	Atithi Debnath, Sudipta Sinha, Ajay Krishna Saha and Panna Das:	Arbuscular mycorrhiza fungal diversity in the open land adjacent to rubber plantation in Tripura, Northeast India.	Mycorrhiza News	26(3)	2014	6-9

4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mandakranta Roy	Seedling morphology of trees of Tripura and their taxonomic significance	Prof. B.K. Datta	Thesis submitted

5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1.	17-18 th , March 2015	National Seminar on “Contemporary Researches in Frontal Areas of Plant Sciences”	Prof. N.D. Paria, University of Kolkata, Kolkata Prof. A.K. Paul, University of Kolkata, Kolkata Prof. Uma Shankar, NEHU, Shillong Prof. N.C. Mandal, Visva Bharati Dr. A.K. Banerjee, IISER, Pune
2.	25-26 th May, 2015	National Seminar on “Biodiversity for Sustainable Development”	Prof. P. Tandon, NEHU, Shillong Prof. S.K. Barik, NEHU, Shillong Dr. Pradeep Vyas, PCCF, West Bengal

6. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
04	02	02

7. Major Instruments available in the Department:

- a) Microscope with photographic attachment
- b) Inverted Microscope
- c) Fluorescence microscope
- d) UV-VIS Spectrophotometer
- e) Nanodrop

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- f) Thermal Cycler
- g) Burkard Volumetric Air Sampler
- h) Deep freezer (-40 & -80)
- i) Anderson sampler
- j) Mili-Q Water Purifier
- k) Cold Centrifuge
- l) Ice Flake Machine
- m) Shaker-cum-incubator
- n) Vacuum evaporator

8. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Koushik Majumder	First Meet Himalayan Young Researcher	7 th -9 th September, 2014	G.B. Pant Institute of Himalayan Environment and Development, Almora, Uttarakhand	First Meet Himalayan Young Researcher
Moumita Saha	III Global Congress 'Plant Reproductive Biology, Conservation and Crop Improvement'	15 th -17 th Dec, 2014	The Society of Plant Reproductive Biologist, Agra & Academy of Life Sciences, Agra	Reproductive biology of <i>Solanum violaceum</i> Ortega (Solanaceae)
Somnath Kar	III Global Congress 'Plant Reproductive Biology, Conservation and Crop Improvement'	15 th -17 th Dec, 2014	The Society of Plant Reproductive Biologist, Agra & Academy of Life Sciences, Agra	Reproductive biology of <i>Crotalaria spectabilis</i> Roth.
Debasree Lodh	102 nd Indian Science Congress, Mumbai	3 rd -7 th Jan, 2015	Indian Science Congress, Mumbai	Facultative pseudovivipary and ant interaction in <i>Costus speciosus</i> (Koen. Ex. Retz.)
Dr. S. Basu	102 nd Indian Science Congress, Mumbai	3 rd -7 th Jan, 2015	Indian Science Congress, Mumbai	Mitigation of genetic variation in <i>Withania somnifera</i> through polyploid intervention
	National Seminar of State Biotech Hub	Jan, 2015	State Biotech Hub, Tripura University	The fascinating world of FISH

9. Major thrust area of research:

- a) Plant systematics and inventorization of floristic diversity of Tripura.
- b) Plant cytogenetics and study of genetic diversity.
- c) Study of plant-microbe interaction.
- d) Aerofungal and pollen allergen detection.
- e) Plant tissue culture of medicinal plants.

f) Bamboo conservation and propagation.

10. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

SET	04	GEN	-	ST	01	SC	01	OBC	02	Min	-
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11. Awards/Medals received by the students during the academic year 2014-15:

Name of Students	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
K. Majumdar	Best Poster in National Seminar on “Biodiversity for Sustainable Development”	26 th May, 2015	Department of Botany, Tripura University	-
D. Lodh	Prof. R.C. Srivastava Memorial Award	18 th March, 2015	Department of Botany, Tripura University	-

12. On-going Research Projects in 2014-15

Faculty of Botany Department					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Prof. S. Sinha	DBT-Twining (2014-2017), Govt. of India	Understanding dioecy by exploring Floral Organ Identity genes (OIGs) in <i>Cocciniagrandsis</i> -a new model for study.	73.20	-	3 Years
Prof. B.K. Datta	DBT(2012-2015), Govt. of India	Developing a digital database on bio-resources of North-East India- Through a network approach among North Eastern states	27 lakhs	-	4 Years
	DBT(2012-2015), Govt. of India	An Ethno-botanical Survey of Indigenous Angiosperm Flora of Tripura and Assessment of Antimicrobial Potentials of those Plants	19.75 lakhs	-	3 and half Years

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	DBT(2012-2017), Govt. of India	Preventing extinction and improving conservation status of threatened plants through application of biotechnological tools	23.65 lakhs	-	5 Years
Dr A.K. Saha	DBT (2014-2017), 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	-	3 Years
	DBT (2014-2017), 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 Years

DEPARTMENT OF CHEMISTRY

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. Since then the Department has been playing a pivotal role towards the academic excellence of the University. At the beginning the Department offered Master's Degree in Chemistry with only Analytical Chemistry Specialization. With the increasing number of faculty and improved infra-structure, 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 this 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 through major research projects to the faculty members. The major areas of research interest are in the fields of medicinal plants chemistry, organic synthetic chemistry, synthetic and structural inorganic chemistry, coordination chemistry, quantum chemistry, surfactants and colloids etc The faculty members are frequently publishing research papers in reputed International and National Journals.

Head of the Department : Prof. R.K.Nath

Year of Establishment: 1976

Programmes on offer : i) M. Sc. in Chemistry (four semester)
ii) Ph.D. Programme in Chemistry
iii) P.G. Diploma .in Rubber Technology

Intake capacity : i) Post Graduate course: -30
ii) Ph.D. - Variable
iii) P.G. Diploma .in Rubber Technology – 30

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Prof. M. K. Singh	M.Sc., Ph. D.	Professor	Inorganic Chemistry	25+ years	03
Prof. D. Sinha	M.Sc., Ph. D.	Professor	Physical Chemistry	25+ years	02
Prof. R. K. Nath	M.Sc., Ph. D.	Professor	Physical Chemistry	20+ years	06
Dr. R. N. Dutta Purkayastha	M.Sc., Ph. D.	Assoc. Prof.	Inorganic Chemistry	26+ years	04
Dr. S. Majumdar	M.Sc., Ph. D.	Assoc. Prof.	Organic Chemistry	10+ years	04
Dr. U. C. De	M.Sc., Ph. D.	Asst. Prof.	Organic Chemistry	10+ years	04
Dr. S. Chowdhury	M.Sc., Ph. D.	Asst. Prof.	Inorganic Chemistry	8+ years	03

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2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
1. Dr. S. Hore	M.Sc. Ph.D.	Department of Statistics , Tripura University	6 (Statistics)
2. Sri S. Debbarma	M.Tech	Department of Information & Technology, Tripura University	11 (Information & Technology)
3. Dr. S. Basak	M.Sc. Ph.D.	Department of Molecular Biology & Bioinformatics , Tripura University	6 (Physical Chemistry)

3. Visiting Teacher/ Visiting Fellow :

Name	Institution
1.Prof. P. J. Das	Department of Chemistry, Gauhati University
2.Prof. R. Ghosh	Department of Chemistry, Jadavpur University
3.Prof. M. Chakraborty (Emeritus Scientist)	Department of Chemistry, Bose Institute
4.Prof. N. Homendra	Department of Chemistry, Manipur University
5.Prof. A. Das (Emeritus Professor)	Department of Chemistry, Burdwan University
6.Prof. S.K.Saha	Department of Chemistry, University of North Bengal
7.Prof. D.K.Maiti	Department of Chemistry, Calcutta University

4. Publication Details:

4.1 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Chemistry	M K Singh, S Sutradhar, B paul, S Adhikari, R J Butcher, S Acharya ,A Das	Cd(II) complexation with 1,1-dithiolate and nitrogen donors: synthesis, luminescence, crystal structure and antifungal activity study	J Coord. Chem.,	68 (8)	2015	1423 - 1432
	A. Sharma,	Spectroscopic constants	Chem. Phys.	634	2015	88-

S. Chattopadhyay, K. Adhikari, D. Sinha	relating to ionization from the strongest bonding and inner valence molecular orbital $2\sigma_g$ of N_2 : An EIP-VUMRCC search	Letts.,			94
S. Majumdar, M. Chakraborty, N. Pramanik, D. 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	5101 2- 5101 8
A. Basak, M. Goswami, A. Rajkumar, T. Mitra, S. Majumdar, P. O'Reilly, H. M. Bdour, V. L. Trudeau, A. Basak	Enediynyl Peptides and Iso-coumarinyl Methyl Sulphones as Inhibitors of Proprotein Converting Enzymes PCSK8/SKI-1/S1P and PCSK4/PC4: Design, Synthesis and Biological Evaluations	Bioorg. Med. Chem. Letters.,	25	2015	2225 - 2237
T. Nath, S. Majumdar, A. M Kalle, V. Aparna, S. Debnath	Identification of potent histone deacetylase 8 inhibitors using pharmacophore based virtual screening, 3D QSAR and docking study	Res. Rep. Med. Chem.,	2015	2015	21- 39
S. Majumdar, J. De, A. Pal, I. Ghosh, R. K. Nath, S. Chowdhury, D. Roy and D. K. Maiti,	General solvent-free ionic liquid catalyzed C-N/C-C coupled cyclization to diverse dihydropyrimidinones and new organic materials: Langmuir-Blodgett film study	RSC Advances,	5	2015	2468 1- 2468 6
S. Majumdar, J. De, A. Chakraborty, D. Roy, D. K. Maiti	A protic ionic liquid catalyzed strategy for selective hydrolytic cleavage of <i>tert</i> -butyloxycarbonyl amine (N-Boc)	RSC Advances,	5	2015	3200 - 3205
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>	<i>Chemistry of Natural Compounds</i>	51	2015	444- 447
P. Rudrapaul, A. M.	New flavonoids from the	Phytochemist	11	2015	292-

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Kyriakopoulos, U. C. De, V. Zoumpourlis, B. Dinda.	fruits of <i>Cornus mas</i> , Cornaceae	y Letters			295
P. Paul, S. Roy, S. Sarkar, S. Chowdhury, R.N.DuttaPurkayasth a, R. Pallepogu, P. McArdle, L. Deb, S. Indira Devi	Synthesis, structure and some properties of a manganese(II)benzoate containing diimine	Journal of Molecular Structure (Elsevier)	xx	2015	00
M K Singh, R Lasker, S Sutradhar, S Bhattacharjee and A Das	Synthesis and characterizaqtion of mixed ligand complexes of Co(II) with some N & S donors	IOSR Journal of applied chemistry,	7 (4)	2014	24- 29
M K Singh, S Sutradhar, B paul, S Adhikari, R J Butcher, S Acharya and A Das	Synthesis , crystal structure and antifungal activity of newly synthesized polymeric mixed ligand complex of Zn(II) with 1,1- dithiolate and nitrogen donors	J Coord. Chem.,	67 (22)	2014	3613 - 3620.
P. Rudrapaul, B. Dinda, I. SilSarma, N. Das, U. C. De, S. Bhattacharjee	New flavonol methyl ether from the leaves of <i>Vitexpeduncularis</i> and its potential inhibitory activity against Leishmaniadonovani through activation of iNOS expression.	<i>European Journal of Medicinal Chemistry</i>	87	2014	328- 335
P. Nath, S. Debnath, R. K. Nath	Identification of novel HDAC 8 Inhibitors using pharmacophore based virtual screening, 3D QSAR and molecular docking approach.	Am. J. Pharmtech Res.,	4	2014	253- 267.
S.Dasgupta, K.Manna, A.Mitra, A. A. K.Pand R.K.Nath,	Physico-Chemical Studies on the Interaction of Bacterial Poly-saccharide- Surfactant Aggregates with Special reference to their Hydrodynamic Behaviour.	J. Oleo Science (Japan Oil Chemists' Society),	63	2014	1063- 1075
B. Ganguly, R. K. Nath	Spectroscopic studies on the interaction of Toludine	International Journal of	3	2014	569- 573.

		Blue dye with Sodium Alginate poly-electrolyte.	Science and Research (IJSR) ,			
	J. Nath, R. K. Nath, A. Chakraborty, S. A. Hussain	Monolayer Characteristics of Chitosen assembled in Langmuir films mixed with Arachidic acid.	Surface Review and Letters (World Scientific Publications)	21	2014	1450049 (8 pages).
	I. Ghosh,, A. Pal, J. Nath, B. K. Mishra, R. K. Nath	Behavior of methylene blue with arachidicacid in the restricted geometry of Langmuir-Blodgett film.	Surface Review and Letters (World Scientific Publications)	21	2014	1450030 (8 pages).
	S. Majumdar, J. De, A. Pal, I. Ghosh, R. K. Nath, D. Roy, D. K. Maiti	General solvent-free highly selective N-tert-butylloxycarbo-nylation strategy using protic ionic liquid as an efficient catalyst.	RSC Advances	4	2014	24544-24550
	C. A. Goubko, A. Basak, S. Majumdar, X. Cao	Dynamic Cell Patterning of photo-responsive hyaluronic acid hydrogels.	J. Biomed. Mater Res. A	102	2014	381-391.
	S. Majumdar, M. Chakraborty, D. K. Maiti, S. Chowdhury, J. Hossain	Activation of 1, 3-dioxolane by protic ionic liquid in aqueous media: A green strategy for the selective cleavage of acetals and ketals.	RSC Advances	4	2014	16497-16502
	A. Bhattacharya, J. P. Naskar, S. Majumder, R. Ganguly, P. Mitra, S. Chowdhury	New mixed ligand oxorhenium(V) complexes of 3-thiapentane-1,5-dithiolato with 2-thiocytosine and 5-amino-1,3,4-thiadiazole-2-thiol: Experiment and theory	Inorganica-Chimica-Acta	425	2015	124-133
	S. Majumder, J. P. Naskar, A. Bhattacharya, R. Ganguly, P. Saha, S. Chowdhury	A new phenylimidorhenium(V) compound containing the 2-[(2-hydroxyethylimino) methyl]phenolSchiff-base ligand: experimental and theoretical aspects	Journal of Coordination Chemistry	68	2015	599-615
	R. Banik, S. Roy, A.	Supramolecular	Inorganica-Chimica-Acta	435	2015	178-186

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	Bauza, A. Frontera, A. Rodríguez- Diéguez, J. M. Salas, A. M. Kirillov, S. Chowdhury, S. K. Das, S. Das	interactions through lone pair(lp)- π and hydrogen bonding in cobalt(III) and manganese(II) derivatives of N,N'- dimethylvioluric acid: A combined experimental and theoretical study				
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4.2 List of publications in peer reviewed Journals/ Books/ Proceedings published in India

(National):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Chemistry	D. Dey, R. N. Dutta Purkayastha, S. Sil	Syntheses, spectral characterization and antimicrobial properties of zinc carboxylates containing nitrogen donor as ancillary ligand	J. Ind. Chem. Soc.	91	2014	1221
	U. C. De, T. Debnath, D. Sen, S. Debnath.	1. Three-dimensional quantitative structure-activity relationships and docking studies of some structurally diverse flavonoids and design of new aldose reductase inhibitors.	J Adv Pharm Technol Res	6	2015	13-18

5. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Ankita Chakraborty	Studies on the development of some greener protocols for the synthesis of highly functionalized heterocyclic molecules	Dr. S. Majumdar	Registered
Pinki Saha	Syntheses, structure elucidation and DFT calculations of some copper(II) and rhenium(V) complexes	Dr. S. Chowdhury	Registered
Tapas Das	Synthesis, Characterization and Biological	Dr. U. C. De	Registered

	Studies of Some New Acridine and Coumarin Derivatives”		
Sanjib Chowdhury	Chemical Investigation and Biological Evaluation of Some Medicinal Plants of Tripura”	Dr. U. C. De	Registered
Jayanta Bhowmik	“Chemical and Biological Evaluation of Some Indigenous Medicinal Plants”	Dr. U. C. De	Registered
Bandana Das	Adsorption of Dye and Bio-molecules on to Polyelectrolyte/ Surfactant complex Fabricated by Layer by Layer sequential technique.	Prof. R.K.Nath	Registered
Kartik Lal Bhowmik	Synthesis and Physical Characterization of Conducting Polymer Based Thin Films.	Prof. R.K.Nath	Registered
Banti Ganguly	Studies on the photophysical properties of dyes in aqueous micellar media.	Prof. R.K.Nath	Ph.D Awarded -2014
Rajarshi Banik	Chemical constituents of Artocarpuschaplasha and other medicinal plants of India	Prof. B.Dinda (Retd.)	Ph.D. Awarded-2014
Smita Majumder	Synthesis, characterization and structure elucidation of Cu and Re complexes with some N, O and/or S donor ligands	Dr. S. Chowdhury	Ph.D. Awarded -2014
Niranjan Das	Chemical constituents of Sidaglutinosa and other medicinal plants of Tripura	Prof. B.Dinda (Retd.)	Ph.D. Awarded -2014
Partha Sarathi Ghosh	Chemical constituents of Premnalatifolia and other medicinal plants of Tripura	Prof. B.Dinda (Retd.)	Ph.D. Awarded -2014
Th. Charanjit Singh	Interaction of bacterial polysaccharides with oppositely charged dyes and surfactants: Physico-chemical studies.	Prof. R.K.Nath	Ph.D. Viva-Voce Completed-2015
Bijaya Paul	Synthesis of mixed ligand complexes of some transition metal ions with nitrogen and sulphur donors and other structural characterization by magnetic and spectroscopic methods.	Prof. M.K.Singh	Ph.D. Awarded-2015
Jayasree Nath	Spectroscopic characterizations of some bio-active molecules in the restricted geometry of ultra-thin films.	Prof. R.K.Nath	Ph.D. Thesis Submitted-2014
Indrajit Sil Sharma	Chemical constituents of PouzolizIndica and other medicinal plants of Tripura	Prof. B.Dinda	Ph.D. Viva-completed-2015

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		(Retd.)	
Kalipada Adhikari	Application of valance Universal multi reference coupled cluster theory with full connected triple excitations on valance ionization potentials calculation	Prof. D.Sinha	Ph.D. Thesis submitted-2014

6. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1.	19.09.2014	Title of lecture: My journey with Carbohydrates related to oligosaccharide synthesis.	Prof. Rina Ghosh Dept. of Chemistry, Jadavpur University
2.	15.10.2014	Novel nucleoside synthesis using chemoenzymatic methods.	Prof. A. K. Prasad, Dept. of Chemistry Delhi University
3.	20.10.2014	Green chemistry: An overview.	Prof. M. Chakraborty (Emeritus Scientist) Dept. of Chemistry Bose Institute
4.	22.04.2015	High valant metal in organic synthesis	Prof. D. K. Maiti Dept. of Chemistry University of Calcutta

7. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
11	4	7

8. Major Instruments available in the Department:

HPLC – 01
Flash Chromatograph – 01
UV – Vis – 02
FTIR – 01
Fluorimeter – 01
Polarimeter – 01
Gas Chromatograph – 01
Cyclic Voltammeter – 01
Magnetometer – 01

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9. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Prof. M.K. Singh	51 st Annual Convention of chemists 2014	December 9-12, 2014	Indian Chemical society, Kolkata	Mixed ligand complex of cadmium(II) with 1,1-dithiolate and nitrogen donors: synthesis, x-ray crystal structure, luminescence and antifungal activity study
	Workshop on “understanding the books & journal article publishing process”	One day	Elsevier with Central library, TU	
Prof. D. Sinha	Workshop on “understanding the books & journal article publishing process”	One day	Elsevier with Central library, TU	

Prof. R.K. Nath	NERSTCIS-2014, North Eastern Regional Seminar on Trends in Colloid and Interface Science	November 27-28, 2014	Department of Chemistry, North Eastern Hill University, Shillong	Invited talk: Organic Molecular Assemblies in Ultra Thin Film
Dr. R.N. Duttapur kayastha	National Seminar On Newer Trends in Chemistry & Environment	10-11 th Dec 2014	Don Bosco College, Tura, Meghalaya	An Overview : Metal Carboxylate Chemistry of Manganese and Zinc
	Current Perspectives on Research on Chemical Sciences	25-26 th March 2015	Department of Chemistry, Assam University, Silchar	Synthesis, Structure, and some Properties of N,O, Donor Complexes of Manganese and Zinc
Dr. S. Majumdar	REACH-2015: An International Symposium on Recent Advances in Chemistry	March 03-05, 2015	Department of Chemistry, North Eastern Hill University, Shillong	Protic ionic liquid mediated some selective transformations of organic functionalities
	Frontiers in Advanced Bio chemical Science	February 25-27, 2015	Department of Chemistry, Khowai in collaboration with IASc., INSA and NASI	Recent advances of various protection and de-protection techniques in amino acids and peptides chemistry

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Dr. U.C.De	National Conference on "Recent Advances in Cancer Biology and Therapeutics-2014 (RACBT-2014)	5 th December 2014	IIT Guwahati, Assam, India	Searching of EGFR inhibitors for overcoming EGFR resistant Oral Squamous Cell Carcinomas
Dr. S. Chowdhury	102 nd Indian Science Congress	3rd to 7th January 2015	University of Mumbai	Oxorhenium(V) mixed ligand complexes of 3-thiapentane-1,5-dithiolato with 2-thiocytosine and 5-amino-1,3,4-thiadiazole-2-thiol: A combined theoretical and experimental Study

Ankinta Chakraborty	REACH-2015: An International Symposium on Recent Advances in Chemistry	March 03-05, 2015	Department of Chemistry, North Eastern Hill University, Shillong	Basic ionic liquid catalysed selective amidation of alkyl acetoacetate
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Indra Ghosh	NERSTCIS-2014, North Eastern Regional Seminar on Trends in Colloid and Interface Science	November 27-28, 2014	Department of Chemistry, North Eastern Hill University, Shillong	Behaviour of two liquid crystals doped in the Langmuir Blodgett film of Arachidic acid.
Bandana Das	NERSTCIS-2014, North Eastern Regional Seminar on Trends in Colloid and Interface Science	November 27-28, 2014	Department of Chemistry, North Eastern Hill University, Shillong	Fabrication of Brilliant Blue with double tailed surfactants using Layer by Layer techniques.
Aditi Bhowmik	NERSTCIS-2014, North Eastern Regional Seminar on Trends in Colloid and Interface Science.	November 27-28, 2014	Department of Chemistry, North Eastern Hill University, Shillong	Spectroscopic behavior of Layer by Layer self-assembled film of anionic Trypen Blue dye and polycation on to solid substrate.
Nandita Das	RTFACS-2014, National Seminar on Recent Trends In Fundamental and Applied Chemical Sciences.	November 19-21, 2014	Department of Chemistry, Dibrugarh University,	Syntheses, Characterization and Reactivity Studies of Hetero-ligand Peroxotungsten(VI).

10. Major thrust area of research:

- i) Synthetic and structural inorganic chemistry ;
- ii) Co-ordination chemistry; metal complexes
- iii) Synthetic inorganic chemistry of Copper and Rhenium and theoretical calculations
- iv) Synthetic organic methodology, ionic liquids, Green chemistry, synthesis of bioactive molecules; natural product chemistry
- v) Quantum chemistry, surfactants and colloids.

11. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

NET December, 2014		GEN		ST		SC		OBC	01	Min	
SET		GEN		ST		SC	01	OBC		Min	

12. Awards/Medals received by the students during the academic year 2014-15:

Name of Students	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Smt. Bandana Das	Inspire Fellowship	2014	DST Govt. of India	Sanction letter not yet been received

13. On-going Research Projects in 2014-15

Faculty of Department of Chemistry					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Dr. S. Majumdar	CSIR, New Delhi, PI	Synthesis and characterisation of some novel chiral compounds containing anthracene or other aromatic fluorophore	23.40 lacs	sanctioned	3 yrs
	DBT, Twinning, Govt of India (as Co-PI)	“Overcoming EGFR resistant Oral Squamous Cell Carcinomas with traditional healers of Tripura – A Preclinical Study”	47.10 lacs	36.61 lacs	3 yrs (Started on. Feb., 2014)
Dr. U. C. De	DBT, Twinning, Govt. of India PI	“Overcoming EGFR resistant Oral Squamous Cell Carcinomas with traditional healers of Tripura – A Preclinical Study”			3 yrs (Started on. Feb., 2014)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science & Engineering started its journey on 19th August, 2005 with due approval from AICTE. The Department continues to bloom under the 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 course structure has been framed to meet the requirements of industries and R&D organizations. Eminent faculty members from reputed institutes are invited to take class and enrich the knowledge of the students. The Department has also organized workshops on the emerging areas of research.

Head of the Department : Shri Abhishek Majumder Year of Establishment: 2007

Programmes on offer : M.Tech, Ph.D Course work

Intake Capacity : 18

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No of Existing Ph.D Scholars under his/her Supervision
Sri Abhishek Majumder	B.E. (CSE), M.Tech(IT)	Assistant Professor	CSE	5	
Dr. Mrinal Kanti Bhowmik	B.E. (CSE), M.Tech (CSE), Ph.D (Engg.)	Assistant Professor	CSE	5+	3

2. Guest Teachers

Name	Qualification	Institution	No. of Years of Teaching Experience
Prof. Barin Kumar De	Ph. D.	Department of Physics, Tripura University (A Central University)	40 yrs.
Sri. Sakti Debberma Sr. System Analyst	M.Tech	Computer Centre, Tripura University (A Central University)	25 yrs.

