

## ORGANISING COMMITTEE

### PATRON

**Prof. Ganga Prasad Prasain**  
Hon'ble Vice-Chancellor, Tripura University

### CHAIRPERSONS

**Prof. Badal Kumar Datta**  
Dean, Faculty of Science, TU

**Prof. Shyamal Das**  
Dean, Faculty of Arts and Commerce, TU

### CONFERENCE DIRECTOR

**Prof. Ajay Krishna Saha**  
Director, Research & Development Cell, TU

### ORGANISING SECRETARIES

**Prof. Debasish Maiti**      **Prof. Swapan Majumdar**  
**Prof. Utpal Chandra De**      **Prof. Syed Arshad Hussain**  
**Dr. Subir Kumar Sen**

### CONFERENCE CONVENER

**Dr. Saptarshi Mitra**

### CONFERENCE JOINT CONVENERS

**Dr. Pratap Chandra Acharya and Dr. Manish Das**

### TREASURERS

**Dr. Sourabh Deb, Dr. Joy Das and Mr. Pranay Pal**

### SUB-COMMITTEE CONVENERS

|                           |                            |
|---------------------------|----------------------------|
| Prof. Mohan Debbarma      | Prof. Sabyasachi Dasgupta  |
| Dr. Partha Sarathi Gupta  | Dr. Samrat Hore            |
| Dr. Anirban Guha          | Dr. Tinku De (Gope)        |
| Dr. Milan Rani Jamatia    | Dr. Mrinal Kanti Bhowmik   |
| Dr. Shiv Shankar Singh    | Dr. Jayanta Pal            |
| Dr. Thiru Selvan          | Dr. Samrat Goswami         |
| Dr. Rabindra Bharali      | Dr. Shouvik Bhattacharya   |
| Dr. Krishnendu Dhar       | Dr. Alak Roy               |
| Dr. Jayanta Choudhury     | Dr. Bishanka Brata Bhowmik |
| Dr. Surajit Bhattacharjee | Er. Harjeet Nath           |
| Dr. Subhash Sarkar        | Dr. Sindhu Poudyal         |
| Dr. Champa Nandi          | Dr. Champeswar Mishra      |

## NATIONAL ADVISORY COMMITTEE

**Prof. Alok Banerjee**, Former Vice Chancellor, University of Kalyani, Kalyani, W.B.  
**Prof. Rajeshwar Singh Chandel**, Vice Chancellor, Dr YS Parmar University, Solan, H.P.  
**Prof. Sanjay Singh**, Vice Chancellor, BBAU, Lucknow, U.P.  
**Prof. Uday Bandyopadhyay**, Director, Bose Institute, Kolkata, W.B.  
**Dr. Bhaskar Saha**, Scientist-G, NCCS, Pune, Maharashtra  
**Prof. Abanti Sahoo**, NIT-Rourkela, Orissa  
**Prof. Anjan K. Banerjee**, IISER, Pune, Maharashtra  
**Prof. N.K. Dubey**, Banaras Hindu University, U.P.  
**Prof. Ramkrishna Sen**, IIT-Kharagpur, W.B.  
**Prof. A.K. Bhagwati**, Gauhati University, Guwahati, Assam  
**Prof. Punyasloke Bhadury**, IISER-Kolkata, W.B.  
**Prof. Sudipta Roy**, Assam University, Silchar, Assam  
**Prof. Debaprasad Das**, Assam University, Silchar, Assam  
**Prof. Shrabani Pal**, Rabindra Bharati University, Kolkata, W.B.  
**Prof. Himadri Lahiri**, Netaji Subhash Open University, Kolkata, W.B.  
**Prof. N. P. Todaria**, HNBGU, Uttarakhand

**Prof. Sanjeev Kr. Sharma**, CCS University, Meerut, U.P.  
**Prof. Rajeev Kumar**, IIM, Lucknow, U.P.  
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**Prof. S. S. Sarkar**, Tezpur University, Tezpur, Assam  
**Prof. Debasish Sur**, The University of Burdwan, Burdwan, W.B.  
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**Prof. Sebak Kumar Jana**, Vidyasagar University, Midnapore, W.B.  
**Prof. A.K.Dhawan**, President, Indian Ecological Society.  
**Prof. S. K. Chauhan**, Dr YS Parmar University, Solan, H.P.  
**Dr. Sankar Prasad Das**, Director, ICAR.  
**Prof. Lingaraj Sahoo**, IIT Gauhati.  
**Dr. Ratan Saha**, Dean, Fishery College, Tripura  
**Dr. Biswajit Das**, Director, IAAR, Tripura

## INTERNAL ADVISORY COMMITTEE

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Prof. Chandrika Basu Majumder</b> | <b>Prof. Ashish Nath</b>              |
| <b>Prof. Ranendu