3. Visiting Teacher/ Visiting Fellow:

Name	Institution
Dr. Debotosh Bhattacharjee Associate Professor	Computer Science & Engineering Department Jadavpur University, 188, Raja S. C. Mallik Road Kolkata-700 002
Prof. Paramartha Dutta	Department of Computer and system Sciences, Visva Bharati University, Santiniketan-731235 West Bengal, India.

4. Publication Details:

4.1 Book Chapters:

Department	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Computer Science & Engineering (CSE)	A. Roy, U. R. Gogoi, M. K. Bhowmik	An Analytical Study on Research Trends on Breast Cancer in North-East India	Ajit Kumar Roy	Applied Big Data Analytics	Create Space Independent Publishing Platform	2015	978-1512347180
Computer Science & Engineering (CSE)	S. Dey Roy, D. Debnath, P. Saha, M. K. Bhowmik	Human Behavior Analysis through Facial Expression for Pain Estimation	Ajit Kumar Roy	Applied Big Data Analytics	CreateSpace Independent Publishing Platform	2015	978-1512347180
Computer Science & Engineering (CSE)	S. Chakraborty, M. K. Bhowmik	An Analytical Study of Mammograms Based Breast Cancer Detection Techniques	Ajit Kumar Roy	Applied Big Data Analytics	CreateSpace Independent Publishing Platform	2015	978-1512347180
Computer Science & Engineering (CSE)	A. Singha, P. Dhar, M. K. Bhowmik	A Study on Independent Component Analysis (ICA) and Its Application in Diverse Field of Science & Technology	Ajit Kumar Roy	Applied Big Data Analytics	CreateSpace Independent Publishing Platform	2015	978-1512347180
Computer Science & Engineering (CSE)	U. R. Gogoi, M. K. Bhowmik, D. Bhattacharjee, A. K. Ghosh, G. Majumdar	A Study and Analysis of Hybrid Intelligent Techniques based Breast Cancer Detection using Breast Thermograms	Dr. S. Bhattacharyya, Prof. (Dr.) P. Dutta, and Prof. (Dr.) S. Chakraborty	Hybrid Soft Computing Approaches: Research and Applications	Springer	2014	978-81-322-2543-0
Computer Science & Engineering	Abhishek Majumder, Suyel	Taxonomy and Classification of Access Control	Zaigham Mahmood	Continuous Rise of The Cloud	Springer London.	2014	978-1-4471-6452-4

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(CSE)	Namsudra, Samir Nath	Models for Cloud Environments					
Computer Science & Engineering (CSE)	Arindam Majumder, Abhishek Majumder	Application of Standard Deviation Method Integrated PSO Approach in Optimization of Manufacturing Process Parameters	P. Vasant	Handbook of Research on Artificial Intelligence Techniques and Algorithms	IGI Global, USA	2014	97814 66672 581

4.2 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Computer Science & Engineering (CSE)	P. Saha, M. K. Bhowmik, D. Bhattacharjee, B. K. De, M. Nasipuri	Expression Recognition of North-East Indian (NEI) Faces	Multimedia Tools and Applications. Published by Springer US, Indexed by Science Citation Index (SCI), 2015, ISSN: 1380-7501 (Print) 1573- 7721 (Online), Impact Factor- 1.058	74	2015	In Press
Computer Science & Engineering (CSE)	T. Pal, M. K. Bhowmik, A. K. Ghosh	Defogging of visual images using SAMEER-TU database	International Conference on Information and Communication Technologies (ICICT), 2014. Organized by School of Engineering, Cochin University of Science and Technology (CUSAT) on 3- 5 th Dec' 14. Published by Elsevier Procedia Computer Science.	46	2015	1676– 1683
Computer Science & Engineering (CSE)	U. R. Gogoi, M. K. Bhowmik, P. Saha, D. Bhattacharjee, B. K. De	Facial Mole Detection: An Approach towards Face Identification	International Conference on Information and Communication Technologies (ICICT), 2014. Organized by School of Engineering, Cochin University of Science and	46	2015	1546- 1553

			Technology (CUSAT) on 3-5 th Dec'14. Published by Elsevier Procedia Computer Science.			
Computer Science & Engineering (CSE)	P. Saha, D. Bhattacharjee, B. K. De, M. Nasipuri	An Approach to Detect the Region of Interest of Expressive Face Images	International Conference on Information and Communication Technologies (ICICT), 2014. Organized by School of Engineering, Cochin University of Science and Technology (CUSAT) on 3-5 th Dec'14. Published by Elsevier Procedia Computer Science.	46	2015	1739 – 1746
Computer Science & Engineering (CSE)	D. Saha, M. K. Bhowmik, B. K. De, D. Bhattacharjee	A Survey on Imaging Based Breast Cancer Detection	Proceedings of Fourth International Conference on Soft Computing for Problem Solving ('SOCPROS' 2014). Published by Springer India, ISBN: 978-81-322-2216-3 (Print), ISSN: 2194-5357.	1	2015	255-266
Computer Science & Engineering (CSE)	P. R. Pal, M. K. Bhowmik, D. Bhattacharjee	Automated Cervical Cancer Using PAP SMEAR Images	Proceedings of Fourth International Conference on Soft Computing for Problem Solving ('SOCPROS' 2014). Published by Springer India, ISBN: 978-81-322-2216-3 (Print), ISSN: 2194-5357.	1	2015	267-278
Computer Science & Engineering (CSE)	K. Das, M. K. Bhowmik, B. K. De	Background Subtraction Algorithm For Moving Object Detection Using SAMEER-TU Dataset	Proceedings of Fourth International Conference on Soft Computing for Problem Solving ('SOCPROS' 2014). Published by Springer India, ISBN: 978-81-322-2216-3 (Print), ISSN: 2194-5357.	1	2015	279-291
Computer Science &	T. Pal, M. K.	Contrast Restoration Of	Proceedings of Fourth International Conference on	1	2015	325-338

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Engineering (CSE)	Bhowmik, A. K. Ghosh	Fog Degraded Image Sequences	Soft Computing for Problem Solving ('SOCPROS' 2014). Published by Springer India, ISBN: 978-81-322-2216-3 (Print), ISSN: 2194-5357.			
Computer Science & Engineering (CSE)	Abhishek Majumder, Sudipta Roy	A tree based mobility management scheme for wireless mesh network	2nd IEEE International Conference on Emerging Technology Trends in Electronics, Communication and Networking		2014	1-8

4.3 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Computer Science & Engineering (CSE)	M. K. Bhowmik, A. Das	Advances in Computerized Breast Cancer Detection	NE Scholar Magazine, Published by NE Brothers Entertainments Pvt. Ltd.	1	2015	22-25
Computer Science & Engineering (CSE)	P. Saha, S. Dey Roy, D. Debnath, M. K. Bhowmik	Recent Trends on Automatic Pain Understanding through Facial Expressions	NE Scholar Magazine, Published by NE Brothers Entertainments Pvt. Ltd.	1	2015	55-62

4.4 List of Other Publications:

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Computer Science & Engineering (CSE)	A. Roy, M. K. Bhowmik	Creating Mass for Breast Cancer Awareness through E-campaign in North-east states	1st National Seminar on E-resource and E-learning: Challenges and Opportunities	NA	2014	Abstract Published
Computer Science & Engineering (CSE)	D. Debnath, S. Dey Roy, P. Saha, M. K. Bhowmik	A framework towards designing an Online Behavior Analyzer	1st National Seminar on E-resource and E-learning: Challenges and Opportunities	NA	2014	Abstract Published
Computer Science & Engineering	R. Saha, M. K. Bhowmik	Automated Boundary detection of Medical Images	1st National Seminar on E-resource and E-learning: Challenges and	NA	2014	Abstract Published

(CSE)			Opportunities			
Computer Science & Engineering (CSE)	S. Bardhan, M. K. Bhowmik	E-Pain Management using Thermography	1st National Seminar on E-resource and E-learning: Challenges and Opportunities	NA	2014	Abstract Published
Computer Science & Engineering (CSE)	U. R. Gogoi, M. K. Bhowmik	Imaging Based Breast Cancer Detection and Diagnosis using PACS	1st National Seminar on E-resource and E-learning: Challenges and Opportunities	NA	2014	Abstract Published
Computer Science & Engineering (CSE)	S. Chakraborty, M. K. Bhowmik	E-Mammogram for Breast Cancer Detection	1st National Seminar on E-resource and E-learning: Challenges and Opportunities	NA	2014	Abstract Published
Computer Science & Engineering (CSE)	A. Singha, P. Dhar, M. K. Bhowmik	Online Face Recognition using ICA	1st National Seminar on E-resource and E-learning: Challenges and Opportunities	NA	2014	Abstract Published

5. Ph.D Scholars registered/Thesis Submitted/ award during the academic year 2014-2015

Name of Scholars	Research Topic	Name of Guide (s)	Registered/ Thesis Submitted/ Awarded
Smt. Priya Saha	Studies on Facial Expression Recognition Techniques based on Visual and Infrared Thermal Face Images	Supervisor : Prof. Barin Kumar De Department of Physics Tripura University (A Central University) Co-supervisor: Prof. Mita Nasipuri Computer Science & Engineering Department Jadavpur University	Registered
Sri. Kankan Saha	Studies On Some Soft Facial Features For Forensic Applications	Supervisor : Prof. Barin Kumar De Department of Physics Tripura University (A Central University) Co-supervisor: Dr. Debotosh Bhattacharjee Computer Science & Engineering Department Jadavpur University	Registered
Smt. Usha Rani Gogoi	A Study on Breast Abnormality Detection Using Infrared Thermograms	Supervisor : Dr. Mrinal Kanti Bhowmik Computer Science &	Successfully Completed Course

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		Engineering Department Tripura University (A Central University) Co-supervisor: Prof. Anjan Kumar Ghosh, Honorable Vice-Chancellor, Tripura University (A Central University)	Work on April, 2015.
Sri. Rajib Debnath	Surface Plasmon Resonance	Prof. Anjan Kumar Ghosh, Honorable Vice-Chancellor, Tripura University (A Central University)	Successfully Completed Course Work on April, 2015.
Smt. Shawli Bardhan	Design and Analysis of IR Images Generated from Inflammatory Pain Disease	Dr. Mrinal Kanti Bhowmik Computer Science & Engineering Department Tripura University (A Central University)	Successfully Completed Course Work on April, 2015.
Smt. Kakali Das	Texture Analysis of Thermal Medical Imaging	Supervisor : Prof. Barin Kumar De Department of Physics Tripura University (A Central University) Co-supervisor: Dr. Mrinal Kanti Bhowmik Computer Science & Engineering Department Tripura University (A Central University)	Successfully Completed Course Work on April, 2015.
Smt. Tannistha Pal	Enhancing the Visibility of Foggy Images for Computer Vision Application (Tentative)	Dr. Mrinal Kanti Bhowmik Computer Science & Engineering Department Tripura University (A Central University)	Successfully Completed Course Work on April, 2015.

6. Seminar/ Conference/ Workshop/ Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No	Date	Title	Speakers
1	5 th July, 2014	Activities of Society for Applied Microwave Electronics Engineering & Research in Emerging Fields of Computer & Electronics Science & Engineering, Organized by Department of Computer Science & Engineering, Tripura University (A Central University) and Co-sponsored by SAMEER, IIT Bombay Campus, Powai, Mumbai, 5th July, 2014.	Prof. A. L. Das, Director, SAMEER, IIT Bombay Campus, Powai, Mumbai & Prof. Dipak Ranjan Podder, Emeritus Professor, Jadavpur University, Kolkata

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2	6 th - 8 th February, 2015	Fundamentals of Image Analysis & Pattern Recognition, Organized by Department of Computer Science & Engineering, Tripura University (A Central University), 6th to 8th February, 2015.	Prof. Subhashish Chaudhuri, Deputy Director (AIA), Indian Institute of Technology (IIT), Bombay. & Dr. Debotosh Bhattacharjee, Associate Professor, Department of Computer Science & Engineering, Jadavpur University
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7. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab
04	01	03
		Name of the laboratories: 1. Biometrics Lab., Funded by : DeitY, MCIT, and Govt. of India 2. Bio-Medical Infrared Image Processing Laboratory, Funded by : Department of Biotechnology (DBT), Govt. of India 3. M.Tech Project Laboratory.

8. 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)
- b). Bio-Medical Infrared Image Processing Laboratory
 - T650sc Infrared Thermal Camera

9. Conference/Seminar/Workshop/Winter Schools attended by Teacher/ Students/ Research Scholars of Dept. organized by Institutions/ Agency other than Tripura University

Name	Conference/ Seminar/ Workshop attended	Duration/ Date	Organized by	Title of the paper presented
Smt. Debalina Saha, M.Tech Student (2012-2014)	4th International Conference on Soft computing for Problem Solving ('SOCPROS' 2014), published by Springer, India.	27 th - 29 th , December, 2014	National Institute of Technology (NIT) Silchar	A Survey on Imaging Based Breast Cancer Detection
Smt. Payel Rudra Pal M.Tech Student (2012-2014)	4th International Conference on Soft computing for Problem Solving ('SOCPROS' 2014), published by Springer, India.	27 th - 29 th , December, 2014	National Institute of Technology (NIT) Silchar	Automated Cervical Cancer Using PAP SMEAR Images
Smt. Kakali Das,	4th International	27 th - 29 th ,	National Institute	Background

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Ph.D Research Scholar	Conference on Soft computing for Problem Solving ('SOCPROS' 2014), published by Springer, India.	December, 2014	of Technology (NIT) Silchar	Subtraction Algorithm For Moving Object Detection Using SAMEER-TU Dataset
Smt. Tannistha Pal Ph.D Research Scholar (Part time)	4th International Conference on Soft computing for Problem Solving ('SOCPROS' 2014), published by Springer, India.	27 th – 29 th , December, 2014	National Institute of Technology (NIT) Silchar	Contrast Restoration Of Fog Degraded Image Sequences
Dr. Mrinal Kanti Bhowmik, Assistant Professor	International Conference on Information and Communication Technologies (ICICT 2014)	3 rd - 5 th , December 2014	Cochin University of Science and Technology (CUSAT)	Facial Mole Detection: An Approach towards Face Identification
Smt. Priya Saha, DST Inspire Fellow and Ph.D Research Scholar	International Conference on Information and Communication Technologies (ICICT 2014)	3 rd - 5 th , December 2014	Cochin University of Science and Technology (CUSAT)	An Approach to Detect the Region of Interest of Expressive Face Images
Smt. Tannistha Pal Ph.D Research Scholar (Part time)	International Conference on Information and Communication Technologies (ICICT 2014)	3 rd - 5 th , December 2014	Cochin University of Science and Technology (CUSAT)	Defogging of visual images using SAMEER-TU database
Sri. Abhishek Majumder	2 nd IEEE International Conference on Emerging Technology Trends in Electronics, Communication and Networking	26 th -27 th , December, 2014	NIT Surat	A tree based mobility management scheme for wireless mesh network
Smt. Anindita Roy M.Tech Student (2013-2015)	E-resource and E-learning: Challenges and Opportunities for students	26 th - 27 th July, 2014 (Two Days)	Department of Information Technology, Bir Bikram Memorial College, Agartala	Creating Mass for Breast Cancer Awareness through E-campaign in North-east states
Smt. Debanjana Debnath & Sri. Sourav Dey Roy	E-resource and E-learning: Challenges and Opportunities for students	26 th - 27 th July, 2014 (Two Days)	Department of Information Technology, Bir Bikram Memorial College, Agartala	A framework towards designing an Online Behavior Analyzer
Sri. Ritam saha M.Tech Student	E-resource and E-learning: Challenges and	26 th - 27 th July, 2014	Department of Information	Automated Boundary detection

(2013-2015)	Opportunities for students	(Two Days)	Technology, Bir Bikram Memorial College, Agartala	of Medical Images
Smt. Shawli Bardhan Ph.D Research Scholar	E-resource and E-learning: Challenges and Opportunities for students	26 th - 27 th July, 2014 (Two Days)	Department of Information Technology, Bir Bikram Memorial College, Agartala	E-Pain Management using Thermography
Smt. Usha Rani Gogoi Ph.D Research Scholar	E-resource and E-learning: Challenges and Opportunities for students	26 th - 27 th July, 2014 (Two Days)	Department of Information Technology, Bir Bikram Memorial College, Agartala	Imaging Based Breast Cancer Detection and Diagnosis using PACS
Smt. Sarmistha Chakraborty M.Tech Student (2013-2015)	E-resource and E-learning: Challenges and Opportunities for students	26 th - 27 th July, 2014 (Two Days)	Department of Information Technology, Bir Bikram Memorial College, Agartala	E-Mammogram for Breast Cancer Detection
Sri. Anu Singha & Sri. Prasenjit Dhar M.Tech Student (2013-2015)	E-resource and E-learning: Challenges and Opportunities for students	26 th - 27 th July, 2014 (Two Days)	Department of Information Technology, Bir Bikram Memorial College, Agartala	Online Face Recognition using ICA

10. Major thrust area of Research:

- i. Biometrics
- ii. Information Security
- iii. Computer vision
- iv. Medical Imaging
- v. Infrared (IR) Imaging
- vi. Wireless Network

11. New Initiatives/ Innovations: Establishment of an advanced Teaching laboratory.

12. On-Going Research Projects in 2014-15:

Principal Investigator	Funding Agency	Title of the Project	Total Grant (Rs. In lakhs)	Grant Received during this Year	Tenure
Dr. Mrinal Kanti Bhowmik	Department of Biotechnology (DBT), Govt. of India	Design & Development of Techniques for Pain Management & Breast Cancer Detection Using Infrared Imaging	Rs. 64.28 Lakhs	Rs. 8.92 Lakhs	3 years

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DEPARTMENT OF ELECTRICAL ENGINEERING

Housed presently in its own Technology Building in the University which was inaugurated by Smt. Pratibha Devisingh Patil, Former President of India & Visitor of Tripura University on 25th September, 2010, the Department was established on 19th August 2005, with a faculty strength of two teachers, as a part of Prime Minister's Common Minimum Program for North East with due approval from AICTE. Besides its own faculty members, eminent teachers of some of the leading Universities and Institutions of the country come to Tripura University on a regular basis, to teach courses in the Engineering Department. The Department had organized a good number of seminars and completed a project funded by AICTE. The Department has the reputation of producing a large number of students several of whom have been suitable placed in Government & Public sectors.

Head of the Department : Ms. Champa Nandi

Year of Establishment: 2005

Programmes on offer : M.Tech. in Electrical Engineering

Intake capacity : 24

1. Fulltime Faculty Members : 02

Name	Qualification	Designation	Specialization	No. of years of teaching experience
Sangita Das Biswas	M.Tech.	Asstt. Professor	Electrical Engg.	11.6 years
Champa Nandi	M.Tech.	Asstt. Professor	Electrical Engg.	5 years

2. Guest Teachers/Contract Teachers:01

Name	Qualification	Institution	No. of years of teaching experience
Gagari Deb	M.Tech. (Electrical)	Tripura University	6.5 years

3. Visiting Teacher/ Visiting Fellow :

Name	Institution
Dr. Sumita Deb, Department of EE	NIT, Agartala

4. Publication Details:

4.1 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Dept.	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Electrical Engg.	Sangita Das Biswas, Rimi Chakraborty & Surajit Debnath, Department of Electrical Engineering, Tripura University, (A Central University), Tripura, India	Generation of Constant Wind Speed and Power using Fuzzy Logic Controller	International Journal of Engineering Research & Technology (IJERT).	Vol. 3, Issue 3	2014	235-237

4.2 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Dept.	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
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Electrical Engg.	Champa Nandi & Dr. A.K. Chakraborty	Voltage Collapse Mitigation by using SVC and Phase-Plane Trajectory Analysis	11 th IEEE India Conference INDICON 2014, Proceedings of IEEE INDICON 2014	11	11-13 Dec. 2014	1-6
Electrical Engg.	Champa Nandi & Dr. A.K. Chakraborty	Nonlinear Power system analysis with and without STATCOM	Applied Engineering Research Accepted	10	2015	
Electrical Engg.	Gagari Deb	Improvement of Power System Stability by using Power System Stabilizer	Proceedings of IEEE CALCON 2014	-	2014	129-132
Electrical Engg.	Gagari Deb, Abhishek Das, Moumita Deb, Rikta Majumder	Voltage Sag Mitigation by Dynamic Voltage Restorer	Proceedings of IEEE CALCON 2014	-	2014	133-136

4.3 List of other Publications:

Dept.	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Electrical Engg.	Champa Nandi & Dr. A.K. Chakraborty	Voltage Collapse Mitigation by using SVC and Phase-Plane Trajectory Analysis	11 th IEEE India Conference INDICON 2014, Proceedings of IEEE INDICON 2014	11	11-13 Dec. 2014	1-6
Electrical Engg.	Gagari Deb	Improvement of Power System Stability by using Power System Stabilizer	Proceedings of IEEE CALCON 2014	-	2014	129-132
Electrical Engg.	Gagari Deb, Abhishek Das, Moumita Deb, Rikta Majumder	Voltage Sag Mitigation by Dynamic Voltage Restorer	Proceedings of IEEE CALCON 2014	-	2014	133-136

5. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mrs. Aditi Datta	Designing of Optical; communication with chaos shift keying	Prof. A.K.Gosh	Registered

6. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	27/04/2015	Workshop on "Smart Grid"	1. Prof. A.K. Sinha ,IIT, Kharagpur 2. Dr. A.K.Chakraborty. NIT Agartala

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2	02/06/2015	Talk on “ Smart Learning Platform”	1. Dr. Praveen Kumar, IIT Guwahati
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7. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
4	4	

8. 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 attended	Duration/ Date	Organized by	Title of the paper presented/ attended
Champa Nandi, Assistant Professor	113 th Orientation Programme	28 th January to 24 th February	Mumbai University, UGC Academic Staff College	Orientation Programme Attended

9. Details of Placement of a few Students:

Total	08	GEN	04	ST	01	SC	02	OBC	01	Min	
Name of the students		Name of the Organization/Dept.			Posts/Designation			Average annual salary (in Rs.)			
	Sharmila Chowdhury	TSECL			Management Trainee						
	Ashish Banik	TSECL			Management Trainee						
	Nandalal Jamatia	TSECL			Management Trainee						
	Prasenjit Sharma	TSECL			Management Trainee						
	Subasish Roy	TSECL			Management Trainee						
	Sukanta Banik	TSECL			Management Trainee						
	Priyanka Ray	NEEPCO			Trainee Engineer						
	Brajagopal Das	Goumati Dist. Polytechnic college			Guest Lecturer						

10. Awards/Medals received by the students during the academic year 2014-15:

Name of Students	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Satadeepa Bhowmik	Champion (Chess & Chinese Checkers)	Annual Sport	Tripura University	

DEPARTMENT OF FORESTRY & BIODIVERSITY

The Department of Forestry and Biodiversity came into existence in 2011 under the Faculty of Science. The aim of the department is holistic development of forestry and biodiversity through its teaching, research, consulting, extension activities and publication. With these in view, the students pursuing post graduate programme in forestry and biodiversity is meant to cater to the market requirement in this sector as well as to promote excellence in academics/research in forestry. It is also proposed to assist, institute and carry out research in different aspects of forestry and biodiversity matters concerning the use of management and allied techniques and methods conducive to the development of forestry in the country. The Department shall also strive to deal with solution based forestry research in tune with the emerging issues in the sector, including global concerns such as climate change, conservation of biological diversity, wetlands, sustainable management and development of resources. The department also assists in the transfer of technology to the users viz, farmers/orchardists, state forest departments and different voluntary organizations.

Head of the Department: Dr Sourabh Deb
 Programmes on offer : M.Sc. and Ph.D.
 Intake capacity : 20 (Twenty)

Year of Establishment: 2011

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr Sourabh Deb	M.Sc., Ph.D. (Environmental Science)	Assistant Professor	Agroforestry & Forest ecology	4 years	03
Dr Thiru Selvan	M.Sc. Ph.D. (Forestry)	Assistant Professor	Tree Improvement and Genetic Resources	4 years	03
Dr Bimal Debnath	M.Sc., Ph.D. (Botany)	Assistant Professor	Plant Biodiversity & Plant Genetics	12 years	02

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Dr Jayanta Das	MSc., Ph.D.(Wildlife biology)	Guwahati University, Guwahati	02 yrs

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3. Publication Details:

3.1 Books:

Department	All Authors in sequence	Title	Publishers	Year	ISBN No.
	Guleria, V; Dutt, V; Vashisht, A; Selvan, T; Sharma, R Kaler and Naresh	Aushadhia Va Sugandhit Podho Ke Adhunik Vyavsaik Vayanik Kheti	Anuradha Publisher, New Delhi	2014	978-93- 82339-56- 4

3.2 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
	Bimal Debnath, Amal Debnath, and Chiranjit Paul	Diversity of invasive plant species in Trishna wildlife sanctuary, Tripura, Northeast India.	Life sciences leaflets (accepted)	70	2015	
	Jaba Debbarma, Dipankar Deb & Sourabh Deb	Tree diversity and socio-cultural significance of homegarden in the Baramura range, Tripura, Northeast India	Forest, Trees & Livelihood (Taylor & Francis)- Accepted		2015	

3.3 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Chiranjit Paul, Amal Debnath and Bimal Debnath	<i>Dioscorea oppositifolia</i> Linnaeus [Dioscoreaceae] - a new distributional record for Tripura, India	<i>Pleione</i> East Himalayan Society for Spermatophyte Taxonomy	8(1)	2014	184 - 187
Bimal Debnath, Amal Debnath, Supriya Shilsharma and Chiranjit Paul	Ethnomedicinal knowledge of Mog and Reang communities of south district of Tripura, India.	<i>IJAPR</i> , ISSN: 2347-8918	1(5)	2014	49-54
Bimal Debnath, Amal Debnath, and Chiranjit Paul	Diversity of invasive alien weeds in their major roadside areas of Tripura and their effect and uses.	<i>JCBPS</i> , ISSN: 2249-1929	5(3)	2015	3091-3102
Sourabh Deb	Traditional Healing practices in northeast India	Phytospectrum	04	2015	1-4
Selvan, Thiru;	Agarwood production for	Review of Research	05	2014	1-9

Nandini, D; Kaushik, K	intensive income generation				
Guleria Vipan, Vashisht Amol, Gupta Atul, Selvan Thiru, Thakur Chaman, Kumar P.	Carbon stocks and soil properties under nitrogen-fixing trees on degraded site in subtropical Himalayan region.	Indian Journal of Soil Conservation	42(3)	2014	293-297

3.4 List of other Publications:

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
	Sinha, A. K & Deb, S.	'Langi' the magnificent herbal rice beer of Tripura	www.tripurainfoway.com		2015	1-9
	Dr. Thiru Selvan and Ms. Bhabani Debbarma	Climate Change Warrior: The Bamboos	Aranyam	XVIII	2015	10-11
	Pawan K Kaushik and Dr. Thiru Selvan	Broom Grass- Research Updates and Future Scope	Manjari	1	2014	16-17
	Dr. Thiru Selvan and Pawan K Kaushik	Large Cardamon- At a Glance	Manjari	1	2014	3-4
	Deb, D.	Kanak Kaich: A Taxonomic Overview	Manjari		2015.	3(3): 4

4. Ph.D. Scholars registered/Thesis submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mr. Dipankar Deb	Plant diversity, carbon sequestration potential and soil physico-chemical properties in selected tree-based agro-ecosystems of Tripura	Dr Sourabh Deb	Registered
Ms. Bhabani Debbarma	Population structure, carbon stocking and screening germplasm of few selected edible bamboo species in Tripura.	Dr Thiru Selvan	Registered
Mr. Tamal Majumdar	Structural diversity and functional aspects of Agartala's Urban Forest Ecosystem, Tripura	Dr Thiru Selvan	Registered
Mr. Chiranjit Paul	Studies on genetic diversity and some nutritional aspects of <i>Dioscorea</i> in Tripura	Dr Bimal Debnath	Registered

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5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
01	May 25th-26th, 2015	National seminar on "Biodiversity for Sustainable Development" in collaboration with Dept of Botany and Tripura Biodiversity Board	
02	17 th April, 2015	Invited talk on 'Faunal diversity of Northeast India'	Prof. P. C. Bhattacharjee (Retired), Department of Zoology, Guwahati University, Assam

6. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
01	01	-

7. Major Instruments available in the Department:

Olympus make microphotography system microscope- 1; Chemiline Micro controller based pH meter; REMI Laboratory Centrifuge (R-24, R-248); Vertical Autoclave YORCO (Model- YSI 403); Horizontal Laminar Air Flow YORCO (Model- YSI 188); REMI Magnetic stirrer with hot plate (Model- 1MLH); Digital Conductivity Meter YORCO (Model- YSI 658); SYSTONIC Digital flame photometer (Model-S-935); SYSTONIC UV-VIS Spectrophotometer (Model- S-925); Environmental Test Chamber; SIGMA Refrigerated Centrifuge; Hot Air Oven; Tree Pruner with Handle

8. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Research Scholar				
Dipankar Deb	Himalayan Young Researchers Meet	7- 9 th September, 2014	GB Pant Institute of Himalayan Environment and Development, Kosi-Katarmal	Agroforestry systems of Tripura

Faculties				
Dr Sourabh Deb	119 th Orientation Programme	22 nd June-18 th July, 2015	HRDC, Himachal Pradesh University, Shimla	People's perception on climate change
	National Seminar On Science-Led Development For Environmental Sustainability	21-22 February, 2015	NESA, New Delhi	Traditional Agroforestry Systems of Northeast India
	Training on medicinal and aromatic plant cultivation	21-23 rd July, 2014	NEDFi, Agartala	Non Timber Forest Products of Northeast India (Medicinal plants)
	World Environment Day Celebration	5 th June	The Association of Engineers, Tripura State Centre, Gurkhabasti, Tripura	Expert speaker on the theme 'Seven Billion Dreams, One Planet. Consume with Care' in the celebration of World Environment Day 2015.
Dr Thiru Selvan	98 th Orientation programme	6 th January-2 nd February, 2015	University of Burdwan Burdwan, West Bengal	Biodiversity and Evolution of life
	Lectures and practical classes as Resource Person	3 rd June- 20 th June 2014 and 22 December-1 st January 2015	Central Academy for Sate Forest Service (CASFOS), Govt. of India, Burnihat, Assam	Courses on Silviculture, Joint Forest Management and Rural Development and Forest Economics

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Cluster level intervention programme	12 th May, 2015	TRIBAC, Agartala	Role of Artisans and Entrepreneurs in cluster based programmes
Registrations of Geographical Indications in Tripura	28 th April, 2014	NTFP Centre of Excellence, Forest Department, Govt. of Tripura	Conference Hall, PMU Building, Tripura JICA Project, Hatipara, Gandhigram
10 th meeting of the Board of Management of NTFP Centre of Excellence, Agartala (Special Invitee)	28 th February, 2015	NTFP Centre of Excellence, Forest Department, Govt. of Tripura	NCE Conference Hall of JICA Project Building, Gandhigram, Agartala

9. Major thrust area of research:

- Agroforestry & Forest ecology
- Tree Improvement and Genetic Resources
- Plant diversity & Forest Genetics

10. Details of Placement of a few Students:

Total	GEN	ST	SC	OBC	Min
Name of the students	Name of the Organization/Dept.		Posts/ Designation	Average annual salary (in Rs.)	
Ms Reshmi Debbarma	Drinking water and Sanitation		MIS Consultant	Rs. 2, 40, 000	
Mr Amulya Debbarma	Bamboo and Cane Development Institute		Project Assistant	Rs. 1, 44, 000	

11. Awards/Medals received by the students during the academic year 2014-15:

Name of Students	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Ms Imalisa Pal	1 st Prize State Level Debate	06.12.2014	Tripura State Electricity Corporation Limited	
Ms Imalisa Pal	2 nd Prize Oratory competition	23.12.2014	Distance Education, Tripura University	

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Ms Imalisa Pal	1 st Prize in inter-departmental debate	13.11.2014	Tripura University	
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12. Awards/Medals received by the Teachers during the academic year 2014-15:

Name of teacher	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Dr Sourabh Deb	Environmentalist of the Year 2014	22 th Feb, 2015	National Environmental Science Academy, New Delhi	

13. On-going Research Projects in 2014-15

Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
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	-	2015
Dr. Bimal Debnath	UGC, New Delhi	Cytological investigation of forest tree species in Tripura	6.00	5.40	2012-14
Dr. Sourabh Deb	UGC, New Delhi	Community structure, biodiversity value, management practices and socio-economy of traditional agroforestry systems among the ethnic communities of Tripura.	6.00	5.40	2012-14

14. Any other achievements:

Dr Thiru Selvan has joined as Guest Editor of "Manjari": A monthly newsletter of NTFP Centre of Excellence, Tripura. He is also a Committee member in Personality Test-cum-Interview for the selection of Senior Technical Officer, State Project Coordinator and Scientific/Technical Assistant under the Tripura Biodiversity Board, dated- 6th December, 2014 held at Forest Department, Aranya Bhawan, Agartala.

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DEPARTMENT OF GEOGRAPHY & DISASTER MANAGEMENT

The Department of Geography and Disaster Management was established in the month of December, 2004. The thrust area of the department is Fluvial Geomorphology, Regional planning and Development. Special emphasis is given to teach modern technologies like Remote Sensing (RS) and Geographic Information System (GIS) and their application in the field of research. Presently laboratories for RS and GIS, Fluvial Hazard Analysis and Regional Planning are fully utilized under the guidance of respective faculty members.

Head of the Department : Dr. Nibedita Das (Pan)

Year of Establishment: 2004

Programmes on offer : M.Sc., Ph.D.

Intake capacity : 26

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Nibedita Das (Pan)	M.Sc., Ph.D.	Associate Professor and Head	Fluvial Geomorphology, Fluvial Hazards and Disaster Management	22 years (including 12 yrs in Govt. Degree College under T.U.)	04
Mrs. Jimmi Debbarma	M.A.	Assistant Professor	Environment and Resource	9 years	--
Mrs. Mousami Debbarma	M.A.	Assistant Professor	Human Geography	4 years	--
Dr. Saptarshi Mitra	M.Sc., Ph.D.	Assistant Professor	Regional Planning, Urban and Rural Development	4 Years (Another One and Half Years in College)	06

2. Visiting Teacher/ Visiting Fellow :

Name	Institution
Dr. Asit Kumar Sarkar	National Atlas and Thematic Mapping Organization (NATMO), Kolkata
Prof. A. K. Bhagabati	Geography Department, Guwahati University, Assam

3. Publication Details:

3.1 Book Chapters:

All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Moujuri Bhowmik and Nibedita Das (Pan)	Ch-14. Quantitative Assessment of Bank Erosion Hazard in a part of the Haora River, West Tripura	Mehtab Singh, R.B.	Landscape, Ecology and	Springer, Tokyo,	2014	ISSN 2198-3542 ISSN 2198-3550 (electronic) ISBN

	(pp. 192-203)	Singh and M.I.Hassan	Water Management	Japan		978-4-431- 54870-6 ISBN 978-4-431- 54871-3 (eBook)
Sima Majumdar and Nibedita Das (Pan)	Ch-16. Spatio- temporal Shift of Right Bank of the Gumti River, Amarpur Town, Tripura and its impact (pp. 221-232)					

3.2 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Saptarshi Mitra, S Sen, C Debbarma, S K De	Impact of faults on landslide in the Atharamura Hill (along the NH 44), Tripura	Environmental Earth Science	73	2015	5289– 5298
Moujuri Bhowmik and Nibedita Das (Pan)	Flood Hazard Mapping of the Lohar Nala basin, West Tripura	Archives of Applied Science Research	6 (3)	2014	142- 153

3.3 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Mugdha Chakraborty and Nibedita Das (Pan)	Flood Risk Assessment and Vulnerability Analysis: A Comparative Study on two villages of Haora River Basin, West Tripura, India	Proceedings of International Seminar on 'Environmental Perspectives and Resource Management' organized by ILEE, Kolkata on 19 th -20 th December, 2014		2014	335-341
Moujuri Bhowmik and Nibedita Das (Pan)	Near Bank Stress Ranking of Sonai Gang Basin, West Tripura District				377-382
Istak Ahmed and Nibedita Das (Pan)	Sedimentation Problem of Lower Gumti River, Tripura: An Analysis				342-348

4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/Awarded
Istak Ahmed	Sedimentation Problem of Regulated Rivers and its impact on Geographical	Dr. Nibedita Das (Pan)	Registered

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	Environment: A Case study of the Gumti River, Tripura		
Abhijit Santra	Changing Land Use Pattern of the Agartala City, Tripura: A Geographical Perspective	Dr. Saptarshi Mitra	Registered
Debasish Debbarma	Salient Features of Auto Rickshaw Transport Services in Agartala Municipal Corporation Area in Tripura: A Geographical Appraisal	Dr. Saptarshi Mitra	Registered
Somprakash Dhar	Geopolitical scenario of Tripura: An Analytical Study on State, People and Developmental Policies	Dr. Saptarshi Mitra	Registered
Dhirendra Nath Das	Livelihood of Rural Poor Under The Swarnajayanti Gram Swarozgar Yojana in West Tripura District, Tripura: A Case Study	Dr. Saptarshi Mitra	Registered
Mrs. Mugdha Chakraborty	Flood Hazard and its Management: A Case Study on the Haora River, West Tripura	Dr. Nibedita Das (Pan)	Awarded
Mr. Goutam Kumar Ghosh	Geo-Environmental Appraisal of North District of Sikkim Himalaya with special reference to Landslide hazard.	Prof. Sunil Kumar De, NEHU	Awarded
Mrs. Prasamita Sarkar	Geomorphic Signatures and Tectonic Settings of Baromura Hill Area in Tripura: A Study on Regional Disaster Management and Planning	Registered under Late Dr. Sudip Dey and submitted under Prof. Sunil Kumar De, NEHU	Awarded
Ms. Shreya Bandyopadhyay	Impact of Human Interference on River Health: A Case Study of the Haora River in Tripura.	Prof. Sunil Kumar De, NEHU	Awarded
Mr. Kapil Ghosh	A Study of Landslide and related phenomena through Hazard and Risk analysis in the hilly tracts of Dhalai District, Tripura	Prof. Sunil Kumar De, NEHU	Awarded

5. 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.

6. Major Instruments available in the Department:

- (1) Global Positioning System (GPS)
- (2) Total Station
- (3) Soil Erosion Monitoring System

7. 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 attended	Duration/ Date	Organized by	Title of the paper presented
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Jimmi Debbarma	National Seminar on “Tribal Life and Forest Resource Management”	12 th – 13 th March, 2015	Department of Sociology, MBB College, Agartala	Importance of forest as a source of livelihood for the Jhumias in Tripura
Mousami Debbarma	National Seminar on “Tribal Life and Forest Resource Management”	12 th – 13 th March, 2015	Department of Sociology, MBB College, Agartala	Bamboo in the life of the Tiphra people
Dr. Saptarshi Mitra and Subhajit Sen	36 th IIG Congress and International Seminar on “Environmental Changes and Challenges: Local, Regional and Global Perspective”	25 th - 28 th February, 2015	Department of Geography, Gauhati University, Assam	Geomorphological Patterns and Processes of Tilla-Lunga Topography in Tripura
Dr. Saptarshi Mitra and Rajib Lal Debbarma	46 th Regional Science Conference and National Seminar on “Underdevelopment in the North East and the Indian State”	6-8 th November, 2014	Department of Geography, North-Eastern Hill University, Shillong, Meghalaya.	A Spatio-Temporal Study of Village Names with Reference to the Physical and Socio-cultural Attributes in South Tripura District, Tripura
	36 th IIG Congress and International Seminar on “Environmental Changes and Challenges: Local, Regional and Global Perspective”	25 th -28 th , February 2015	Gauhati University, Assam	A Spatio-Temporal Study of Rural Settlement Attributes Among North Sonaichhari and Hrishyamukh Villages of South Tripura District
Dr. Saptarshi Mitra, Abhijit Santra	36 th IIG Congress and International Seminar on “Environmental Changes and Challenges: Local, Regional and Global Perspective”	25 th -28 th February, 2015	Department of Geography, Gauhati University, Assam	Urbanization, Land use and Emerging issues of Agartala City, Tripura
Dr. Saptarshi Mitra, Abhijit Santra and Subhajit Sen	46 th Regional Science Conference and National Seminar on “Underdevelopment in the North East and the Indian State”	6 th – 8 th November, 2014	Department of Geography, North-Eastern Hill University, Shillong, Meghalaya.	Changing urban land use in relation to the solid waste disposal system: a case study of Agartala City
Dr. Saptarshi Mitra and Debasish Debbarma	46 th Regional Science Conference and National Seminar on “Underdevelopment in the North East and the Indian State”	6 th – 8 th November, 2014	Department of Geography, North-Eastern Hill University, Shillong, Meghalaya.	Problem and prospects of the commuters on the auto rickshaw transport services in Agartala urban area
	36 th IIG Congress and International Seminar on “Environmental Changes and Challenges: Local,	25 th -28 th February, 2015	Department of Geography, Gauhati	Auto Rickshaw Transport Services in Agartala Municipal Corporation Area; A

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	Regional and Global Perspective”		University, Assam	Geographical Analysis
Dr. Saptarshi Mitra and Somprakash Dhar	46 th Regional Science Conference and National Seminar on “Underdevelopment in the North East and the Indian State”	6 th – 8 th November, 2014	Department of Geography, North-Eastern Hill University, Shillong, Meghalaya.	Changing Trends in the Electoral Behaviour in Tripura: A Case Study of Three Tier Panchayat Elections
	36 th IIG Congress and International Seminar on “Environmental Changes and Challenges: Local, Regional and Global Perspective”	25 th -28 th February, 2015	Department of Geography, Gauhati University, Assam	Indo-Bangla International Border in Tripura: Possibilities of Developing the Geo-Political Relations
Dr. Saptarshi Mitra and Dharendra Nath Das	36 th IIG Congress and International Seminar on “Environmental Changes and Challenges: Local, Regional and Global Perspective”	25 th -28 th February, 2015	Department of Geography, Gauhati University, Assam	Impact of Self Help Groups on Poverty Alleviation and Women Empowerment: A study of Belbari R.D. Block, Tripura.
Dr. Saptarshi Mitra and Dharendra Nath Das, Abhijit Santar	46 th Regional Science Conference and National Seminar on “Underdevelopment in the North East and the Indian State”	6 th – 8 th November, 2014	Department of Geography, North-Eastern Hill University, Shillong, Meghalaya.	Impact of Saras Fair in Poverty Alleviation: Promotion and the Socio-Economic Empowerment of Self Help Groups in Tripura: A Case Study of The 9 th Regional Saras Fair 2014, Agartala.
Dr. Saptarshi Mitra and Stabak Roy	46 th Regional Science Conference and National Seminar on “Underdevelopment in the North East and the Indian State”	6 th to 8 th November, 2014	Department of Geography, North-Eastern Hill University, Shillong, Meghalaya.	Railway Infrastructural Status in the State of Tripura, India: A Geographical Perspective.
	National Seminar on Northeast India: Before and After Partition with Special Reference to Tripura	14 th to 15 th February, 2015	Swami Vivekananda Mahavidyalaya, West Tripura	Development of Railway Infrastructure in Tripura: A Chronological Approach
	36 th Indian Geographers Meet and International Seminar on Environmental Changes and Challenges: Local, Regional and Global	25 th to 28 th February, 2015	Department of Geography, Gauhati University, Assam	Livelihood Pattern of Railway Hawkers In Tripura

	Perspective Indo- Canadian International Conference of Business and Behavioural Sciences	3 rd to 4 th July, 2015	Society of Management and Behavioural Science(SMBS) India and Canada	Infrastructural Status of Tourism in Tripura, India: Geographical Perspectives
Rajib Lal Debbarma	International Seminar being held on “Patriarchy and Gender in Colonial and Post Colonial South Asia”. National Seminar on “North-East India: Before and After Partition with Special Reference to Tripura” Two Day National Seminar on “Tripura in 21 st Century: Development Experience”	16 – 17 th January, 2015 14-15 th February 2015 23rd-24 th May, 2015	Kabi Nazrul Mahavidyalaya, Sonamura, Sepahijala, Tripura Department of History, Swami Vivekananda Mahavidyalaya, Mohanpur, Tripura West. Economic Science Society of Tripura (ESSOT) at Agartala, Tripura	A Spatio-Temporal Study of Women’s Status in North Sonaichhari Village: South Tripura District A Comparative Study of Infrastructural Development between non-ADC Hrishyamukh and North Sonaichhari ADC Villages of South Tripura District, Tripura An Appraisal of Indira Awaas Yojana (IAY) Settlement Characteristics between North Sonaichhari and Trishna ADC Villages of South Tripura District
Stabak Roy	National Seminar on Northeast India: Before and After Partition with Special Reference to Tripura Indo- Canadian International Conference of Business and Behavioural Sciences	14 th to 15 th February, 2015 3 rd to 4 th July, 2015	Swami Vivekananda Mahavidyalaya, West Tripura Society of Management and Behavioural Science(SMBS) India and Canada	Development of Railway Infrastructure in Tripura: A Chronological Approach Infrastructural Status of Tourism in Tripura, India: Geographical Perspectives
Moujuri Bhowmik	International Seminar on Environmental Perspectives and Resource Management	19 th -20 th December, 2014	Institute of Landscape, Ecology and Ekistics (ILEE), Kolkata	Near Bank Stress Ranking of Sonai Gang Basin, West Tripura District
Sima Majumdar	36 th Indian Geographers Meet and International Seminar on Environmental Changes and Challenges: Local, Regional and Global Perspective	25 th to 28 th February, 2015	Department of Geography, Gauhati University, Assam	Spatio-temporal change of the Gumti River between Barmura-Atharamura Hill Ranges of Tripura and its impact on socio-economic condition of the local people
Istak Ahmed	International Seminar on Environmental Perspectives and Resource Management	19 th -20 th December, 2014	Institute of Landscape, Ecology and Ekistics (ILEE), Kolkata	Sedimentation Problem of Lower Gumti River, Tripura: An Analysis

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	36 th Indian Geographers Meet and International Seminar on Environmental Changes and Challenges: Local, Regional and Global Perspective	25 th to 28 th February, 2015	Department of Geography, Gauhati University, Assam	Anthropogenic Factors of Sedimentation: A Case Study on the Gumti River, Tripura
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8. 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.
9. New initiatives/Innovations: Geographical Excursion Trip has been conducted at Ravangla and Gangtok, Sikkim on 4-19 September, 2014 with 22 Students (P.G. 3rd Semester) associated with two Research Scholars under the Supervision of Dr. Saptarshi Mitra.

Total 17 Dissertation study (P.G. 4th Semester) has been carried out under Regional Planning & Development Special Paper in the year 2014-2015.

10. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

NET June, 2014		GEN		ST		SC		OBC	01	Min	
NET December, 2014		GEN	01	ST		SC		OBC		Min	
SET		GEN	01	ST		SC		OBC	01	Min	

11. Details of Placement of a few Students:

Total	6	GEN	3	ST	1	SC	1	OBC	1	Min	
Name of the students	Name of the Organization/Dept.					Posts/Designation	Average annual salary (in Rs.)				
Ms. Atashi Chakma	Govt. B.Ed. College, Kumarghat					Assistant Professor	UGC Scale				
Dr. Bijaya Bhattacharya	Women's College, Agartala					Guest Lecturer					
Papiya Acharjee	Iswar Chandra Vidyasagar College, Belonia					Guest Lecturer					
Mampi Sarkar	Panisagar Block					Block Resource Person					
Sovanlal Mukhopadhyay	NEHU, Shillong					Guest Lecturer					
Kapil Ghosh	Rajib Gandhi University, Arunachal Pradesh					Guest Lecturer					

12. Awards/Medals received by the students during the academic year 2014-15:

Name of Students	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Rajib Lal Deb Barma	Young Regional Scientist	8 TH November, 2014	46 th Regional Science Conference and National Seminar, Dept. of Geography, North-Eastern Hill University, Shillong, Meghalaya.	-

13. On-going Research Projects in 2014-15

Faculty of Science					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Dr. Nibedita Das (Pan)	Govt. of India UNDP through Revenue Department, Govt. of Tripura	Sedimentation, Impacts, recommendations of Disaster Risk Reduction (DRR) initiatives and Climate Change Adaptation (CCA) for Khowai River of Tripura	2 Lakhs	2014	2 years

14. Any other achievements:

Photographs:



Field Survey in Sikkim, 2014, Department of Geography & Disaster Management, Tripura University



Measurement of Road Alignment by Prismatic Compass Survey in Agartala City Conducted by Dept. of & Disaster Management, Tripura University

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DEPARTMENT OF HUMAN PHYSIOLOGY

The Department of Human Physiology was established in 2007 and 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. Staff of the Department of Human Physiology play a major role in teaching to postgraduate students. Along with teaching, the faculty in the Physiology Department conducts outstanding, cutting-edge research on fundamental functions of cells and tissues. There is also keen interest in the cellular and molecular basis of diseases and translation of basic science research to develop novel therapeutic approaches.

Head of the Department: Dr. Samir Kumar Sil

Programmes on offer: M.Sc., and Ph.D.

Intake capacity : M.Sc., 25

1. Fulltime faculty members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. scholars under his/her supervision
Dr. Samir Kumar Sil	M.Sc., NET, Ph.D.	Associate Professor	Molecular genetics, Molecular Cell physiology, Cancer and Cell signalling	22 years	8
Dr. Debasish Maiti	M.Sc., Ph.D.	Associate Professor	Immunology, Microbiology and Cell Signalling	7 years	4
Dr. Dipayan Choudhuri	M.Sc., Ph.D.	Reader	Endocrinology and reproductive physiology		
Dr. Sudipta Pal	M.Sc., Ph.D.	Assistant Professor	Biochemistry and biochemical Toxicology	7 years	4

2. Guest teachers/ Contract Teachers :

Name	Qualification	Institution	No. of years of teaching experience
Ayantika Pal	M.Sc. (Zoology), Ph.D	Bose Institute , Kolkata	1 year

3. Publication details :

3.1 Book Chapters :

Deptt.	All Authors	Title of the Chapter	Book Editor	Name of the Book	Publishers	Year	ISBN No.
Human Physiology	Sandip Roy Sarkar and Samir Kumar Sil	Somatotype of Tripuri Tribal Adolescent Boys (Aged 8 to 16 years) of Tripura, North East India.	Chakrabarty D	User Centered Design and Occupational Wellbeing	McGraw Hill Education (Ind) Pvt. Ltd.	2014	(13) 978-93-392-1970-3 (10) 93-392-1970-8

3.2 List of Publications in peer reviewed (Published outside of India) Journals/ Books/ Proceedings :

Deptt.	All Authors	Title	Name of the journal/Magazine	Vol.	Year	Page No.
Human Physiology	Priyanka Banerjee, Rajiv Kumar Mondal, Madhuparna Nandi, Sumantra Ghosh, Nabendu Chakraborty, Swatilekha Bhattacharya, Arindam RoyChoudhury, Soma Banerjee, Amal Santra, Samir K Sil, Abhijit Chowdhury, Pradip Bhaumik, Simanti Datta.	A Rare HBV Subgenotype D4 with Unique Genomic Signatures Identified in North-Eastern India –An Emerging Clinical Challenge?	Plos One	9(10)	2014	
Human Physiology	Singha AK, Bhattacharjee B and Maiti D	Cytotoxicity activity of T lymphocytes is induced upon stimulated with IL-3 plus GM-CSF in animal leukemia model	Leukemia Research	Accepted	2015	
Human Physiology	Xu Z, Yoshida T, Wu L, Maiti D, Cebotaru L, Duh EJ	Transcription Factor MEF2C Suppresses Endothelial Cell Inflammation via Regulation of NF- κ B and KLF2	J Cell Physiol	230 (6)	2015	1310 - 1320
Human Physiology	Sutradhar P, Saha M and Maiti D.	Microwave synthesis of copper oxide nanoparticles using tea leaf and coffee powder extracts and its antibacterial activity	J Nanostruct Chem	4	2014	86
Human Physiology	Sarkar C, Pal S, Das N, Dinda B	Ameliorative effects of oleanolic acid on	Food and Chemical	66	2014	224-236

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gy		fluoride induced metabolic and oxidative dysfunctions in rat brain: Experimental and biochemical studies	Toxicology			
Human Physiology	Pal S, Sarkar C	Protective effect of resveratrol on fluoride induced alteration in protein and nucleic acid metabolism, DNA damage and biogenic amines in rat brain	Environmental Toxicology and Pharmacology	38(2)	2014	684-699
Human Physiology	Sarkar C, Pal S	Ameliorative effect of resveratrol against fluoride induced alteration of thyroid function in male Wistar rats	Biological Trace Element Research	162(1-3)	2014	278-287

3.3 List of Publications in peer reviewed (Published in India) Journals/ Books/ Proceedings :

Department	All Authors	Title	Name of the journal/ Magazine	Vol.	Year	Page No.
Human Physiology	Roy Sarkar S, Sil S K	Prevalence of stunting and thinness among Bengali children and adolescent boys of Agartala, Tripura, India.	Asian J Pharmaceut Health Sci	5	2014	1210-1213
Human Physiology	Roy Sarkar S, Sil S K	Somatotype of non-athlete tribal boys of West Tripura District, Tripura.	Biolife	2(4)	2014	1365-1370
Human Physiology	Roy Sarkar S, Sil S K	Prevalence of hypertension among boys (6-18 years) belonging to Tripuri tribal of Tripura.	Int J Sci Res	4	2015	14-16
Human Physiology	Roy Sarkar S, Sil S K	Body Physique in Bengali adolescent boys from West Tripura District, Tripura, India.	Int J Bioassays	4	2015	3684-3688
Human Physiology	Saha S, Sil S K	Prevalence of thinness among rural adolescent Bengali school girls of North	Int J Sci Appl Res	2	2015	56-58

		Tripura.				
Human Physiology	Ray Choudhury P, Basak S, Sil S K	Host based specialization in <i>Aphis gossypii</i> glover, evidenced from DNA barcode studies from Tripura, North-East India.	J Appl Biosci	41(1)	2015	12-18
Human Physiology	Debnath B*, Jasimuddin Md, and Maiti D	Nanoparticle (NP) as a targeting drug delivery system to blood brain barrier (BBB): A review	Parmatutor	3(8)	2015	30-37
Human Physiology	Singha AK, Bhattacharjee B and Maiti D	IL-3 and GM-CSF induces increased recruitment of lymphocytes in peripheral blood in ENU induced leukemia mouse model	Int J Cur. Res. Rev india	7(14)	2015	49-53
Human Physiology	Singha AK, Bhattacharjee B and Maiti D	IL-3 and GM-CSF in combination alters protein tyrosine kinase activity of splenic macrophages in leukemic mice	Int. J Biomed Res India	6	2015	385-390
Human Physiology	Bhattacharjee B., Singha AK. And Maiti D	Role of G-CSF plus IL-15 on neutrophil population in peripheral blood modulating protein tyrosine kinase activity in leukemic mice	Int J Cur Res. India	7	2015	15180 - 15186
Human Physiology	Choudhuri S, Aithala M, Choudhuri D	Screening of cardiometabolic Risk Profile in Middle aged Premenopausal Indian Women	J Cardiovas Dis Res India	6(2)	2015	91-96
Human Physiology	Choudhuri D, Sutradhar B	Pulmonary function of adolescents from Tripura, a North- eastern state of India	Lung India India	32(4)	2015	353-358
Human Physiology	Bhattacharjee S, Pal S	Anti-lipidemic and cardioprotective effects of vitamin	International Journal of Pharmaceutical, Chemical and	4 (2)	2014	353-360

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		B ₁₂ and folic acid against arsenic toxicity	Biological Sciences			
Human Physiology	Bhattacharjee S, Pal S	Additive protective effects of selenium and vitamin E against arsenic induced lipidemic and cardiotoxic effects in mice	International Journal of Pharmacy and Pharmaceutical Sciences	6(5)	2014	406-413
Human Physiology	Sarkar C, Das N, Pal S, Dinda B	Oxidative stress induced alteration of protein and nucleic acid metabolism in fluoride-intoxicated rat brain: protection by α -hydroxy olean-12-en-27-oic acid isolated from <i>Neanotiswightiana</i>	International Journal of Pharmaceutical Sciences and Research	5(7)	2014	3047-3066
Human Physiology	Bhattacharjee S, Pal S	Review Article entitled Arsenic Induced Cardiotoxicity : Ameliorative Role of Vitamins and Minerals	Indian Journal of Physiology and Allied Sciences	Accepted	2015	
Human Physiology	Pal S	Certain Additive Beneficial Effects of Melatonin and Vitamin E co-administration against Arsenic-induced Oxidative Stress in Rat Liver	Indian Journal of Physiology and Allied Sciences	Accepted	2015	

4. Ph.D Scholars Registered / Thesis submitted/ Awarded during 2014-15:

Name of the scholars	Research topic	Name of the Guide	Registered/ Thesis submitted/ Awarded
Jhinuk Basu Mullik	Incidence of sexually transmitted infections (STIs) in hospital patients of Tripura and evolution of selected STIs related antibacterial and antifungal activity of two medicinal plants of Tripura with reference to their role in cellular immune responses <i>in-vitro</i> .	Dr. Samir Kumar Sil	Registered
Liza Debbarma	Hospital based studies on G6PD deficiency and Globin chain synthesis defects in the development of neonatal jaundice in the population of Tripura: Molecular Characterization.	Dr. Samir Kumar Sil	Registered
Susmita	Molecular and cellular studies on <i>in-vitro</i> wound	Dr. Samir	Registered

Saha	healing activities of <i>Parkia javanica</i> , a medicinal plants of Tripura, north east India.	Kumar Sil	
Rajat Subhra Das	Variation in Vitamin D binding protein and Vitamin D receptor genotypes in relation to bone mineral density among young obese women of two ethnically different tribal communities of Tripura (Tripuri and Molsom)	Dr. Samir Kumar Sil	Registered
Sri Bhaskar Bhattacharjee	Immunological study of NK cell and Neutrophil in Leukemic Animal Model	Dr. Debasish Maiti	Registered (public seminar completed)
Sri Ashish Kr. Singha	Studies on Immunological Response of Macrophages and Lymphocytes in Experimental Leukemia Model	Dr. Debasish Maiti	Registered
Tapasi Bhattacharjee	Studies on reproductive and developmental toxicity of chronic low dose exposure to a mixture of metals (Cd, Pb & As) : Possible Ameliorative effect of some antioxidant micronutrients	Dr. Dipayan Choudhuri	Registered
Balaram Sutradhar	Studies on pulmonary functions and cardiovascular status of tribal adolescent from Tripura and determination of reference standard for Spirometry	Dr. Dipayan Choudhuri	Registered
Purnajita Sen	Studies on cardio metabolic risk profile in post-menopausal ethnic women of Tripura	Dr. Dipayan Choudhuri	Registered
Jahnabi Saha	Studies on various aspects of sub chronic exposure to Chromium on reproductive system of male albino rats	Dr. Dipayan Choudhuri	Registered
Nabamita Nath	Studies on correlates of metabolic syndrome among young adults from Tripura	Dr. Dipayan Choudhuri	Registered
Chaitali Sarkar	Certain aspects of fluoride toxicity on brain protein and nucleic acid metabolism in relation to thyroid function	Dr. Sudipta Pal	Thesis submitted
Surajit Bhattacharya	Mechanism of Arsenic -induced Oxidative Stress in Cardiac Tissue: Role of Certain Antioxidants	Dr. Sudipta Pal	Final stage of Thesis submission
Pritha Das	Studies on metabolic homeostasis in mice following sub-acute lead toxicity	Dr. Sudipta Pal	Registered
Kanu Shil	Alterations in carbohydrate, protein and fat metabolism in liver, kidney, muscle and brain following sub-acute chromium exposure	Dr. Sudipta Pal	Registered

5. Seminar / Workshop/ Symposia Lecture/ Talk/ Cultural Programme organized by the Department :

SL No.	Date	Title	Speakers
1	23-26 th March 2015	Workshop on advance Biotechnology	Prof. J. K. Roy, BHU, Dr. D. Ningthousam, Manipur University, Dr. P. Maiti, Imgenex India.
2	13-14 January, 2015	Seminar cum workshop on Advances in Modern Biotechnology	53 participants from Tripura and outside states faculty and PhD students.

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6. Teaching laboratory/ Research laboratory :

Total no. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
7	2	5

7. Major instrument available in the Department:

- a) Spectroquant Faro 300, b) Milli Q water purifier , c) Eppendorf centrifuge 5702 with minispin , d) Treadmill, e) RT-PCR, f) Cold centrifuge g) Laminar flow, h) Blood analyzer i) Shaker cum incubator j) Microscope with camera

8. Conference/ Seminar / Workshops/ winter Schools attended by the students/ Research Scholars/ Faculty of the Department

Name	Conference/ Seminar / Workshops attended	Duration/ Date	Organized by	Title of the paper presented
Dr. Samir Kumar Sil	1 st Annual International Conference on Advanced Research Physiology	21-22 July 2014	Global Science and Technology Forum, Singapore	Effect of HBE genotype on cardiovascular performance
Dr. Debasish Maiti	102 nd Indian Science Congress, Mumbai University. Mumbai	3 rd -7 th Jan, 2015	Indian Science Congress Association	Effect of G-CSF and IL-15 on Neutrophil in leukaemia induced mice
Dr. Debasish Maiti	PHYSICON, 2014	19 th -21 st Dec, 2014	Berhampur Girls College, Berhampur West Bengal	Evaluation of Immunological Response of Lymphocytes in Experimental Leukemia Model after IL-3 and GM-CSF administration
Dr. Debasish Maiti	International Symposium on Genetic Analysis: Translational and developmental (iNSGTD).	21 st -23 rd Nov, 2014	Burdwan University. West Bengal	Role of V-ATPase on migration, invasion and changes of cellular pH
Dr. Dipayan Choudhuri	PHYSICON, 2014	19 th -21 st Dec, 2014	Berhampur Girls College, Berhampur West Bengal	Metabolic syndrome : the emerging health hazard in middle aged Indian women
Dr. Sudipta Pal	102 nd Indian Science Congress, organized by University of Mumbai	3 rd -7 th Jan, 2015	Indian Science Congress Association	Sub-acute oral exposure to fluoride : a threat to metabolic homeostasis in rat brain
Dr. Sudipta Pal	PHYSICON, 2014	19 th -21 st Dec, 2014	Berhampur Girls College, Berhampur West Bengal	Sub-acute arsenic toxicity : a threat to metabolic homeostasis
Sandeep Roy	International	1 st - 5 th	IIT, Guahati	Somatotype of Tripuri

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Sarkar	Ergonomics Conference HWWE	December, 2014		Tribal adolescent boys (Aged 8-16 Years) of Tripura, North-east India.
Chaitali Sarkar	PHYSICON, 2014	19 th -21 st Dec, 2014	Berhampur Girls College, Berhampur West Bengal	Alteration in thyroid function after sub-acute fluoride exposure
Chaitali Sarkar	Advances in Modern Biotechnology	15 th to 16 th Jan, 2015	State Biotech Hub, Tripura University	Protective effect of 3 α -hydroxy olean-12-en-27-oic acid isolated from <i>Neanotis wightiana</i> against sodium fluoride-induced oxidative stress in rat cerebrum
Ashish Kumar Singha	National Conference on Advances in Cancer Genomics	30 th - 31 st May, 2014.	Dept. of Biotechnology, Mizoram University, Aizawl, Mizoram,	Studies of functional activities of macrophages and lymphocytes in experimentally induce leukemic animal model
Ashish Kumar Singha	PHYSICON-2014, Physiological Society of India	19 th -21 st Dec, 2014	Berhampore Girls College, Berhampore, Murshidabad, WB.	Effect of IL-3 and GM-CSF on macrophage in carcinogen induced leukemic mice
Ashish Kumar Singha	A Seminar-cum-Workshop on Advances in Modern Biotechnology	15 th -16 th Jan, 2015	SBT Hub, Tripura University	Enhanced phagocytic activity of murine macrophages stimulated with Interleukin-3 and Granulocyte macrophage-colony stimulating factor carcinogen induced leukemic mice
Bhaskar Bhattacharjee	International symposium on genetic analysis: translational and developmental And annual meeting of society of biotechnologists (India).	21 st - 23 rd Nov, 2014.	Department of zoology, Burdwan University and Society of biotechnologists (India).	Alteration of Immunological Behaviour of Natural Killer Cells by G-CSF and IL-15 in mouse model of Leukaemia.
Bhaskar Bhattacharjee	XXVI annual national conference of Physiological Society of India	19 th - 21 st Dec, 2014.	Dept. of Physiology and dept. of Zoology, Berhampore Girls College,	G-CSF and IL-15 induced neutrophil function in leukemic animal model.

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			Berhampore, Murshidabad, West Bengal.	
Bhaskar Bhattacharjee	2 day seminar cum workshop on Advances in Modern Biotechnology	15 th - 16 th Jan, 2015.	SBT hub, Tripura University.	G-CSF and IL-15 induced Natural Killer Cells function in mouse model of Leukaemia
Balaram Sutardhar	XXVI th Annual national conference of The Physiological Society of India.	19 th - 21 st Dec, 2014	Department of Physiology & Department of Zoology, Berhampore girl's College, Berhampore, Murshidabad West Bengal	Lung function of tribal children from Tripura, A North Eastern State of India.
Balaram Sutardhar	National seminar on health and wellbeing of adolescents and young adults: an Indian perspective.	22 nd - 23 rd Mar, 2014	Department of Psychology, Tripura University,	Nutritional profile and socioeconomic status of adolescents from Tripura, a North Eastern State of India.
Pritha Das	XXVI th Annual National Conference of the Physiological Society of India	19 th to 21 st Dec, 2014	Depart. Of Physiology and Dept. of Zoology, Berhampore Girls' college, Murshidabad, West Bengal- 742101	Alteration of metabolic homeostasis following lead toxicity
Pritha Das	Advances in Modern Biotechnology	Jan 15 th to 16 th , 2015	State Biotech Hub, Tripura University	Effect of sub-acute lead exposure on certain metabolic profile of liver and kidney of mice
Kanu Shil	Seminar cum Workshop on advances in modern biotechnology	15 th -16 th January 2015	State Biotech Hub, Tripura University	Toxic insult of Cr(VI) on certain metabolic parameters of mammalian renal tissue
Kanu Shil	26 th Annual conference of Physiological Society of India	19 th to 21 st Dec, 2014	Dept of Human Physiology & Dept of Zoology, Berhampore girls college, Berhampore Murshidabad, west Bengal in collaboration with Central Sericulture Research and	Metabolic impairment of Cr (vi) in liver and muscle tissue

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			Training Institute ,Berhampore, Murshidabad.	
Jahnabi Saha	XXVI th Annual national conference of The Physiological Society of India.	19 th - 21 st Dec, 2014	Department of Physiology & Department of Zoology, Berhampore girl's College, Berhampore, Murshidabad, West Bengal, in collaboration with Central Sericulture Research & Training Institute , Berhampore, Murshidabad.	Effect of sub-chronic exposure to chromium in male albino rats.
Purnajita Sen	101 th Indian Science Congress held at University of Jammu, Jammu.	3 rd -7 th Feb, 2014.	The Indian Science Congress Association 14, Dr. Biresh Guha Street, Kolkata – 700017.	Studies on Association of Physical Activity, Obesity and Cardio – Respiratory Fitness In Young Indian Subjects.
Dr. Parichita Ray Choudhury	Advances in Modern Biotechnology	15 th to 16 th Jan, 2015	Tripura University	Host Based Specialization In <i>Aphis gossypii</i> Glover, Evidenced From DNA Barcode Studies From Tripura, North-east India

9. No. of the students qualified NET/ SET in the Academic year 2014-15 from the Department :

SET 14		GEN	02	ST		SC		OBC		Min	
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10. Ongoing research projects in 2014-15

Faculty of Human Physiology					
Principle Investigator	Funding Agency	Title of the Project	Total Grant (Rs. In Lakhs)	Grant received during the year	Tenure
Dr. Samir K Sil	DBT, Govt. Of India	Molecular epidemiology of HPV and cervical cancer in Tripura: genetic variations and influencing HPV persistence and disease development	1.07 crore	17.00lakhs	2012-2015
Dr. Samir K Sil	DBT, Govt. Of India	Molecular and cellular studies on normal and diabetic wound healing activities of <i>Parkia javanica</i> , a medicinal plants	67.00lakhs	26.00 lakh	2014-2017

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		of Tripura, north east India			
Dr. Debasish Maiti	DBT	Establishment of State Biotech Hubs (SBThubs) by DBT under special programme for North Eastern States of India	304.03 + 65.9 = 369.93	34.59 Lakhs	2010-2015
Dr. Debasish Maiti	DBT	Studies on anticancer activities of extracts (Bromelain and peroxidase) of different pineapple (<i>Ananus comosus</i>) cultivars of Tripura	23.82	9.93 Lakhs	2014-2017
Dr. Debasish Maiti	ICMR	Role of macrophages in experimentally induced leukemia	9.96	2.88	2015-2017
Dr. Dipayan Choudhuri	ICMR	Nutritional and Cardiorespiratory Status of Tribal Children of Tripura : Development of Reference Standard for Spirometry	11.89	0.74560	2012-2015
Dr. Dipayan Choudhuri	ICMR	Role of Calcium Sensing Receptor on Adipocyte in Rats fed with Low or High Calcium Diet	18.53	15.40357	2015-2017

11. Any other Achievements :

- i) Dr Samir Kumar Sil: Recorder, Indian Science Congress (Section- Medical science including Physiology), elected for 2014-15; 2015-16
- ii) Dr Samir Kumar Sil: Visited University of Kansas, USA, from October 2014 to April 2015: Performed research work on 'pancreatic cancer stem cell'.
- iii) Organized workshop:

Organized by	Date	Title
Dr. Debasish Maiti	23-26 th March 2015	Workshop on advance Biotechnology
Dr. Debasish Maiti	13-14 January, 2015	Seminar cum workshop on Advances in Modern Biotechnology

DEPARTMENT OF INFORMATION TECHNOLOGY

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 of Information Technology 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 Bachelors in Computer Application (BCA) and Masters in Computer Application (MCA) programmes. “School of Information Technology & Computer Science” was established in 2002 and introduced the BCA and MCA courses. It was under the Directorate of Professional Studies (DPS) in Tripura University. In 2009 it converted into “Department of Information Technology” of Tripura University (A Central University).

In addition to the academic programmes at the UG as well as the PG levels, the Department has been carrying out active research in the fields of computer networks & wireless sensor networks, Medical Image Processing, Computer & Robot Vision, and Software Engineering.

Head of the Department : ShibenduDebbarma
 Programmes on offer : Ph.D, MCA & BCA
 Intake capacity : MCA- 50, BCA-30

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Shibendu Debbarma	B. Tech (CSE), M. Tech. (CSE), Ph.D. (Registered)	Assistant Professor	Computer Network, IPv6 and IoT	9	
Abhishek Das	B.Tech., M.S., Ph.D(JU, Submitted)	Assistant Professor	Image Processing Computer Vision	10	
Alak Roy	B.Tech (CSE), M.Tech(CSE), Ph.D (Registered)	Assistant Professor	Wireless Sensor Network	6	

2. Publication Details:

3.1 Book Chapters:

Dept.	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
IT	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	9783662472002

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3.2 List of Publications in peer reviewed (International) Journals/ Books/ Proceedings:

Dept.	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
IT	Abhishek Das	A Novel Analysis of Clinical Data and Image Processing Algorithms in Detection of Cervical Cancer	Springer Lecture Notes in Electrical Engineering	349	2015	1091-1098
IT	Abhishek Das	A Novel Illumination Correction and Intensity Normalization Method on Cervigrams in the Early Detection of Uterine Cervical Cancer	Proc. of International Conference ICoCoE, Thailand		2015	

3.3 List of Publications in peer reviewed (National) Journals/ Books/ Proceedings:

Dept.	All Authors	Title	Name of the journal/ Magazine	Vol.	Year	Page No.
IT	Swarup Nandi	Relative Endowment Analysis on The Status of Higher Technical Education in India with Special Reference to North Eastern States	Tripura Journal of Social Science(A Bi-Annual Journal of the Council for social Science Research, Agartala, Tripura)	I (ISSN : 2357-5854)	2014	pg: 83-90
	Swarup Nandi and Sandip Roy	Cyber Crime and Human Rights	National Seminar on 'National Security Issues: North-East India Perspectives' organized by Department of Defense Studies, BirBikram Memorial College, Agartala in collaboration with University Grant Commission(UGC), 8-9 November, 2014.			
	Shibendu Debbarma and Swarup Nandi	ICT And Virtual Education In India	National Seminar on 'E-resource and E-learning: Challenges and Opportunities for Students', organized by Department of Information Technology, BirBikram Memorial College, Agartala in collaboration with The Institution of Engineers(India), Tripura State Centre, 26-27 July, 2014.			

ShibankarB howmik And Suman Das	Ethical Hacking as a Security Management Technique: Challenges for North East India	National Seminar on “National Security Issues: North East India Perspectives”, 8 th and 9 th Nov 2015			
Suman Das And Utpal Pal	“Impact of E-learning in Distance Education in India: Challenges for North East India”,	National Seminar on “E-resource and E-learning: Challenges and Opportunities for students”, 26-27 July 2014			
TanmoyMu nshi And BappaDatta	“Network security based on cluster computing and it’s impact on Northeast India”	National Seminar on “National Security Issues: North East India Perspectives, 8 th and 9 th Nov 2014			
Janmajit Deb, Sumanta Saha and Bappa Datta	“Security in uncovered fencing border areas in Northeast India using Electronic surveillance devices”	National Seminar on “National Security Issues: North East India Perspectives, 8 th and 9 th Nov 2014			
Soma Barman and Bappa Datta	“Biometric technology and its application for security in Northeast India”,	National Seminar on “National Security Issues: North East India Perspectives, 8 th and 9 th Nov 2014			

3.4 List of other Publications:

Dept.	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
IT	Abhishek Das	Biotechnology Application In Medical Images : Segmentation Algorithms In Automated Detection Of Cervical Cancer	Proc. of National Seminar on Advances in Modern BioTechnology , State BioTech Hub, TU		2015	
IT	Utpal Pal Ratnadeep Baidya	“Intrusion Detection and Security Issues by Decision Tree Classifier”.	National Seminar on National Security Issues: N-E India, BBMC, Agartala, India.		November-2014	
IT	Suman Das, Utpal Pal	“Impact of e-Learning in Distance education in India: Challenges for North-East”	E-resource and E-Learning, Department of IT, BBMC, Agartala,		July, 2014	
IT	Utpal Pal, Suman Das	“Status of Higher Education in N-E	National Seminar on Higher		October, 2013	

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		India and the Role of Government and Private Sectors for Quality Improvement: Challenges”	Education, TUEA, Tripura University.			
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3. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	6 to 8 Feb 2015	Fundamentals of Image Processing & Pattern Recognition	Prof. A.K. Ghosh, TU Prof . S. Chaudhuri, IIT B Dr. D. Bhattacharjee, JU Prof. B.K. De, TU Abhishek Das, TU

4. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
05	05	

5. Conference/ Seminar/ Workshops/ Winter schools attended by students/ research /Faculty scholars of the Department and without submitted paper:

Name	Conference/ Seminar/ Workshop attended	Duration/ Date	Organized by	Title of the paper presented
Abhishek Das	1. International Conference on Industrial Engineering	26 to 28 May 2015	Tokyo University of Science, Japan	A Novel analysis of Clinical Data in detection of Cervical Cancer

6. Major thrust area of research: Computer Networking, IoT, Image Processing, Wireless sensor networks and Data Mining.

7. Awards/Medals received by the Teachers:

Name of Students	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Abhishek Das	Visiting Scientist	23 to 27 Mar 15	ISI Kolkata	Rs 5000/- Honorarium
Abhishek Das	DST Fellowship	24.4.15	DST, Govt. of India	Rs 95,000/-

8. On-going Research Projects in 2014-15

Faculty of _____ Science & Technology _____					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Abhishek Das	UGC – Major Research Project	Image processing Techniques for detection of Cervical Cancer in North East	10.55	6.30 (2015)	3 years

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DEPARTMENT OF MATHEMATICS

The Department of Mathematics has been functioning since the inception of the Calcutta University Post Graduate Centre (CUPG) in September 1976. The Mathematics Department, Post Graduate wing of M B B College, Agartala which had been running since 1967, was rendered defunct due to the introduction of the CUPG Centre. All the whole time teachers of PG wing were deputed to Mathematics Department of the CUPG Centre. The Syllabus of Pure Mathematics, Calcutta University was followed. The new syllabus containing topics from both Pure and Applied Mathematics was introduced from 1978. On 02.10.1987 Tripura University was established and the Department of Mathematics, CUPG Centre merged with Tripura University with three whole time faculty members and 12 students. At present, the faculty of the Department is carrying out one major and three minor research projects sponsored by UGC.

Head of the Department : Dr. Sharmistha Bhattacharya (Halder)

Year of Establishment: 1976

Programmes on offer : M.Sc., PhD, Integrated Master Degree

Intake capacity : 50 (M.Sc.)

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Prof. Anjan Mukherjee	M.Sc, Ph.D.	Professor	Complex Analysis/Topology /Fuzzy topology/ Rough set theory/ Soft set theory	28years	06
Dr Sharmistha Bhattacharya Halder	MSc , PhD	Reader	Topology, Fuzzy Topology, Rough Set, Soft Set	13 years	07+02 (Cosupervisor)
Dr. Subrata Bhowmik	Ph.D.	Assistant Professor	Set Theory, Logic, Topology, Topological Algebra, Geometry.	10 years	02
Shouvik Bhattacharya	M.Sc.	Assistant Professor	Fuzzy logic, Fuzzy control, Algebra, C programming	7 years	
Dr. Shyamal Debnath	Ph.D	Assistant Professor	Functional Analysis	12 years (including UG)	03

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Dr. Md. Atikul Islam	Ph.D.	Tripura University	
Smt. Kalyani Debnath	M.Sc.	Tripura University	
Smt. Piyali Debnath	M.Sc.	Tripura University	

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3. Visiting Teacher/ Visiting Fellow :

Name	Institution
1.Prof. B.N.Mandal	ISI, Kolkata
2.Prof. D.K. Ganguly	University of Calcutta
3.Prof. U.C. De	University of Calcutta
4.Prof. S.Sen	University of Calcutta

4. Publication Details:

4.1 Books:

Department	All Authors in sequence	Title	Publishers	Year	ISBN No.
Mathematics	Anjan Mukherjee	Generalized Rough sets (Hybrid Structure and Applications)	Springer	2015(4 th June)	ISBN-10: 8132224574, ISBN-13: 978-8132224570
Mathematics	Anjan Mukherjee, Sharmistha Bhattacharya (Halder)	Fuzzy set and fuzzy Topology	Narosa Publication, New Delhi	(28 February 2015)	ISBN-10: 1842659014 ISBN-13: 978-1842659014
Mathematics	Sharmistha Bhattacharya (Halder), Subrata Bhowmik,	Proceedings: Rough Sets, Fuzzy Sets and Soft Computing	Narosa Publication, New Delhi	2015	978-81-8487-403-7
Mathematics	Shyamal Debnath Gour Pal RunuDhar	Degree Mathematics Vol-1	Progressive Publishers	2015	978-81-8064-211-1

4.2 Book Chapters:

Dept.	All Authors	Title of the Chapter	Editors	Name of the Book	Publishers	Year	ISBN No.
Mathematics	Anjan Mukherjee, Ajoy Kanti Das	1.Sequence, Nets and Filters of fuzzy soft multi sets in fuzzy soft multi topological spaces. (Chapter 9)	Dr. Sunil Jacob John	Generalized and Hybrid Structures and Applications for Soft Computing	IGI Global	2015.indexing to indices including Thomson Reuters, Scopus, Inspec, PsycINFO, Compendex, and more	13:9781930708303
	Anjan Mukherjee, AjoyKanti Das	2.Application of fuzzy soft multi sets in decision – making problems(chapter 3)	Smart Innovation, Systems and Technologies	ICACNI	Springer	2015	ISBN:978-81-322-2537-9

4.3 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Dept.	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Mathe matics	A. Mukherjee, ASaha, A.K. Das	1.Interval valued intuitionistic fuzzy soft set relations.	Annals of Fuzzy Mathematics and Informatics	7(4)	2014	563-577
	Anjan Mukherjee, SadhanSarkar	2.Similarity measures of interval valued fuzzy soft sets and their applications in decision making problems	Annals of Fuzzy Mathematics and Informatics	8(3)	2014	447-460
	Anjan Mukherjee, SadhanSarkar	3.Several Similarity measures of interval valued Neutrosophic soft sets and their applications in Pattern Recognition Problems.	Neutrosophic Sets and Systems	6	2014	54-60
	A. Mukherjee, MDatta, FlorentinSama randache, (Dept of Mathematics, University of New Mexico, USA)).	4. Interval Valued Neutrosophic Soft Topological spaces	Neutrosophic Sets and Systems	6	2014	17-26
	Anjan Mukherjee, SadhanSarkar	Similarity measures of interval valued intuitionistic fuzzy soft sets and their applications in Medical diagnosis problems.	New Trends in Mathematical Sciences.	2(3)	2014	159-165
Mathe matics	Anjan Mukherjee, SadhanSarkar	6.Several Similarity measures of Neutrosophic soft sets and its application in real life problems	Annals of Pure and Applied Mathematics	7(1)	2014	1-6.
	Anjan Mukherjee, AjoyKanti Das	7.Parameterized Topological Space Induced by Intuitioistic Fuzzy Soft Multitopological Spaces.	Annals of Pure and Applied Mathematics	7(1)	2014	7-12.
	Anjan Mukherjee , MithunDatta	8. Rough Interval-Valued Intuitionistic Fuzzy Sets.	Annals of Fuzzy Mathematics and Informatics	9(1)	2015	111-123
		9.Soft interval valued				

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Mathematics	AbhijitSaha, Anjan Mukherjee	intuitionistic fuzzy rough sets.	Annals of Fuzzy Mathematics and Informatics	9(2)	2015	279-292
	AnjanMukherjee, AK Das	10. Relations On Intuitionistic Fuzzy Soft Multi sets	Springer-VerlegBerline Heidelberg.	71	2015	607-614
	Anjan Mukherjee, SadhanSarkar	11.A new method of measuring similarity between two neutrosophic soft sets and its applications in pattern recognition problems.	Neutrosophic Sets and Systems	8	2015	70-76.
	Anjan Mukherjee, AjoyKanti Das	12. Some results on fuzzy soft multi sets.	International Journal on Cybernetics and Informatics.	4(1)	2015	51-65.
	Anjan Mukherjee, AbhijitSaha, AjoyKanti Das.	13.Soft sets combined with interval valued intuitionistic fuzzy sets of Type-2 and rough sets	New Trends in Mathematical Sciences	3(2)	2015	199-218
	Anjan Mukherjee , MithunDatta	14.Interval Valued Neutrosophic Soft Sets.	The Journal Of Fuzzy Mathematics(Los Angeles).	23(2)	2015	283-294
	AnjanMukherjee, MithunDatta, AbhijitSaha.	15. Interval Valued Neutrosophic Soft Set Relations	The Journal Of Fuzzy Mathematics(Los Angeles).	23(2)	2015	309-324
	Anjan Mukherjee, AjoyKanti Das	16. . Application of Level Soft Sets in Fuzzy Soft Multi Set Based Decision –Making Problems.	Int. J. Open Problems Compt. Math.	8(3)	2015	1-13.
	Anjan Mukherjee, AjoyKanti Das	17.Fundamentaltheory of sequences in intuitionistic fuzzy soft topological spaces.	International Journal of Advanced Research in Engineering and Applied Sciences International	4(6)	2015	40-48
	Anjan Mukherjee, AjoyKanti Das	18.An Application for Decision Making Based on Interval Valued Intuitionistic Fuzzy Soft Multi Sets.	Journal of Information Processing	9(2)	2015	84-92.

Mathe matics	Sharmistha Bhattacharya Halder and Kalyani Debnath	A study on attribute reduction by bayesian decision theoretic rough set models	Annals of Fuzzy Mathematics and Informatics	Volume 8, No. 6,	Dece mber 2014	913-920
	Sharmistha Bhattacharya Halder	A study on Bayesian Decision Theoretic Rough Set	International Journal of Rough Sets and Data Analysis, IGI Global, USA	1(1)	Jan.- June 2014	695-702
	Sharmistha Bhattacharya Halder and J. Tripathy	On IF Weakly Generalized Minimal Closed Set	The Journal of Fuzzy Mathematics, LosAngeles	, Vol 22, No 3,	2014	15-31
	Sharmistha Bhattacharya Halder and Kalyani Debnath	Attribute Reduction Using Bayesian Decision Theoretic Rough Set Models	International Journal of Rough Sets and Data Analysis, IGI Global, USA	1(1)	Jan.- June 2014	495-518
	Sharmistha Bhattacharya Halder and Md Atikul Islam	Text extraction from low contrast non uniform illuminated document images using mathematical morphology and fuzzy operator	Annals of Fuzzy Mathematics and Informatics,	V-7, No 3,	Marc h 2014	48-56
	Sharmistha Bhattacharya Halder and Gour Pal	Upper and Lower Rarely m_X - m_Y continuous Multifunction	Journal of New Results in Science	No 5	2014	319-329
	Sharmistha Bhattacharya Halder and Susmita Roy	On fuzzy m_X^* Oscillation and its application in image processing	Annals of fuzzy Mathematics and Informatics ,	Vol 7 , No 2,	Feb (201 4)	
Mathe matics	Shyamal Debnath Jayanta Debnath	On I-statistically convergent sequence spaces defined by sequences of Orlicz functions using matrix transformation	Proyecciones J. Math	33(3)	2014	277-285
Mathe matics	B.C.Tripathy Shyamal Debnath	On fuzzy b-locally open Sets in bitopological spaces	Songklanakar J. Sci. &Techol.	37(1)	2015	93-96
Mathe matics	Shyamal Debnath	On some I-convergent generalized difference	Proyecciones J. Math	34(2)	2015	137-145

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	Subrata Saha	sequence spaces associated with multiplier sequence defined by a sequence of modulli,				
Mathematics	Subrata Bhowmik	Concept Analysis with Interior and Closure Operators	The Journal of Fuzzy Mathematics	23(1)	2015	89-97

4.4 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Mathematics	Anjan Mukherjee	1. Mixed δ -semi pre fuzzy topological spaces	Bull. Cal. Math. Soc.	106(6)	2014	441-452.
	Anjan Mukherjee, Ajoy Kanti Das	2. Partially included intuitionistic fuzzy rough relations.	Bull. Of Kerala Mathematic Association.	11(2)	2014	175-182
	Anjan Mukherjee, Ajoy Kanti Das, Abhijit Saha	3. Theory of dense sets in intuitionistic fuzzy soft topological spaces.	Bull. Of Kerala Mathematic Association	12(1)	2015	87-95
Mathematics	Subrata Bhowmik	Fractional Action of a Group	Bulletin of Kerala Mathematics Association	10(2)	2014	191-197
Mathematics	Subrata Bhowmik	Some Algebraic Aspects with IC-Top. Spaces	Bulletin of Kerala Mathematics Association	11(1)	2014	1-9
Mathematics	Subrata Bhowmik	A Glimpse of Rule of Logic in Gautama's Naya-Sutra	Indian Journal of History of Science	49(1)	2015	50-51
Mathematics	Subrata Bhowmik	Interval Valued Binary Operations	Bulletin of Kerala Mathematics Association	12(1)	2015	1-9
Mathematics	Prasenjit Bal, Subrata Bhowmik	A Counter Example in Topology Star-Spaces	Bulletin of Kerala Mathematics Association	12(1)	2015	11-13

5. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
1. Mrs. Jhilli Chaudhuri	Study of some weak and strong fuzzy mapping in fuzzy bitopological spaces	Anjan Mukherjee	Awarded-2014

2.Mr. Abhijit Saha 3.Mr. Mithun Datta 4.Mr. Ajoy Kani Das 5.Mr. Sadhan Sarkar 6.Srijita Barman Roy 7.Sumanta Saha	and their applications. Intuitionistic fuzzy soft sets, rough soft set relations and their applications. Study of Some Hybrid Models to Solve Some Real Life Problems.	Anjan Mukherjee Anjan Mukherjee	Thesis Submitted Submitted for Public Seminar Registered(2012) Registered(2014) Registered(2014) Registered(2014)
Smt Jayanti Tripathy	A study on generalized IF m_x structure and its applications	Dr. S. Bhattacharya (Halder)	Awarded(2014)
Dr. Md. Atikul Islam	Study on some new fuzzy operator and its application in the field of image processing	Dr. S. Bhattacharya (Halder)	Awarded(2015)
Shouvik Bhattacharya		Dr. S. Bhattacharya (Halder)	Waiting for final viva
Purnendu Das		Dr. S. Bhattacharya (Halder)	Submitted his Thesis
Kalyani Debnath		Dr. S. Bhattacharya (Halder)	Submitted for public seminar
Piyali Debnath		Dr. S. Bhattacharya (Halder)	Submitted for public seminar
Amarjit Chanda		Dr. S. Bhattacharya (Halder)	Registered
Gour Pal		Dr. S. Bhattacharya (Halder)	Registered
Sumanta Saha		Dr. S. Bhattacharya (Halder) (Cosupervisor)	Registered
Srijita Barman Roy		Dr. S. Bhattacharya (Halder) (Cosupervisor)	Registered
Bimal Chandra Das	Studies on some generalized Triple sequence spaces	ShyamalDebnath	Registered
Chayya Gangwal	Rough Set Theory – Its Generalization and Applications	Prof. R.N.Bhaumik	Awarded

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		(Retired)	
Prasenjit Bal	Some Topological Properties with Selection Principle and Star Covering.	Dr. Subrata Bhowmik	Registered 2014

6. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No	Date	Title	Speakers
1	25-31 st March 2014	Workshop on Image processing	Prof Sankar Pal, Prof Ashish Ghosh, Prof. Pradipta Maji, etc ISI Kolkata
2	1-14 Dec., 2014	PEDAGOGICAL TRAINING FOR MATHEMATICS TEACHERS (PTMT)	Prof. G Santham, IIT Kanpur; Prof. Ajit Kumar, Institute of Chemical Technology, Mumbai; Prf. S. Somasundaram, M.S. University, Tamilnadu; Prof. P.S. Srinivasan, Bharatidasan University, Tamilnadu.
3	20 Jan, 2015	Special Lecture in Mathematics	Dr. Jaydeb Sarkar, ISI Bangalore
4	27-30 June, 2015	North-East Summer Workshop in Analysis and Probability(NE-SWAP)	Prof. T.S.S.R.Rao, Dr. B.V.R. Bhatt, Dr. Jaydeb Sarkar, ISI Bangalore and Prof. B. V. Rao, CMI, Chennai.
5	05.09.2015	Teacher's Day and Fresher's Welcome	-----

7. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
02	01	01

8. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Anjan Mukherjee	1.3rd International Conference on frontiers of Mathematics and applications (ICFMA-2014).	January 29-31,2014.	Department of Mathematics, The University of Burdwan	Invited talk.
	2. National conference on Ancient Indian Mathematics	Feb.,08-09, 2014	Tripura Mathematical Society	Delivered a talk on Vedic Mathematics

	3.5-day national workshop on optimization and fuzzy mathematics(NWOFM-2014).	September 9-13,2014	Department of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University	Invited talk, on Fuzzy rough sets, Chaireda Session.
	4.. International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 14).	6-9Nov.,2014	Antalya-Turkey.	Presented a talk entitled Some results on separation axiom in Mixed delta semi-pre fuzzy topological spaces.
	5.International Conference on Current Developments in Mathematics and Mathematical Sciences (ICCDMMS-2014).	December19-21,2014	Calcutta Mathematical Society.	Invited talk and Chaired a session.
Sharmistha Bhattacharya Halder	National conference on Ancient Indian Mathematics	Feb.,08-09, 2014	Tripura Mathematical Society	Cosmology in vedic period
Subrata Bhowmik	Int. Conference on Current Devl. in Maths and Math. Sci.	19-21 December, 2014	Calcutta Math Society, Kolkata	Generalized Rough Logic
Subrata Bhowmik	8 th Int. Conference on Math. Sci. for Advancement of Science & Tech.	21-23 Dec, 2014	Institute for Math, Bioinf., Inform. Tech. & Computer Sci, Kolkata	Topological Aspects of Generalized Rough Set with operators
Shyamal Debnath	ICRAPAM 2014 Turkey	06/11/2014 to 09/11/2014.	Istanbul Commerce University	Matrix transformation of statistically convergent sequences of interval numbers
Shyamal Debnath	ICCDMS2014	19-21, Decm,2014	CMS, Kolkata	Statistically Convergent Difference Sequence Spaces of Interval Numbers
Shyamal Debnath	ICRTMA	18-19 March,2015	Vidyasagar University	Regular matrix transformation on triple sequence spaces
Shyamal Debnath	ICFM	26-28 March, 2015	Gauhati University	Matrix transformation on

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				triple sequence spaces
Shouvik Bhattacharya	TMSR 2014	05-06 September, 2015	Deptt. Of Mathematics, Assam University	A New Technique for Analyzing a Fuzzy Rule Base and its Subsequent Reduction
Shouvik Bhattacharya	Orientation Programme, OP-118	20 April- 16 May, 2015	HRDC, HP University, Shimla	---
Prasenjit Bal	National Conference on Trends In Mathematical Science Research	5-6 th Sept., 2014.	Dept. of Maths, Assam University	Selectively Star-Lindelöf Spaces
Prasenjit Bal	Recent Advances On Applied Mathematics	20 th 21 Sept, 2014.	Dept. of Maths, National Inst. of Tech., Agartala	“Participated”

9. Major thrust area of research: Topology, Fuzzy Set Theory, Fuzzy Topology, Fuzzy Logic, Functional Analysis, Numerical Analysis, Soft Computing, Image Processing, Data Mining, Rough Set, Soft Set etc.

10. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

SET	5	GEN	2	ST	----	SC	1	OBC	1	Min	1
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11. On-going Research Projects in 2014-15

Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Anjan Mukherjee(P.I) and C0-P.I Sharmistha Bhattacharya (Halder)	U.G.C (Major Project)	On intuitionistic fuzzy topological space and its applications on data mining and decision making.	8.34	2010-2011	3years
Shyamal Debnath	CSIR	On I- statistically convergent sequences of fuzzy numbers	8.5	2.32	3 years

DEPARTMENT OF MICROBIOLOGY

Department of Microbiology established in September 2011, offers courses in Microbiology. The Department is equipped with basic infrastructural facilities, modern instruments, audio-visual system and computer facilities. Thrust areas of research include microbial ecology, food and pharmaceutical microbiology. The infrastructure available includes modern analytical equipments and internet access to all students. The Department of Microbiology is also well equipped to undertake research in frontier areas of Molecular Microbiology and to conduct microbiological and biochemical analysis of Environmental and Industrial samples.

Head of the Department : Dr. Bipin Kumar Sharma

Programmes on offer : M.Sc. and Ph.D.

Intake capacity : 15 for MSc

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Bipin Kumar Sharma	Ph.D.	Assistant Professor	Microbial ecology and Biochemistry	four years	Four
Dr. Arijit Bhattacharya	NET, Ph.D.	Assistant Professor	Cell biology and Infection biology (Host-Pathogen Interaction)	Five years	

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Dr. Prosun Tribedi	NET, Ph.D.	Calcutta University	1 years
Dr. Santanu Raychaudhuri	Ph.D.	Calcutta University	3years

3. Publication Details:

3.1 List of Publications in peer reviewed (International) Journals/ Books/ Proceedings:

Dept.	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Microbiology	Uma Sarkar, Bal Krishan Choudhary and Bipin Kumar Sharma	Vascular Arbuscular Mycorrhizal (VAM) Spore Diversity and Density Across the Soil of Degraded Forest and Rubber Plantation in Tripura, India in	American-Eurasian J. Agric. & Environ. Science	14 (10)	2014	1080-1088

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3.2 List of Publications in peer reviewed (National) Journals/ Books/ Proceedings:

Department	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Microbiology	Ramashanker, S. Deb and B. K. Sharma	Traditional healing Practices in North East India.	Indian journal of history of Sciences	50.2	2015	324-332

4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Mr. David Lalvohbika Kaipeng	Studies on bacterial pathogens affecting citrus crops of Tripura.	Dr. Bipin Kumar Sharma	F/TU/COE/Ph.D/10/MI CB/04/14
Mrs. Lovely Rahaman	Studies On Phytochemical Compounds As Possible Antibiofilm Agents Against Pneumonia Causing Bacteria	Dr. Bipin Kumar Sharma	F/TU/COE/Ph.D/10/MI CB/03/14
Ms. Salina Debbarma	Studies on Rhizosphere bacteria from rubber plantation for degradation of rubber	Dr. Bipin Kumar Sharma.	F/TU/COE/Ph.D/10/MI CB/01/14
Mr. Sushanta Ghosh	Studies on some antibiotic producing novel Frankia strains	Dr. Bipin Kumar Sharma	010033 of 2007-2008
Ms. Nandita Nath	Studies on traditional alcoholic beverages and associated yeast strain isolated from starter culture of major ethnic tribes of Tripura	Dr. Bipin Kumar Sharma	Yet to be registered
Ms. Monika Das	Studies on anticancer properties of phytochemicals extracted from some folk medicine based plants of Tripura	Dr. Bipin Kumar Sharma	Yet to be registered

5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	16th Feb 2015	Molecular approach to address the challenges of non-communicable diseases in human and viral disease in marine shrimp	Prof. Nripendranath Mandal, Division of Molecular Medicine, Bose Institute, P-1/12 CIT Scheme VIIM Kolkata - 700054

6. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
3	2	1

7. Major Instruments available in the Department: (above 2 lakhs)

- i. UV-VIS 1800 Spectrophotometer.
- ii. Sonicator.

- iii. Thermal cycler.
- iv. Cool Centrifuge.
- v. -80°C Freezer.

8. Conference/ Seminar/ Workshops/ Winter schools attended by students/ research scholars of the Department and submitted paper:

Name	Conference/ Seminar/ Workshop attended	Duration/ Date	Organized by	Title of the paper presented
Ms. Nandita Nath	National seminar on Biodiversity for sustainable development. <i>Presented a poster entitled "Isolation and characterization of yeast strains from fermented alcoholic beverages prepared by Debbarma & Orang tribe of Tripura."</i>	May 25-26,2015	Tripura university	Presented a poster

9. Major thrust area of research: Microbial Ecology, Bacterial biofilm formation and intervention strategies.

10. Details of Placement of a few Students:

Total	GEN	ST	SC	OBC	Min
Name of the students	Name of the Organization/ Dept.		Posts/ Designation	Average annual salary (in Rs.)	
Anubha Nath	Ramkrishna superspecialty Hospital, Bangaluru		Microbiologist	Rs 1,80,000	
Anindita Lodh	DBT Project /AGMC		JRF	Rs 1,58,400	
Prasenjit Debnath	DBT Hub, Tripura University		Project Trainee	Rs 60,000	
Anamika Roy	Don Bosco School, Khowai		Teacher	Rs 1,020,00	
Animesh Saha	ICMR Project, TMC, Agartala		JRF	Rs 3,31,200	
Biraj Sarkar	Ballyganje Science Project		JRF	Rs 3,00,000	
Nandita Nath	Tripura University		Phd Scholar availing UGC-RET Fellowship (yet to be registered)	Rs 96,000	
Monika Das	Tripura University		Phd Scholar availing UGC-RET Fellowship (yet to be registered)	Rs 96,000	

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11. Awards/Medals received by the students during academic year 2014-15:

Name of Students	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
Monika Das	Gold medal in MSc Microbiology applied for INSPIRE Fellowship	For the Session 2014-15	DST	Processing

13. On-going Research Projects in 2014-15

Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs.)	Grant received during the year	Tenure
Dr. Arijit Bhattacharya	UGC startup	Exploring the Impact of Triterpenoids on Integrity of Extracellular Matrix of Bacterial Biofilm	6 lakhs	2014	3 years
Mrs. Lovely Rehman	DST (Women Scientist scheme)	Evaluating quinazolines from the plant origin as possible antibiofilm agent against pneumonia causing bacteria	23 lakhs	2015	3 years

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DEPARTMENT OF MOLECULAR BIOLOGY & BIOINFORMATICS

The Department was established in 2012 with an aim to teach students at M.Sc. level and to actively engage in research and development in the areas of modern biology relevant to the region for its economic upliftment. The postgraduate curricula of the Department are based on the principle of providing fundamental knowledge needed to be conversant and competitive in the new, rapidly unfolding area of molecular biology and bioinformatics.

Head of the Department : Dr. Surajit Basak (In-charge) Year of Establishment: 2011

Programmes on offer : M.Sc. & Ph.D.

Intake capacity : 12

1. Fulltime Faculty Members : 3 (one on lien)

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Surajit Basak	Ph.D.	Assistant Professor	Genome analysis & Bioinformatics	3 years	1
Dr. Surajit Bhattacharjee	Ph.D.	Assistant Professor	Immunology, Cell biology and Host-Pathogen interaction	3 years	3
Dr. Jagdish Rai (on lien)	Ph.D.	Assistant Professor	Protein Science	3 years	

2. Guest Teachers/Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Dr. Subhasis Sarkar	Ph.D.	Calcutta University	1 Year

3. Publication Details:

3.1 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
Department Of Molecular Biology & Bioinformatics	R. Banerjee, A. Roy, S. Das, S. Basak	Similarity of currently circulating H1N1 virus with the 2009 pandemic clone: viability of an imminent pandemic	Infect Genet Evol.	32	2015	107-112
Department Of Molecular Biology &	P. Ray Choudhury, S. Basak, S.K. Sil	Host Based Specialization in <i>Aphis Gossypii</i>	J. Appl. Biosci.	41	2015	33-39

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Bioinformatics		Glover. Evidenced from DNA Barcode Studies from Tripura, North- East India				
Department Of Molecular Biology & Bioinformatics	Rudrapaul P, Sarman IS, Das N, De UC, Bhattacharjee S, Dinda B.	New flavonol methyl ether from the leaves of Vitex peduncularis exhibits potential inhibitory activity against Leishmania donovani through activation of iNOS expression.	Eur. J. Med. Chem.	87	2014	328- 35
Department Of Molecular Biology & Bioinformatics	Saha M, Sarkar S, Sarkar B, Sharma BK, Bhattacharjee S, Tribedi P.	Microbial siderophores and their potential applications: a review.	Environ Sci Pollut Res Int.		2015	
Department Of Molecular Biology & Bioinformatics	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 (<i>Oreochromis niloticus</i> L.).	J Environ Sci Health A Tox Hazard Subst Environ Eng.	50	2015	814- 23.
Molecular Biology & Bioinformatics	N Das, T Saha, S Bhattacharjee	A new biologically active ecdysteroid from the aerial parts of <i>Sida glutinosa</i>	Journal of Pharmacognosy and Phytochemistry	3 (5)	2014	73- 78

4. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

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 Potentiality of <i>Sterculia villosa</i> Roxb.	Dr. Surajit Bhattacharjee	Registered
Mr. Manash Chandra Das	Exploration of the effect of synthetic aminoximidofurazan derivatives and flavones group of natural compounds on biofilm formation by <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> including Host-immune modulation.	Dr. Surajit Bhattacharjee	Registered
Ms. Moumita Saha	Exploration of wound healing activities of <i>Dyospyros Montana</i> Roxb.	Dr. Surajit Bhattacharjee	Registered

5. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1	27-28 March, 2015	Fundamental Applications of Bioinformatics	Prof. T.C. Ghosh, Bose Institute, Kolkata. Dr. P. Bhadury, IISER, Kolkata. Dr. S. Chatterjee, Indraprastha University, Delhi.
2.	17 th - 18 th April 2015	CME:Immunology “IMMUNE RESPONSES AGAINST INFECTIOUS DISEASES”	Dr. D. N. Rao, AIIMS, New Delhi Prof. Syamal Roy, IICB, Kolkata Prof. Subrata Majumdar, Bose Institute, Kolkata Dr. Pawan Sharma, ICGEB New Delhi Prof. Nibhriti Das, AIIMS, New Delhi Prof. Sita Naik, SGPGIMS, Lucknow Prof. S. Baruah, Tezpur University, Tezpur Dr. Akhil Banerjee, NII New Delhi Dr. HK Prasad, AIIMS New Delhi Dr. DK Mitra, AIIMS New Delhi Dr. Satya N Das, AIIMS New Delhi Dr. Bhaskar Saha, NCCS, Pune Dr. Alpana Sharma, AIIMS New Delhi Dr. Santosh Kar, KIIT University, Bhubaneswar

6. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
2	1	1

7. Major Instruments available in the Department: Laminar Airflow Cabinet, PCR Machine, BOD Incubator, Refrigerator (-20°C).

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8. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Dr. Surajit Bhattacharjee	National Seminar on Recent Advances in Biotechnological Research in North East India: Challenges and Prospects.	27-29, Nov. 2014	Department of Molecular Biology and Biotechnology Tezpur University	Vitexin degrades the microbial quorum sensing traffic by destroying the quorum sensing phenomena.
Dr. Surajit Bhattacharjee	Young Investigator Meet 2015	27 th of March to the 1 st of April 2015	TIFR, DBT, Wellcome Trust DBT alliance, EMBO, India Bioscience, NCBS and Kashmir University	Exploration of in vitro antimicrobial and antibiofilm potentiality of Vitexin, a novel flavone isolated from <i>Vitex peduncularis</i> Wall (Verbenaceae).
Dr. Surajit Bhattacharjee	Science Academies' Refresher Course in Thin films and Nanoscience	04 – 18 May, 2015.	Department of Physics; Tripura University (A Central University)	
Dr. Surajit Basak	Workshop	15/07/2014 to 19/07/2014	Anna University, Chennai	NGS- Bioinformatics and Data Analysis
Dr. Surajit Basak	UGC-Orientation Program	15/12/2014 to 13/01/2015	UGC-Academic Staff College, Jadavpur University	
Dr. Surajit Basak	UGC-Refresher Course	11/06/2015 to 02/07/2015	UGC-Human Resource Development Centre, Manipur University	Advances in Chemistry, Biotechnology & Allied Disciplines.

9. Major thrust area of research:

- a) Genome Informatics
- b) Host-pathogen interaction

10. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

SET	1	GEN		ST		SC		OBC		Min	
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11. On-going Research Projects in 2014-15

Faculty of Department of Molecular Biology & Bioinformatics					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Dr. Surajit Basak	ICMR	In silico comparative genomics approach to study the dynamics in genome evolution of <i>Vibrio Cholerae</i>	22 lakhs	7.65 lakhs	Three years
Dr. Surajit Bhattacharjee	ICMR	Dectin 1 and Toll Like Receptors (TLR) at the interface of Beta Glucan and Macrophage interaction : a mechanistic study of Immunomodulatory activity of Beta glucan using Leishmaniasis as an immunosuppressive disease model.	37 lakhs	15.65 lakhs	Three years
Dr. Surajit Bhattacharjee	ICMR	Interaction of IL-18 and TF alpha I the modulation of Osteoprotegeri (OPG) in Subjects with Osteoporosis in Post-Menopausal Women.	19.8 Lakhs	12.6 Lakhs	Two years

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DEPARTMENT OF PHYSICS

The Department of Physics was established in the year 1990. Since then the department has taken several significant strides in academic, research and extension activities. With a faculty of five teachers and a band of dedicated research students, the department has kept pace with time in the development of syllabus, conducting researches through funded programmes and guiding Ph. D. students. The department has the reputation of producing large number of NET/SLET qualified students who are now working in various colleges and Universities. The Faculty Members published more than 88 research paper in peer reviewed international journals during last five years. At present departmental faculty members are engaged in projects having a total grant of about Rs. 263 lakhs from various central funding agencies viz. DST, ISRO, CSIR, DAE, UGC. including financial support under FIST program 2014. Departmental members have active research collaboration with 07 national and 06 international renowned research Institutions / Universities.

Head of the Department: Prof. Barin Kumar De Year of Establishment: 1990

Programmes on offer : M.Sc, Ph.D

Intake capacity : M.Sc -26 per semester, Ph.D as per availability

1. Fulltime Faculty Members : 06

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Barin Kumar De	PhD	Professor	Atmospheric science and Radio Communication	32 years (including 7 years UG experience)	05
Dr. Debajyoti Bhattacharjee	PhD	Professor	Thin films and Nanoscience	15 + years	04
Dr. Surya Chattopadhyaya	PhD	Associate Professor		13 years	02
Dr. Syed Arshad Hussain	PhD	Assistant Professor (stage-II)	Thin films and Nanoscience	12 years	04
Dr. Anirban Guha	PhD	Assistant Professor	Atmospheric science and Radio Communication	9 years	04
Dr. Ratan Das	PhD	Assistant Professor	Nanoscience and Nanotechnology	3 years	02

2. Publication Details:

2.1 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Dept.	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Physics	Pintu Debnath, Santanu Chakraborty, Subrata Deb, Jayasree Nath, Debajyoti Bhattacharjee & Syed Arshad Hussain*	<u>Reversible Transition between Excimer and J-Aggregate of an Indocarbocyanine Dye in Langmuir – Blodgett (LB) Films</u>	<u>The Journal of Physical Chemistry C</u> <u>ACS</u>	119 (17)	2015	9429–9441
Physics	JabaSaha, Arpan D. Roy, D. Dey, S. Chakraborty, D. Bhattacharjee & Syed Arshad Hussain*	<u>Investigation of Fluorescence Resonance Energy Transfer between Fluorescein and Rhodamine 6G</u>	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy Elsevier	149	2015	143–149
Physics	A. Sil, <u>Syed Arshad Hussain, D. Bhattacharjee</u>	<u>Adsorption of a water soluble cationic dye into a cationic Langmuir monolayer</u>	Journal of Physics and Chemistry of Solids Elsevier	80	2015	98–104
Physics	Santanu Chakraborty; Debajyoti Bhattacharjee; Honami Soda; M. Tominaga; Yasutaka Suzuki; <u>Jun Kawamata; Syed Arshad Hussain*</u>	<u>Temperature and Concentration dependence of J – aggregate of a cyanine dye in a Laponite film fabricated by Langmuir – Blodgett technique.</u>	Applied Clay Science Elsevier	104	2015	245–251
Physics	. MituSaha, S. A. Hussain, D. Bhattacharjee	<u>Interaction of nano- clay platelets with a phospholipid in presence of a fluorescence probe.</u>	Molecular Crystals and Liquid Crystals Taylor & Francis	608	2015	198–210
Physics	Dibyendu Dey, Debajyoti Bhattacharjee, Arpan D Roy, JabaSaha, Santanu	<u>Development of a sensor to study the DNA conformation using molecular</u>	SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy	136	2015	1797–1802

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	Chakraborty, <u>Syed Arshad Hussain*</u>	<u>logic gates</u>	Elsevier			
Physics	<u>Syed Arshad Hussain*</u> , Dibyendu Dey, Sekhar Chakraborty, JabaSaha, Arpan Datta Roy, Santanu Chakraborty, Pintu Debnath, D. Bhattacharjee	Fluorescence Resonance Energy Transfer (FRET) sensor	ScienceJet . Invited Review article	4	2015	119
Physics	Dibyendu Dey, JabaSaha, Arpan Datta Roy, D. Bhattacharjee, Sangram Sinha, P. K. Paul, Santanu Chakraborty, <u>Syed Arshad Hussain*</u>	<u>Sensing of DNA conformation based on change in FRET efficiency between laser dyes</u>	Sensors and Actuators B: Chemical Elsevier	204	2014	746–753
Physics	J. Bhattacharjee, <u>Syed Arshad Hussain</u> , D. Bhattacharjee	Effect of Nano clay platelets and DNA on controlling the H-dimer of Oxazine 4 Perchlorate (OX4) in LbL film	Applied Physics A Springer	116	2014	1669-1676
Physics	P. Ortega, A. Guha, E. Williams and G. Satori	Schumann Resonance observations from the Central Pacific (Tahiti)	Proceedings of the XVth International Conference on Atmospheric Electricity (ICAE 2014) 15-20 June, Norman, Oklahoma, U.S.A Organised by International Commission on Atmospheric Electricity	Proceeding	2014	O-10-05
Physics	A. Guha, E. Williams, R. Boldi, G. Satori, T. Nagy, J.	Schumann Resonance spectral	Proceedings of the XVth International Conference on	Proceedings	2014	O-09-03

	Montanyà and P. Ortega	characteristics: A useful tool to study Transient Luminous Events (TLEs) on a global scale	Atmospheric Electricity (ICAE 2014) 15-20 June, Norman, Oklahoma, U.S.A Organised by International Commission on Atmospheric Electricity			
Physics	R. Boldi, E. Williams and A. Guha	Spectral analysis of the daily Rhode Island Schumann resonance data	Proceedings of the XVth International Conference on Atmospheric Electricity (ICAE 2014) 15-20 June, Norman, Oklahoma, U.S. A Organised by International Commission on Atmospheric Electricity	Proceedings	2014	P-10-14
Physics	E. Williams, A. Guha, R. Boldi, G. Satori, R. Markson, A. Koloskov and Yuri Yampolski	Global Circuit Response to the 11-Year Solar Cycle: Changes in Source or in Medium?	Proceedings of the XVth International Conference on Atmospheric Electricity (ICAE 2014) 15-20 June, Norman, Oklahoma,U.S.A, Organised by International Commission on Atmospheric Electricity	Proceedings	2014	P-10-13
Physics	A. Choudhury, B. K. De, A. Guha and R. Roy	Long duration geomagnetic storm effects on the D region of the ionosphere: Some case studies using VLF signal	Journal of Geophysical Research (Space Physics), (American Geophysical Union)	Vol. 120	2015	778–787
Physics	J. Bhattacharya, B. K. De and A. Guha,	Characteristic studies on solar X-ray flares and solar radio bursts	Bulgerian Journal of Physics, The European Geophysical	41(3)	2014	239-250

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		during descending phases of solar cycles 22 and 23,	Society			
Physics	U. R. Gogoi, M. K. Bhowmik, P. Saha, D. Bhattacharjee, B. K. De	Facial Mole Detection: An Approach towards Face Identification	Proceedings of International Conference on Information and Communication Technologies (ICICT 2014, Kochi 3-5 December) Elsevier	46	2015	1546-1553
Physics	P. Saha, D. Bhattacharjee, B. K. De, M. Nasipuri	An Approach to Detect the Region of Interest of Expressive Face Images	Proceedings of International Conference on Information and Communication Technologies (ICICT 2014, Kochi 3-5 December) Elsevier	46	2015	1739 – 1746
Physics	D. Saha, M. K. Bhowmik, B. K. De, D. Bhattacharjee	A Survey on Imaging Based Breast Cancer Detection	Proceedings of 4th International Conference on Soft computing for Problem Solving ('SOCPROS' 2014), Springer	1	2014	255-266
Physics	K. Das, M. K. Bhowmik, B. K. De	Background Subtraction Algorithm For Moving Object Detection Using SAMEER-TU Dataset	Proceedings 4th International Conference on Soft computing for Problem Solving ('SOCPROS' 2014) Springer	1	2014	279-291

2.2 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Dept.	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
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Physics	S. Banik, Dibyendu Dey, D. Bhattacharjee and Syed Arshad Hussain*	of Hysteresis during pH and Temperature Changes of Acriflavine: A Gateway to Optrode	Invertis Journal of Science and Technology,	7	2014	1-8
Physics	B. K. De, M. Chakraborty, R. Roy and A. Guha,	Midrange Periodicity of Basal Component of Solar Radio Flux during the Extended Solar Minimum of Cycle 23-24	Bulletin of Astronomical society of India, <i>Astronomical Society of India</i>	42	2014	1-17

3. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Dr. Santanu Chakraborty	Spectroscopic characterizations of some organic molecules in presence and absence of nano-dimensional clay sheets in restricted geometry of ultra-thin films	Syed Arshad Hussain	Awarded
Dr. Dibyendu De	A comparative study of Fluorescence Resonance Energy Transfer (FRET) in solution phase and in hybrid films prepared by LB and LBL techniques	Syed Arshad Hussain	Awarded
Mr. Pintu Debnath	Study of molecular aggregates of cyanine dyes in ultra-thin films	Syed Arshad Hussain	Registered
Ms Jaba Saha	Study of Fluorescence Resonance Energy Transfer (FRET) and its sensing applications	Syed Arshad Hussain	Registered
Mr. Arpan Datta Roy	Biological applications of Fluorescence Resonance Energy Transfer	Syed Arshad Hussain	Registered
Mr. Apurba Saha	Some studies on the propagation of a long distant low frequency signal in relation to Climatic and Geophysical events.	Prof. Barin Kumar De	Viva Voce Completed
Mrs. Monti Chakraborty	Studies on some solar Activity Parameters and their influence on Total Electron Content.	Prof. Barin Kumar De	Theses submitted
Ms. Joyasree Bhattacharjee	Fabrication of organised molecular assemblies in ultra-thin films and its photo-physical investigations.	D. Bhattacharjee	Registered
Ms. Mitu Saha	Investigations of the organization of the Bio-molecules at the air-water interface and in the ultra thin films.	D. Bhattacharjee	Registered
Mr. Ashis Shil	Spectroscopic and Morphological Characteristics of hybrid Langmuir monolayer at the air-water interface and on the Solid substrates.	D. Bhattacharjee	Registered

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Ms. Soma Banik	Adsorption of water soluble ionic molecules into the template Langmuir monolayer at the air-water interface and in ultra thin films.	D. Bhattacharjee	Registered
Mr. Sumit Sarkar	Synthesis of a few Anisotropic Noble Metal Nanocrystals with the Study of their Optical Properties and their Suitable Applications.	Dr. Ratan Das	Registered
Smt. Priya Saha	Studies on Facial Expression Recognition Techniques based on Visual and Infrared Thermal Face Images	Supervisor : Prof. Barin Kumar De Department of Physics Tripura University (A Central University & Co-supervisor: Prof. Mita Nasipuri Computer Science & Engineering Department Jadavpur University	Registered

4. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
10	6	4

5. Major Instruments available in the Department:

(i) Major instruments available in Thin Film & Nanoscience Laboratory:

Instruments for Thin Film Preparation:

- a) Fluorescence Imaging Microscope attached with Langmuir-Blodgett film deposition instrument (Apex Instruments, India)
- b) Langmuir-Blodgett film deposition instrument (Apex Instruments, India)
- c) Automatic computer controlled Dip coater (Apex Instruments, India)
- d) Programmable Spin Coater (Apex Instruments, India)
- e) Vacuum deposition unit (HindHiVac)

Instruments for Characterizations:

- a) Brewster Angle Microscopy attached with Langmuir-Blodgett film deposition instrument (Accurion, Germany)
- b) Atomic Force Microscope (Inova, Bruker)

- c) Fluorescence spectrophotometer (Perkin Elmer)
- d) UV-Vis absorption spectrophotometer (Perkin Elmer)
- e) UV-Vis NIR absorption spectrophotometer (Perkin Elmer)
- f) UV-Vis absorption spectrophotometer (Shimadzu)
- g) FTIR Spectrophotometer (Perkin Elmer)
- h) Millipore water purification system (Millipore)
- i) Keithley source meters (constant current source, nano- voltmeter, I-V source meter)

(ii) Major instruments available in Earth Environment and Solar Terrestrial Physics Laboratory:

- a) World Wide Lightning Location Network (WWLLN),
- b) ENTLN (Earth Network Total Lightning Network),
- c) Electric Field Monitor (EFM), Aethalometer,
- d) Microtops Sun Photometer,
- e) Automatic Weather Station (AWS),
- f) GPS Dual Frequency Receiver (GSV 400B),
- g) LEMI 30 ELF Antena, LD-350,
- h) Multi wavelength Radiometer (MWR),
- i) Radimeter, SOFTPAI VLF receiver,

6. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Dr. Syed Arshad Hussain	Recent Trends of Research in Physics (NCRTRP-2015)	23-24 th July, 2015	Women's College, Agartala.	FRET based sensor (Invited Lecture)
Dr. Anirban Guha	International Conference on Atmospheric Electricity (ICAE 2014)	15 th -20 th June 2014	NOAA/National Severe Storms Laboratory and the College of Atmospheric and Geographic Sciences of the University of Oklahoma	Schumann Resonance spectral characteristics: A useful tool to study Transient Luminous Events (TLEs) on a global scale
Dr. Debajyoti Bhattacharjee	Recent Trends of Research in Physics (NCRTRP-2015)	23-24 th July, 2015	Women's College, Agartala.	Chair a session
Dr. Ratan Das	DBT Star College scheme for Invited Talk	14 th March, 2015	Srikihsan Sarda College.	Nanophysics and Nanotechnology (Invited talk)
Dr. Ratan Das	Natonal Seminar On Frontiers of Research in Physical Sciences	19-21 September, 2014	Karimganj College, Assam	Mechanical Properties of Anisotropic Silver Nanocrystals.
Dr. Ratan Das	Winter School-2014	1-5 th	JNCASR,	Elastic Properties of

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	On Frontiers in Materials Sciences	December, 2014	Bengaluru.	Anisotropic Silver Nanocrystals.
Sumit Sarkar	Natonal Seminar On Frontiers of Research in Physical Sciences	19-21 September, 2014	Karimganj College, Assam	Elastic Properties of Silver Nano-hexapod
Sumit Sarkar	The first International Conference on Emerging Materials: Characterization & Application EMCA-2014	4 th -6 th , December, 2014	CSIR-CGCRI, Kolkata.	Williamson Hall plot analysis of the XRD result of synthesized silver nano-cubes for the determination of their elastic properties.
Pintu Debnath	International Conference	4 th -6 th Dec, 2014	CSIR-CGCRI, Kolkata	Formation of J-aggregate in Langmuir-Blodgett film and reversible switching behaviour between J-aggregate and Excimer

7. Major thrust area of research:

- A. **Thin film and Nanoscience:** Organo-clay hybrid, FRET, Biosensor, Biomimetic Surfaces, Langmuir films.
- B. **Earth Environment and Solar Terrestrial Physics Laboratory :** Lower and Upper atmospheric lightning climatology study through VLF, ELF radio signal, Schumann Resonance, Solar Cycle study, Geomagnetic activity studies. Ionospheric study with the help TEC data, Earth quake, Aerosol radiative forcing study, Net radiation study, Aerosol Optical depth study, Vertical Electric field study using EFM monitor, Cyclonic lightning study using WWLLN.
- C. **Nanophysics and Nanotechnology Research Lab :** Synthesis of Metal and semiconductor Nanocrystals and study of their mechanical and optical and magnetic properties with their different applications.

8. New initiatives/Innovations:

- (i) Fractal Studies of lightning
- (ii) FRET based sensors
- (iii) Elastic properties of Nanomaterials

9. No of students qualified NET/SET in the Academic year 2014-15 from the Department:

SET		GEN	02	ST		SC		OBC		Min	
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10. On-going Research Projects in 2014-15

Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Prof. Barin Kumar De	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.

DEPARTMENT OF PHARMACY

The Department of Pharmacy was established in 2011 with the goal of postgraduate education and research training in pharmaceutical sciences. The primary objective of the Department of Pharmacy is to develop programmes relevant to current global standards and challenges of pharmaceutical education and research. The Department of Pharmacy also endeavors for excellence in research to develop novel therapeutics for contemporary health problems. The courses emphasize effective use of modern science databases and scientific writing techniques. The programs are designed to provide professional job opportunities for students in pharmaceutical industry and academia in India and worldwide.

Head of the Department : Mr. Rajat Ghosh Year of Establishment: 2011

Programmes on offer : i) Master of Pharmacy in Pharmaceutical Chemistry
ii) Doctor of Philosophy (Ph.D) in Pharmacy

Intake capacity : 10 (Ten)

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Mr. Rajat Ghosh	M.Pharm	Assistant Professor	Pharmaceutical Chemistry	4 years	
Dr. Kuntal Manna	Ph.D, M.Pharm, B.Pharm, DISM	Assistant Professor	Medicinal and Pharmaceutical Chemistry & CADD	More than 12 years	02

2. Publication Details:

2.1 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Dept.	All Authors	Title	Name of the Journal/Magazine	Vol.	Year	Page No.
Pharmacy	Rajat Ghosh*, Katon Darin, Panchali Deb	Presence of Organic Impurities into Active Pharmaceutical Ingredients: A Review.	International Journal of Pharmaceutical Sciences and Research.	5(10)	2014	4066-4096

3. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
06	03	03

4. Major Instruments available in the Department: UV-1800 SHIMADZU, Hot Air Oven, Micro oven (godrej), Rotary evaporator.

5. 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 attended	Duration/Date	Organized by	Title of the paper presented
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UGC-Sponsored Refresher Course	“Advances in Chemistry, Biotechnology & allied disciplines”	from 11 June to 2 July, 2015	UGC-HRDC, Manipur Central University, Imphal-795003	NA
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6. Major thrust area of research:

- Discovery and characterization of novel macromolecular drug targets.
- Structure-based design and development of potential drugs using medicinal and bioorganic chemistry approaches.
- Natural product-based discovery and characterization of new chemical entities as potential drugs.
- Estimation of APIs and formulated drugs as per Pharmacopoeias (IP, BP, USP and Others).
- Application of modern analytical methods and quality assurance principles in pharmaceutical research.

7. New initiatives/Innovations: Department of Pharmacy applied for AICTE approval.

8. Details of Students' Placement known to the Department:

Total	06	GEN	02	ST	03	SC	00	OBC	01	Min	00
Name of the students	Name of the Organization/Dept.		Post/ Designation		Average annual salary (in Rs.)						
Punam Gowala	Hospital Pharmacist under GOT		OBC		1,68,000						
Abhijit Das	Child development project officer		General		3,07,200						
Marinan Reang	Hospital Pharmacist under GOT		ST		1,68,000						
Susmita Debbarma	Hospital Pharmacist under GOT		ST		1,68,000						
Rituparna Nandi	QC Chemist in Natural Remedies		General		2,50,000						
Kuheli Debbarma	Hospital Pharmacist under GOT		ST		1,68,000						

9. On-going Research Projects in 2014-15

Faculty of Pharmacy					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Dr. Kuntal Manna	UGC, New Delhi	<i>‘Chalcones and their derivatives: Design, synthesis and evaluation of various applications’</i>	6.00 lakhs	2013	2 years
Dr. Kuntal Manna	DST, New Delhi	<i>Development of calixarene-based drugs: Design, synthesis/formulation and potential pharmacological applications</i>	26.00 lakhs	2014	3 years

DEPARTMENT OF STATISTICS

The Department of Statistics was established in 2011. However, the Department started offering Post-graduate course and PhD from the academic year 2012-2013 and from the year 2013-2014 respectively. The M.Sc. Statistics course is intended to provide a platform for students to undergo higher studies in the subject as well as to train them according to the needs of the industry, academics and higher competitive examinations. This course aims at training the students in the development and applications of statistical techniques for analyzing data arising in the scientific investigation of problems in various disciplines by using different statistical software.

Head of the Department : Samrat Hore

Year of Establishment: 2011

Programmes on offer : M.Sc, IMD, Ph.D.

Intake capacity : M.Sc. – 12, IMD – 10.

1. Fulltime Faculty Members :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Prasenjit Sinha	MSc, Jt. CSIR-UGC NET(JRF), Ph.D.	Assistant Professor	Actuarial Statistics	05	01
Samrat Hore	MSc, Jt. CSIR-UGC NET(JRF), SET	Assistant Professor	Optimal Design of Experiments	03	
Dr. Priyaranjan Dash	MSc, MBA, MPhil, Jt. CSIR-UGC NET, PhD	Assistant Professor	Sampling Methods, Stochastic Process and Multivariate Analysis	15	01

2. Publication Details:

2.1 List of publications in peer reviewed Journals/ Books/ Proceedings published outside India (International):

Dept.	All Authors	Title	Name of the Journal/ Magazine	Vol.	Year	Page No.
Statistics	Prasenjit Sinha	A Markovian study of no claim discount system of Insurance Regulatory and Development Authority and its application.	Thailand Statistician	12(2)	2014	223-236
Statistics	Samrat Hore, Anup Dewanji, Aditya Chatterjee	Design issues related to allocation of experimental units with known covariates into two treatment groups.	Journal of Statistical Planning and Inference	155	2014	117-126
Statistics	Priyaranjan Dash	Comparison of some almost unbiased ratio estimators	International Research Journal of Engineering and Technology	2 (4)	2015	767-772

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3. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Priyanka Talukdar	Some Statistical Investigations Of Life Insurance In India	Dr. Prasenjit Sinha	Registered
Ratul Chakraborty	Some Statistical Techniques For The Analysis Of Precipitation Data of Odisha	Dr. Priyaranjan Dash	Registered

4. Seminar/ Conference/Workshops/Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1.	13 th -15 th Sept, 2014	Second Workshop On Official Statistics.	Dr. Prasanta Pathak (ISI, Kol), Dr. Sandip Mitra (ISI, Kol) Prof. D.C.Nath (Guwahati Univ), Prof.M.P.Bezbaruah(G.U)

5. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
01	00	01

6. Major Instruments available in the Department: Desktop Computer, Printer, Scanner.

7. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Priyanka Talukdar (Research Scholar)	Development Strategies, Issues & Challenges In North-East India With Special Reference to Southern Part Of Assam.	14 th -15 th Feb, 2015	Dept. of Economics, Karimganj College, Assam	A Study on Infant Mortality & Associated Factors

8. Major thrust area of research: Sampling Methods, Stochastic Process, Multivariate Analysis and Optimal Design of Experiments.

9. On-going Research Projects in 2014-15

Faculty of STATISTICS					
Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Dr. Priyaranjan Dash	UGC-Start Up	A Statistical Study on Socio Environmental Issues of Workers in The Brick Industries of Tripura	06	2014	2 Years

DEPARTMENT OF ZOOLOGY

The Department of Zoology was established on 12th June 2007 by a trifurcation of the pre-existing Department of Life Science. At present the Department is actively engaged in teaching and research in diverse fields of Zoology including insect biosystematics, insect physiology and biochemistry, endocrinology, fisheries and earthworm biology and ecology. The Department presently offers specializations in the field of ecology and biodiversity and fisheries. The department has facilities including sophisticated microscopes, electrophoretic system, gas chromatography, PCR system, lyophilizer and fraction collector. The Department also hires services of Regional Sophisticated Instruments Centre and Shillong for works on electron microscope. The Department admits 25 students in PG Degree course in Zoology while the admission of Ph.D. students depends on the number of vacancies as well as their performance in the eligibility test. At present, the Department is working on enhancing its area of the research activities in the field of molecular phylogeny of biodiversity since the state of Tripura belongs to biodiversity hot-spot identified by Government of India.

Head of the Department: Professor D. Ghosh

Programmes on offer : M.Sc., Ph.D.

Intake capacity :25/semester

1. Fulltime Faculty Member :

Name	Qualification	Designation	Specialization	No. of years of teaching experience	No. of existing Ph.D. Scholars under his/her supervision
Dr. Durgadash Ghosh	Ph.D.	Professor	Insect Physiology & Biochemistry	35	01
Dr. Basant K. Agarwala	Ph.D., FZS, FAS, FISBC, FWAST	Professor	Insect Biodiversity & Ecology	34	02
Dr. Sukanta Banik	Ph.D., FZS, FBBS	Professor	Aquaculture Biotechnology	25	04
Dr. Priyasankar Chaudhuri	Ph.D., FZS, FSAS	Professor	Earthworm Biology & Ecology	32	05
Dr. Shiv Shankar Singh	Ph.D.	Asstt. Professor	Endocrino-immunology	05	02

2. Guest Teachers/ Contract Teachers:

Name	Qualification	Institution	No. of years of teaching experience
Dr. Arkadeep Mitra	M.Sc., Ph.D.		

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3. Publication Details:

3.1. Books:

Department	All Authors	Title	Publishers	Year	ISBN No.
Zoology	P. S. Chaudhuri & S. M. Singh (Editors)	Biology and Ecology of Tropical Earthworms	Discovery Publishing House Pvt. Ltd., N. Delhi	2014	978-93-5056-509-4

3.2. Book Chapters:

Dept.	All Authors	Title of the Chapters	Book Editors	Name of the Book	Publishers	Year	ISBN No.
Zoology	B.K. Agarwala	Role of Phenotypic Plasticity in Diversification of Insects, pp.1-12	V.V. Ramamurthy & S. Subramanin	Invited Lectures – Natl. Symp. Entomology as a Science and IPM as a Technology – the Way Forward	Entomological Society of India, New Delhi	2014	
	A. Dey & P.S. Chaudhuri	Application of species accumulation curve, non-parametric richness estimators and rarefaction curves for sampling optimization, quantification and comparison of earthworm species richness in pineapple and mixed fruit plantations of West Tripura	P.S. Chaudhuri & S.M. Singh	Biology and Ecology of Tropical Earthworms	Discovery Publishing House Pvt. Ltd., N. Delhi	2014	978-93-5056-509-4
	S. Nath & P.S. Chaudhuri	Biological activities of earthworm species of rubber plantation under laboratory conditions	P.S. Chaudhuri & S.M. Singh	Biology and Ecology of Tropical Earthworms	Discovery Publishing House Pvt. Ltd., New Delhi	2014	978-93-5056-509-4

3.3. List of publication in peer reviewed journals (published outside of India)/ Books/ proceedings:

Dept.	All Authors	Title	Name of the Journals/ Magazine	Volume	Year	Page No.
Zoology	B.K. Agarwala	Comparison of oviposition and larval development of <i>Leptosianina</i> Fabricius (Lepidoptera: Pieridae) on two different food plants in different seasons.	Lepidoptera Science (Japan)	65 (3)	2014	128-135
	B.K. Agarwala, H.V. Ghate and P.P. Bhattacharjee	Redescription of <i>Imantocerapenicillata</i> Hope and <i>Eutaeniacorbeti</i> Gahan (Coleoptera: Cerambycidae), with records of host plants from India.	The Coleopterist Bulletin (USA)	68 (4)	2014	1-8
	R. Lodh and B.K. Agarwala	Inventory of butterfly fauna (Lepidoptera: Rhyalocera) of Tripura, India in the Indo-Myanmar biogeographical zone, with records of threatened taxa	Check List the Journal of Biodiversity Taxa (Brazil)	11 (2): 1591	2015	1-37
	J. Majumder, K. Majumder, P.P. Bhattacharjee and B.K. Agarwala	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 the Journal of Biodiversity Taxa (Brazil)	11 (2): 1611	2015	1-11
	J. Majumder and B.K. Agarwala	<i>Calotesemma</i> Gray, 1845 (Squamata: Agamidae): range extension and new addition to the reptilian fauna of Tripura, northeast India	Check List the Journal of Biodiversity Taxa (Brazil)	11 (2): 1562	2015	1-11
	B.K. Agarwala and P.P. Bhattacharjee	Redescription of <i>Aristobiareticulator</i> (F., 1781) (Coleoptera: Cerambycidae: Lamiinae), with a	The Coleopterist Bulletin (USA)	69 (2)	2015	205-212

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		Taxonomic Note and Record of a New Food Plant for Adults in Northeastern India				
	S. S. Singh, P. Laskar and S. Acharjee	Age- and sex-dependent effect of exogenous melatonin on expression pattern of melatonin receptor (MT1 and MT2) proteins in spleen of mice.	Biological Rhythm Research (UK)	46	2015	403-415

3.4. List of Publications in peer reviewed (Published in India) Journals/Books/Proceedings

Department	All Authors	Title	Name of the Journals/ Magazine	Volume	Year	Page No.
Zoology	J. Majumder, P.P. Bhattacharjee and B.K. Agarwala	Dragonflies and Damselflies (Insecta: Odonata) of Tripura, Northeastern India with a pictorial catalogue	Journal of Threatened Taxa	6 (14)	2014	6683-6702
	J. Majumder and B.K. Agarwala	Notes on the distribution, habitat, and behavior of Northern Tree Shrew <i>Tupaia belangeri</i> (Mammalia: Scandentia: Tupaiidae) in Tripura, India	Journal of Threatened Taxa	7 (1)	2015	6841-6842
	D. Ghosh, M. Sarkar, A. Datta, G. Bhattacharjee and P.S. Chaudhuri	Preliminary studies on analysis of coelomic fluid of giant octochaetid earthworm, <i>Eutyphoeus gammiei</i> (Beddard)	International Journal of Biology and Pharmaceutical Research	5(12)	2014	983-987
	A. Shyam Roy and D. Ghosh	Ultrastructure, solubilisation and protein composition of eggshell (chorion) of <i>Gesonulapunctifrons</i> (Stal, 1861) (Orthoptera: Acrididae)	Journal of Entomological Research Society	16(3)	2014	45-54
	A. Shyam Roy and D. Ghosh	Chorion is a complex structure of protein and polysaccharide - a microscopical study in <i>Oxyahylahyla</i> (Orthoptera: Acrididae) (serville, 1831).	Journal of Entomology and Zoological Studies	2(2)	2014	144-150
	S Banik and S	Survival and growth rate of	Proceedings of	DOI	2014	1-8

Malla	larval <i>Ompok pabda</i> (Hamilton-Buchanan, 1822) of Tripura, India: related to efficient feed	Zoological Society Springer	10.1007/s12595-014-0111-x		
S Banik and S Saha	Digestive Enzyme and food biochemistry of <i>Puntius ticto</i> (Hamilton, 1822) under natural habitat of Tripura, India	Bio-journal	9 (1)	2014	33-41
S Banik and R. Ray	Effects of climate change on the occurrence of <i>Chitala chitala</i> (Hamilton-Buchanan, 1822) in Tripura	International Journal of Fisheries & Aquatic studies	2 (2)	2014	249-255
S Malla and S. Banik	Reproductive biology of an endangered catfish <i>Ompokbimaculatus</i> (Bloch, 1794) in the lotic waterbodies of Tripura, North-East India	International Journal of Fisheries & Aquatic studies	2 (4)	2015	251-260
S. Acharjee and S. S. Singh	Expression of heat shock proteins (HSP70 & HSC70) and responsiveness of melatonin receptors (MT1& MT2) in spleen of Swiss albino mice subjected to hyperthermic stress condition	International Journal of Pharma and Bio Sciences	5(4)	2014	(B) 801-814.
P. Laskar, S. Acharjee and S. S. Singh	Effect of exogenous melatonin on thyroxine (T4), thyrotropin (TSH) hormone levels and expression patterns of melatonin receptor (MT1 and MT2) proteins on thyroid gland during different age groups of male and female swiss albino mice.	Advances in Bioresearch	6	2015	7 – 14
P. Laskar and S. S. Singh	Melatonin receptor (MT1 and MT2) proteins expression in thyroid gland and level of thyroxin (T4), thyrotropin (TSH) hormone during progression of age in male swiss albino mice.	Journal of Biological and Scientific Opinion	3	2015	1 - 6
S. Acharjee and S. S.	Melatonin and thermal stress regulate differential	Indian Journal Pharmaceutical	3(1)	2015	36 - 47

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	Singh	expression of heat shock proteins and melatonin receptors in spleen of mice.	and Biological Research			
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4. Ph.D. Scholars registered/ Thesis submitted/ awarded during the academic year 2014 – 2015

Name of Scholars	Research Topic	Name of Guide	Registered/ Thesis submitted/ Awarded
Ms. Arpita Shyam Roy	Microscopical and biochemical study of eggshells of grasshoppers <i>Oxyahylahyla</i> and <i>Gesonulapunctifrons</i> (Orthoptera: Acrididae).	Prof. D. Ghosh	Awarded
Ms. Aparajita Singh	Biology and aquaculture of Aar, <i>Aorichthys aor</i> (Hamilton, 1822) with reference to its conservation.	Prof. S. Banik	Registered
Ms. Dipanwita Banik	Neurosecretory system and its role in regeneration and reproduction of epigeic, endogeic and anecic species of earthworms in Tripura (India).	Dr. P. S. Chaudhuri	Registered
Mr. Singh Kwark Santua Jamatia	Earthworm resource and its community characters in the areas of tea plantation in Tripura.	Dr. P. S. Chaudhuri	Registered
Ms. Papri Das	Neuro-secretory components of the central nervous system in top-soil endogeic earthworm, <i>Pontoscolexcorethrurus</i> under natural and stress conditions.	Dr. P. S. Chaudhuri	Registered

5. Seminar / Conference/ Workshops/ Symposia Lecture/ Talk/ Cultural Programme organized by the Department:

Sl. No.	Date	Title	Speakers
1.	29.04.2015 to 01.05.2015	Workshop on “Applied Chemical Zoology”	Dr. D. Bhattacharya Dr. B. Keshan

6. Teaching Laboratory/ Research Laboratory:

Total No. of Lab (A+B)	No. of Teaching Lab (A)	No. of Research Lab (B)
06	01	05

7. Major Instruments available in the Department:

1. Fluorescence Microscope
2. Binocular with auto zoom facility

3. Thermocycler
4. Gel Documentation System
5. CO2 Incubator
6. Gas Chromatography
7. Fraction Collector
8. Lyophilizer
9. High Speed Refrigerated Centrifuge
10. Leica microtome

8. Conference/ Workshops/ Winter school attended by the students/ research scholar/ faculty of the Department

Name	Conference/ Seminar/ Workshop attended	Duration	Organized by	Title of the paper presented
J. Majumder, SRF	First Meet of Himalayan Young Researchers	14-16 September 2014	G.B. Pant Institute of Himalayan Research, Education and Development	Diversity of Butterflies of Tripura
B.K. Agarwala	Natl. Symp. Entomology as a Science and IPM as a Technology – the Way Forward	14-15 November, 2014	The Entomological Society of India, New Delhi	Role of Phenotypic Plasticity in Diversification of Insects
Professor S Banik	National Seminar on Biodiversity Conservation in North-East	February 2015	Holy Cross College	Chaied a Session: Fisheries & Aquaculture
Dr. P.S.Chaudhuri	International Conference on effect of Climate change on biodiversity in Tropics	1-4 January, 2015	JNU, Delhi & International Society of Tropical Ecology, BHU	Community characteristics of Earthworms under Bamboo Plantations in Tripura
Dr. S. S. Singh	International Conference on Frontiers in Comparative Endocrinology and Neurobiology	25 – 28 November 2014	Department of Animal Science, School of Life Science, University of Hyderabad	Effect of dexamethasone on melatonin receptor expression and humoral immune response in laboratory mice.

9. Major Thrust areas

- i. Insect Taxonomy and Biodiversity
- ii. Conservation of Endangered Fish species of North-East
- iii. Development of Captive breeding technology for Threatened fish species of freshwater habitat.
- iv. Rearing technology in Aquaculture for Enhancing Survival of Cannibalistic fish larvae.
- v. Insect Biochemistry: Characterization of different ovarian proteins and enzymes of insect origin and molecular phylogeny of Acridids of Tripura.

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- vi. Vermitechnology: In soil and ex soil earthworm technology, reproductive biology of earthworm in relation with vermicomposting and vermitechnology.
vii. Molecular Endocrinology: Study of hormone interactions and immune-modulation.

10. New initiatives /innovations

- i. Inventory of Longhorned beetles of Tripura
- ii. Inventory of Moths of Tripura
- iii. DNA bar coding of butterflies and ladybird beetles of Tripura
- iv. Introduction of Lecture Notes to the First Semester students, 2015
- v. Conservation strategy for Endangered fish species *Ompokbimaculatus* & *Ompokpabda*

11. No. of students qualified NET/ SET in the academic year 2014-2015

SET	03	GEN	02	ST	--	SC	01	OBC	--	MIN	--
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12. On-going Research Projects in 2014-2015

Principal Investigator	Funding Agency	Title of the Project	Total Grant (Rs. in Lakhs)	Grant received during the year (Lakhs)	Tenure
B.K. Agarwala	ICAR, New Delhi	National Project on Insect Biosystematics	18.00	4.65	Till March, 2017
S. Banik	DST, New Delhi	Reproductive physiology and biology of an economically important and near threatened fish <i>Chitala chitala</i> of Tripura : steps for Conservation.	39.39	16.99	2014-2016
P. S. Chaudhuri	UGC, New Delhi	Diversity Ecology and role of Earthworms in Pineapple Plantations in Tripura,	12.00	3.0	2013 – 2015
S. S. Singh	CSIR, New Delhi	Role of melatonin and its receptors in immunomodulation by hypothalamo-hypophyseal-adrenocortical axis in physically stressed mice	20.00	3.60	2012– 2015

13. Any other achievement during (July 2014 – June 2015) :

P. Bhattacharjee, S. Banik, N. Roy, J. Choudhury, J. Parhi and A. Baruah. 2015. *Ompokpabo* mitochondrial cytochrome oxidase I gene, partial cDNA sequence submitted to GenBank. Accession No. KJ854442.1

Part-4:
Centres

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CENTRE FOR STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY (CSSEIP)

The political history of Tripura in the last three decades provides a case study of how terrorism and insurgency feed on underdevelopment, and, in turn, create circumstances of insecurity and exclusion that impede the process of human development. The Centre for Social Exclusion and Inclusive Policy (CSSEIP) has been established in Tripura University in the month of April, 2008, with adequate infrastructure and necessary logistics. To make the Indian society truly egalitarian, the institution of higher learning needs to address the issue of social exclusion and inclusion. The primary space where 'Exclusion' can be studied, understood and first transcended are the Universities which, can and must act as a beacon for society. The UGC has therefore decided to support research on the issue of social exclusion which has theoretical as well policy significance. The focus of such research is social exclusion related to *dalit*, tribal and religious minorities. The idea is to establish a Teaching-cum-Research Centre in Tripura University to pursue this noble cause.

Head of the Department	: Prof. K. N. Jena
Year of Establishment	: 2008
Programmes on offer	: Post Graduate Diploma in Tribal & Ethnic Study (PGDTES) and Ph. D. in collaboration with other Deptt.
Intake capacity	: 20

1. Fulltime Faculty Members : 02

Name	Qualification	Designation	Specialization	No. of years of teaching 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	Population Study and Human Resource Development	18 years	04

2. Publication Details:

2.1 Books:

Department	All Authors in sequence	Title	Publishers	Year	ISBN No.
CSSEIP	Dr. Rajesh Chatterjee Dr. Nanigopal Debnath Prof. K. N. Jena	Social Exclusion : A Multi-Dimensional Analysis	Lakshi Publisher, New Delhi	2015 (in press)	

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2.2 Book Chapters:

Department	All Authors	Title of the Chapter	Book Editors	Name of the Book	Publishers	Year	ISBN No.
CSSEIP	Prof. K. N. Jena	Genesis and Prognosis of Inter Tribal Conflict in NE India	Prof. R. K. Satpathy, NEHU, Shillong	Globalisation and Traditional System in India	Lakshi Publisher, New Delhi	Nov, 2014	
		Multiculturalism and Identity Dilemma: A Study in Tripura	Pankaj Chakraborty	Governance in Multicultural Societies: Issues and Challenges	Excel India, New Delhi	Nov, 2014	9-789383-842605

2.3 List of publications in peer reviewed Journals/ Books/ Proceedings published in India (National):

Department	All Authors	Title	Name of the Journal/ Magazine	Volume	Year	Page No.
CSSEIP	Dr. Rajesh Chatterjee	Challenges and Prospects of Self Help Groups towards Entrepreneurship Development: A SWOT Analysis	Journal of Knowledge Management & Information Technology (JKMIT)	Vol-1, Issue-2 ISSN: 2349-3135	2014	1-10

3. Ph.D. Scholars registered/Theses submitted/ awarded during the academic year 2014-15:

Name of Scholars	Research topic	Name of Guide	Registered/Theses submitted/ Awarded
Sri Pankaj Chakraborty	Decentralization, Panchayat Samiti and Development Planning: A case study of Tripura	K N Jena	Registered (Public Seminar completed)
Sri C. P. Mina	Violation and Protection of Human Rights and Role of Security Forces	K N Jena	Registered
Sri Amit Kr. Deb	Impact Assessment of Factors Effecting the Growth of Rural Micro Entrepreneurship: A Study on Tripura	Rajesh Chatterjee	Synopsis submitted to the 1 st RAC

4. 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 attended	Duration/ Date	Organized by	Title of the paper presented
Prof. K. N. Jena	Invited lecture in national seminar	7-8 th Feb, 2015	Langtarai Valley College, Tripura	Ambedkar and social justice
	Invited lecture in international seminar	27-28 th June, 2015	CSSEIP, Manipur University	Deprivation, marginalization and social exclusion in NE state of India
	Invited resource person in ICSSR sponsored workshop	21-23 rd March, 2015	Dept. of Education, TU	Qualitative research, preparing a research proposal and preparing research report

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	Invited lecture and chairperson in international seminar	25 th -26 th June, 2015	Dept. of peace and conflict studies, Sikkim University	Relooking at India's look east policy and acting upon it thorough conflict resolution in NE India
	Invited lecture and chairperson in national seminar		DDE, Tirupati University, Tirupati	Dr. B. R. Ambedkar and social inclusion
	Invited lecture		Dept. of Politics and public administration, University of Madras	Changing face of global politics: a transition from visible to invisible
	Invited lecture and chairperson in national workshop	27-28 th Sept, 2014	IIDS, JNU, New Delhi	Inequality revisited: methodology, theory, evidence and policy
	Invited lecture and chairperson in national workshop	Nov, 2014	IPSA, University of Hyderabad	Ethnicism and identity politics in India
	Invited lecture	17-18 th , Jan, 2015	IDOL, University of Mumbai	Trend and temper of Distance Education in India
	Invited lecture	May, 2015	NCTE, New Delhi organized at Guwahati University	Teachers education through ODL Mode
	Participated in a Directors conference		CSSEIP, JNU, New Delhi	Social exclusion and inclusive policy
Dr. Nanigopal Debnath	Attended UGC-ASC Orientation Program	4 th July, 2014 to 31 st July, 2014	The University of Burdwan, Burdwan(WB)	UGC-ASC Orientation Program (Tribal People in India)
	Paper presented in the 16 th Annual Conference of NEEA and national seminar	8-9 January, 2015	North East Economic Association (NEA)	Social Exclusion in Tripura: A Historical Perspective
	Paper presented in the national seminar	23-24 May, 2015	Economic Science Society of Tripura (ESSOT)	Social Exclusion in Tripura: A Multi-Dimensional Analysis
Dr. Rajesh Chatterjee	invited lecture as special guest	31st Aug, 2014	VHAT TRIPURA	"social security of women in India"
	invited lecture as special guest	28th Aug, 2014	Digital Empowerment Foundation	eNGO & Tripura
	Invited as Resource Person on a Training Programme	22/08/2014	SIPARD, Agartala	Planning and Execution of Work under MGNREGA
	Invited as Resource Person on Micro Entrepreneurship Development for Rural Bankers	19th January, 2015	NIRD, Hyderabad at SIPARD, Agartala	SHG-Bank Linkage under sponsored programmes

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	Invited as Resource Person on a training course on Sanitation & Water Quality Treatment	19th Sept, 2014	SIPARD, Agartala	Role of Panchayat in sanitation & Water
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5. Major thrust area of research: Social Exclusion & Inclusion, Rural Institutions.

6. New initiatives/Innovations: Attached with the National Companies under CSR programme

7. Awards/Medals received by the Teachers during the academic year 2014-15:

Name of Teacher	Name of Awards/Medals	Date of Award	Awarding Agency/Institution	Remarks
	Award of Excellence	18 th January, 2015	IDEA Conference, Mumbai University	

8. On-going Research Projects in 2014-15

Principal Investigator	Funding Agency	Title of the project	Total Grant (Rs. in Lakhs)	Grant received during the year	Tenure
Dr. Nanigopal Debnath	ICSSR, MHRD, New Delhi	An Inquiry into the Causes and Consequences of Social Exclusion: A Study of Tripura	6,2500.00	Rs. 3,05,550/-	2 yrs
Dr. Rajesh Chatterjee	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	11,23,600/-	Rs. 5,00,000/-	6 Months

WOMEN'S STUDIES CENTER

Brief information of the Centre

- Year of establishment: September, 2011
- Course offered: PG Diploma in Women's Studies to be introduced from the academic session 2015-2016
- Faculties position: Advertised for two teaching posts

Committee and Staff Pattern

Name of the Committee : Advisory Committee

Total Members : 7

Name of the Committee: Standing Committee

Total Members : 5

Director: 1

Existing Staff : 2

- i. Research Assistant – 1
- ii. Attendant- 1

Activities of the Centre :

- Introducing Diploma Course in Women's Studies
- Organising Seminars, Conferences and Workshops on Women and Gender related issues
- Innovative training programmes for specific target groups like Academicians, Elected representative of PRIs and Social Activists
- Undertaking independent research on implementation of various govt. sponsored schemes in relation to women beneficiaries

Publications of the Centre

Books:

Title: Women's Rights as Human Rights in India: Problem and Paradoxes

Published by: Axis Book Pvt. Ltd., New Delhi, 11022

ISBN:978-93-82835-20-2

Monographs

- i. Intimate partner violence against women admitted in the maternity ward of Agartala Govt. Medical College
- ii. Nature and Extent of Disability among Women & their awareness level regarding the rehabilitation measures: A study in Tripura (West)

Research Studies/Documentation conducted by the Centre

Research Studies : 9 Documentations: 5

1st, 2nd and 3rd Volume of Biannual Newsletter have been published in the University Website

**Seminars/ Workshops/Orientation Programmes/
Talks conducted by the Centre:**

Seminar :5	Training/Workshop :4
Interaction programme :1	Orientation Programme :1
Panel Discussion :1	Talk :4
Awareness Generation Programme :3	

Future Plans

Teaching:

- PG Diploma in Women's Studies

Research & Documentation:

- Women-Labour issues
- Documentary film on women achievers in Tripura

Training:

- Free Computer Skill Development Programme for Rural Girl Student.

Part – 5:
Directorate of Distance Education

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DIRECTORATE OF DISTANCE EDUCATION

Director (I/c): Prof. K.N. Jena [upto 06.04.2015]

Year of establishment: 1996

Dr. K.B. Jamatia [w.e.f. 07.04.2015]

Programmes of Offer: M.A. (Education, Bengali, Political Science), B.Ed., B.A., Certificate in Human Rights (CHR)

Present Position of DDE Staff				
Director	Asst. Director(i/c)	Lecturer	Office Staff	Total
1	1	3	18	23

Academic and Administrative Staff		
Name	Qualification	Designation
Dr. K.B. Jamatia	M.A, Ph.D	Director
Dr. Anuj Kanchan Datta Roy	M.A., M.Phil, Ph.D	Assistant Director (i/c) (Examination & Academic)
Dr. Swapna Biswas	M.A., M.Phil, Ph.D	Assistant Professor
Smt. Rupasree Debnath	M.A, NET-JRF	Assistant Professor
Sri Abhijit Das	M.A, SET	Assistant Professor

Teaching Support		
Particulars	Part-time	Full-time
Academic Counselor	46	Nil

Resource Persons from Other Institutions	
Name	Institution
Prof. Ranju R. Dhamala	Dean, Jadunath Sarkar School of Social Sciences, Assam University (A Central University), Silchar, Assam
Prof. Jivan Kumar	Professor, Department of Political Science, Bangalore University, Bangalore
Prof. Kandarpa Das	Director, IDOL, Gauhati University
Prof. Ramu Manivannan	Department of Politics and Public Administration, University of Madras

Conference/Tanning Programmes Organized by DDE		
Name	Conference/Seminar/Workshop	Duration/Date
Observance of 'Good Governance Day' on the Birth Anniversary of Sri Atal Bihari Vajpayee, Former Prime Minister of India.	Seminar on 'Use of Technology and Innovations in Promoting Good Governance and Oratory (Bhaashan Shailee) Competition'	23 rd September, 2014
Special Lecture	Special Lecture on " Human Rights: Universalism and Cultural Relativism Debate" by Prof. Ranju R. Dhamala, Dean, Jadunath Sarkar School of Social Sciences, Assam University (A Central University), Silchar	27 th November, 2014

**Part – 6:
Other Facilities**

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 full fledged University named Tripura University by virtue of an enactment in the Tripura Legislative Assembly & started functioning as a Tripura University on and from 2nd 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 2nd July 2007. The Library holds a 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 weeks 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 2014-15 is 5017, which comprise 4225 students, 250 research scholars, 152 permanent faculty, 275 non-teaching staff including officers, 115 Guest Lecturers.

On an average, around 450 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 with limited 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

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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 hall, 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 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 e-books have already been downloaded by the University community.

B. Online E-Journal: About 8000 online e-journals and 10 databases cover 22 publishers through UGC INFONET consortium. 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.

5.2. PRINT RESOURCES

The Library possesses a number of 122242 books to enter the needs of the 40 subjects and discipline. The 3491 books were added during the year 2014-15.

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. Professional Assistant	: 02
D. Library Attendant (unskilled)	: 04
E Other unskilled supporting staff	: 16

7. READERS' SERVICES

7.1. **Daily Newspapers and Popular Magazines:** The Library has subscribed 18 Newspaper and 7 popular Magazines for the year 2014-15. During the year around 85000 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 11000 users utilized the facility. 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. Interlibrary loan
- xiii. Circulation services
- xiv. Paper cutting services on request
- xv. Ten dedicated computers for online/ offline resources
- xvi. Binding services
- xvii. Reading room for NET/SET and other competitive examinations

9. A. BRANCH LIBRARY

The Library has two separate branches which are as follows:

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- i. 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. Through UGC INFONET e-Journal consortium, the library provides online access to about 8000 online journals and 10 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. It may be mentioned here that Tripura University was ranked 90th among the Indian Universities in respect of usage of e-journals and database in 2013 under UGC INFONET programme. Like previous year, the students, teachers, research scholars are using INFONET 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.

10. PROGRAMME ORGANIZED DURING THE YEAR 2014-15.

The following programmes are organized by Central Library of Tripura University during the year 2014-15:

- i. Celebration of Rabindranath Tagore's Birthday on 9th May 2014.
- ii. Celebration of Sardar Vallabhbhai Patel on 31st October 2014 along with a Book exhibition.
- iii. Celebration of Swami Vivekananda's Birthday on 12th January 2015.
- iv. Celebration of Netaji Subhash Chandra Bose Birthday on 23rd January 2015.

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 fiber 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 Centers spread over Library building, Academic building-II, Academic building-VI, Academic building -X and Academic building-XI. The Computer Center 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 Center. The Computer Center introduced virtual class rooms where teacher can take class and record the program and upload in Tripura University Online Video Library.

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.

Tripura University Sports Board has conducted the following Inter College Tournaments in the year 2014-15:

1. VIII Inter College Football (Men) Competition organized by GDC, L.T. Valley, Dhalai w.e.f. 3rd Sept. to 8th. Sept. 2014. A total of 22 Colleges participated in the Competition.
2. VIII Inter College TT, Judo, Yoga (Men & Women) & Volleyball (Men) Competition in collaboration with Department of Physical Education, T.U. w.e.f. 25th Sept. to 27th Sept., 2014. A total of 20 Colleges participated in the Competition.
3. VIII Inter College Athletics (Men & Women) Competition in collaboration with Department of Physical Education & TUSB w.e.f. 21st November to 23rd November, 2014. A total of 20 Colleges participated in the Competition.

Participation In East Zone / All India Inter University Competition

(A) Foot Ball Men team of Tripura University participated in East Zone Inter University Football Competition organized by Mizoram University w.e.f. 20th Oct. to 25th Oct., 2014. T.U. Team secured 3rd position in East Zone Inter University Competition & participated in All India Inter University Competition organized by LNIPE, Gwalior w.e.f. 29th December, 2014 to 3rd January, 2015.

(B) Volleyball Men team participated in East Zone Inter University Volleyball Competition, organized by KIIT University, Bhubaneswar w.e.f. 27th Sept. to 1st Oct., 2014

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(C) Athletics (Men) team of our University participated in All India Inter University Competition, organized by Rajib Gandhi University of Health Sciences at Alva's Educational Foundation, Moodibari, Karnataka.

(D) University Cricket (Men) team participated in East Zone Inter University Competition organized by Veer Bahadur Singh Purbanchal University, Jaunpur.

(E) Table Tennis (Men & Women) team participated in East Zone Inter University Competition organized by KIIT University, Bhubaneswar w.e.f. 27th Sept. to 1st Oct., 2014.

(F) T.U. Judo (Men & Women) team participated in All India Inter University Judo Competition, organized by GNDU. Amritsar w.e.f. to 30th January to 6th February, 2015.

(G) T.U. Weight Lifting (Men) team participated in the All India Inter University Weight Lifting Competition, organized by Punjab Technical University, Jalandhar w.e.f. 6th January to 9th January, 2015.

(H) T.U. Yoga (Men & Women) team participated in All India Inter University Competition, organized by Kurukshetra University. Result of our Yoga team (Men) 26th position out of 65 Universities & (Women) 30th position out of 60 participating Universities.

Tripura University Sports Board has been entrusted with the responsibility of organizing East Zone & All India Inter University Volleyball (Men) Tournament, 2015-16 by Association of India University.

UNIVERSITY HEALTH CENTRE

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

The Health Center is equipped with oxygen, nebulizer, sterilizer and other basic equipments that are essential for primary healthcare.

Unfortunately some valuable medical equipments were lost due to a fire incident that broke out at the Health Center in the month of April 2015 and the University authority has decided to provide ECG machine, oxygen concentrator and some other equipments immediately as replacement. The Tripura University Health Center is open from morning till night for providing healthcare. Two medical officers and nurses provide their regular services at the Health Center instilling confidence in the university family.

Part-7:
University Finances and Annual Accounts

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INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2015

(Amount in Rupees)

<u>PARTICULARS</u>	Schedule	Current Year	Previous Year
INCOME			
Academic Receipts	9	37448964.00	38975292.00
Grants / Subsidies	10	392119449.80	340561784.40
Income from Investments	11	37917610.00	-
Interest Earned	12	6757871.00	-
Others Income	13	10888028.29	41030989.00
Prior Period Income	14	-	-
TOTAL (A)		485131923.09	420568065.40
<u>EXPENDITURE</u>			
Staff Payment & Benefits (Establishment expenses)	15	293095254.00	270085934.00
Academic Expenses	16	32767667.00	28256471.00
Administrative and General Expenses	17	43013531.50	32365913.00
Transportation Expenses	18	3116362.00	1992228.00
Repair & Maintenance	19	20065535.00	7742368.00
Finance Cost	20	61100.30	118870.40
Depreciation	4	62893022.00	13077957.00
Other Expenses	21	-	
Prior Period Expenses	22	-	
TOTAL (B)		455012471.80	353639741.40
Balance being excess of Income over Expenditure (A-B)		30119451.29	66928324.00
Transfer to / from Designated Fund			
Building fund			
Others (specify)			
Balance Being Surplus/(Deficit) Carried to Capital Fund		30119451.29	66928324.00

Significant Accounting Policies 23

Contingent Liabilities and Notes to Accounts 24

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BALANCE SHEET AS AT 31ST MARCH, 2015

(Amount in Rupees)

SOURCES OF FUND	Schedule	Current Year	Previous Year
CORPUS/ CAPITAL FUND	1	1787622886.51	1663020751.63
DESIGNATED / EARMARKED/ ENDOWMENT FUNDS	2	54261977.33	61905764.69
CURRENT LIABILITIES AND PROVISIONS	3	336682496.62	384988065.65
TOTAL		2178567360.46	2109914581.97

APPLICATION OF FUND	Schedule	Current Year	Previous Year
<u>FIXED ASSETS</u>	4		1280822443.60
Tangible Assets		334763032.61	-
Intangible Assets		60099893.58	-
Capital Work-In-Progress		980537387.00	-
<u>INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS</u>	5	-	-
Long Term			
Short Term			
INVESTMENTS - OTHERS	6	-	-
CURRENT ASSETS	7	383484482.51	691728392.61
LOANS, ADVANCES & DEPOSITS	8	419682564.76	137363745.76
TOTAL		2178567360.46	2109914581.97

Significant Accounting Policies	23
Contingent Liabilities and Notes to Accounts	24

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST MARCH, 2015

RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year	Previous Year
I. Opening Balances			I. Expenses		
a) Cash in Hand	-	-	a) Establishment Expenses	283097866.00	337854978.40
b) Bank Balances			b) Academic Expenses	32975667.00	
i) In current accounts	3655003.00	3655003.00	c) Administrative Expenses	50200905.50	
ii) In deposit accounts	557594057.00	447271988.00	d) Transportation Expenses	3116362.00	
iii) Savings accounts	130479332.61	246182798.08	e) Repairs & Maintenance	20065535.00	
			f) Finance Cost	61100.30	
II. Grants Received			g) Prior Period Expenses	-	
a) From Government of India including UGC	376102000.00	600714880.00	II. Payments against Earmarked/Endowment Funds		
b) From State Government		792850.00		18936552.00	
c) From other sources		263968.00	III. Payments against Sponsored Projects/Schemes		20050970.62
III. Academic Receipts	37448964.00	39503972.00	IV. Payments against Sponsored Fellowships/Scholarships	1005710.00	
IV. Receipts against Earmarked/Endowment Funds			V. Investment and Deposits made		
(previous year receipts is included in Sr. No. II)			a) Out of Earmarked/Endowments funds		
V. Receipts against Sponsored Projects/Schemes	24996668.00	-	b) Out of funds (Investment - Others)		
(previous year receipts is included in Sr. No. II)			VI. Term Deposits with Scheduled Banks		
VI. Receipts against Sponsored Fellowships/Scholarships	2962300.00	-	VII. Expenditure on Fixed Assets and Capital Works - in - Progress & Advances		
(previous year receipts is included in Sr. No. II)			a) Fixed Assets	157470891.59	120846300.65
VII. Income from Investment from Earmarked/Endowments funds			b) Capital Work - in - Progress	-	176037111.00
a) Earmarked/Endowments funds			c) Advance on Capital A/c	287434842.00	
b) Other Investment			VII. Other Payments including statutory payments	71840522.00	
VIII. Interest received on			(previous year expenditure is included in Sr. No. XI)		
a) Bank Deposits	66388281.00	11637276.00	IX. Refund of Grants	3313073.00	4408060.00
b) Loans & Advances			X. Deposits and Advances		
c) Savings Bank Accounts	8236916.00	-	XI. Other Payments	46705245.00	99392814.00
IX. Investments encashed			XII. Closing Balances		
X. Term Deposit with Schedule Banks encashed			a) Cash in Hand		
XI. Other income (including Prior Period Income)	10888028.29	-	b) Bank Balances		
XII. Deposit and Advances			i) In current accounts	3104021.00	3655003.00
XIII. Miscellaneous Receipts including Statutory Receipts	77599828.00	100295892.20	ii) Savings accounts	207726058.51	130479332.61
XIV. Any Other Receipts	63353736.00		iii) In deposit accounts	172654403.00	557594057.00
TOTAL	1359708753.90	1450318627.28	TOTAL	1359708753.90	1450318627.28

Part-8:
Affiliated Colleges under Tripura University

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AFFILIATED GENERAL DEGREE COLLEGES OF TRIPURA UNIVERSITY

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

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AFFILIATED PROFESSIONAL COLLEGES OF TRIPURA UNIVERSITY

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

Overall Total No. of Students Admitted under various colleges: **41, 010** Nos.

Boys: 22, 528 Nos. and Girls: 18, 482 Nos.

**Part-9:
Year-Round Activities**

Students' Activities

The revival of the Tripura University Cultural Festival that took place in 2013 has now become a regular annual celebration in the university. Christened as 'Udbhaas' meaning an enlightened and the radiant bloom, this annual extravaganza is a much awaited programme among the university family. The very fact that education should empower a person both in body and in mind and that it should aspire towards a holistic development of the human personality through academic and co-curricular domains has been the focus of the university and Udbhaas has been a major step in this direction. Udbhaas is a time for opening up of minds long cramped in the claustrophobia of syllabus and schedules, texts and tests. It is a space for happiness both within and without. The ennobling patronage and constant support of Prof. Anjan Kumar Ghosh, Hon'ble Vice Chancellor, Tripura University has been the prime mover in this venture as in many others. Emboldened by sponsors such as Springer and Elsevier, maestros and performing artists volunteers, press and media, as well as the entire university family with their untiring support Udbhaas 2013 turned a huge success showcasing performances of Dohar and Cactus, Riddhi Bandopadhyay, Kartik Das Baul, Pt. Bhubanesh Konkali and the tabla-khol duo of Burman Bros. before a swaying and ever-growing crowd. The tradition was maintained in Udbhaas 2014 which was proud to present Baul Tarun Khyapa, Srabani Sen of Rabindrasangeet fame, Sandeepan Banerjee of Bengali golden melodies and the top favorite Dohar again. Interspersed throughout the 5 days with Interdepartmental and Inter-college competitions, where contingents from all affiliated colleges of the university participate, the Fest recorded 3000 footfalls every day in both the years. The sense of freedom and happiness that Udbhaas ushered in was a happy shower after a drought of long six years. One significant achievement of this annual fest has been to acknowledge and felicitate the artists and performers from this state whose life long dedication to their art has been instrumental in putting this small hilly state in the music map of the country. This aesthetic cause has been a humble tribute of the university towards them. Accordingly in Udbhaas 2013, we felicitated Saudagar Debbarma who has kept the ethnic musical string instrument Chongpreng alive with his deft magic fingers and Dr. Padmini Chakraborty of Bharat Natyam fame. In Udbhaas 2014, the university felicitated Smt. Sukhini Debbarma, one of the few surviving performers of the ethnic vocal musical form Jadu Kolija or Jaduni and Sri Shibaprasad Dhar listening to whom generations in this state have grown up. The commitment of this university towards the art, culture, tradition and heritage of this state finds expression in Udbhaas.

The NSS unit, Tripura University started its journey in 1992. In 2013-14, NSS Unit, Tripura University organised awareness programmes on HIV/AIDS, seminars, symposiums and so on. These include Sensitisation Programme for Strengthening the Red Ribbon Club (RRC) on 25th March, 2013 (an MoU has also been signed with the Red Ribbon Club of State AIDS Control Society, Tripura), sending garments and donations to Uttarakhand Flood Victims along with Mohona, Ladies Club, Tripura University on 2nd July, 2013, Voluntary Blood Donation Camp, Body & Eye Donation & Eradication of Thalassaemia on 21st August 2013, Training Programme on "Motivation of Youth for Inspiring Rural Reconstruction" on 13th March, 2014, collection of funds for Armed Force Day from the students and faculty remembers and officials on exchange of "Armed Force Day" stamps, organizing rallies on different themes such as Save Tree, Save Society, Women Empowerment, HIV/AIDS, Drinking Water, Cleaning and Sweeping and so on.

The Sports Board of Tripura University that came into existence in 2007 has been organising Annual Sports including inter departmental tournaments in various events like football, cricket, volleyball, Judo, Table Tennis, Carom and athletics among the affiliated colleges under Tripura University and has participated in East Zone/ All India Inter University competitions with the university contingent. Indoor games such as Table Tennis, Carom etc. The years 2013-14 have continued with this tradition.

The vision and mission of imparting quality and meaningful education for nurturing healthy and dynamic mind and body has been the guiding force for the university in organizing students'



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activities throughout the year. In spite of a compact and intense semester system in operation, the large number of student participants in these activities and programmes vouchsafe for their success. The huge sea of humanity swaying to the tunes of a popular band belting out favorite tunes or the very academic bibliophile donating blood for a cause is not only a happy sight, but also foretells a not so bleak future.

Photo Gallery



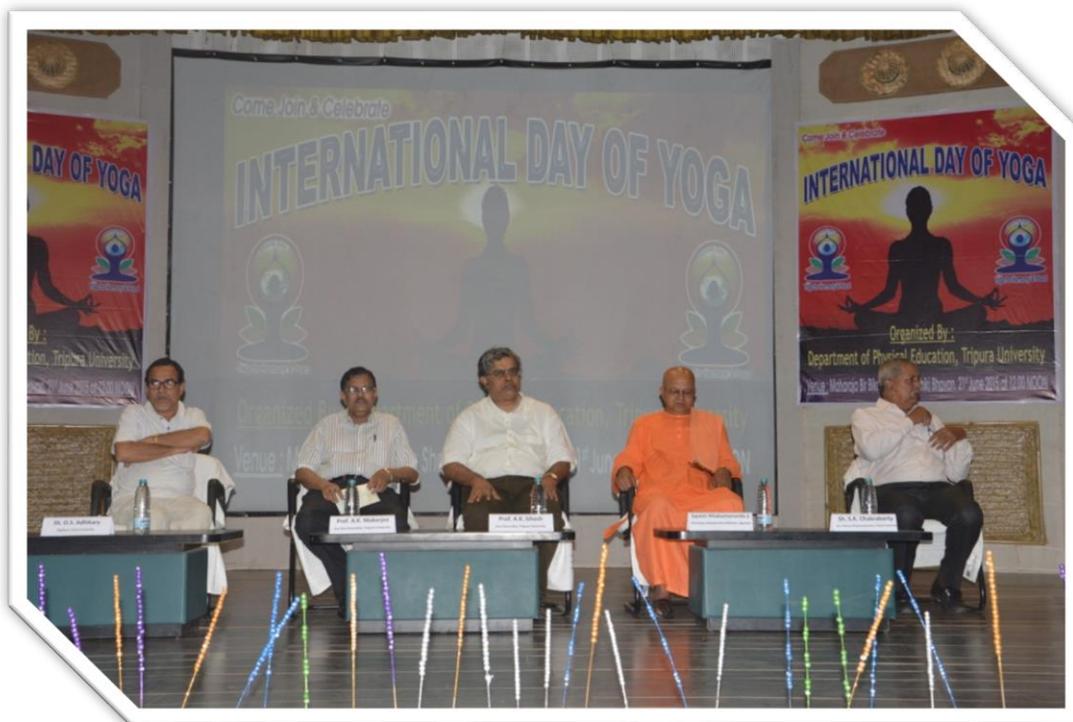
Visit of Bangladesh Team



Observation of International Students' Day

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Celebration of 'International Day of Yoga'



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Three Day Workshop on 'Self Defence & Yoga for Health'





Observing 153rd Birth Anniversary of Swami Vivekananda



One Day Awareness Programme on 'Police-Public Interface to Combat Crimes'



Workshop on 'Sexual Harassment of Women At Workplace'



Seminar on 'Contribution of Sri Subramania Bharati to the Empowerment of Women'



Observance of Matribhasha Diwas



Swachh Bharat Abhiyan

New Infrastructure



Scholars Hostel (Gents)



Pariksha Bhavan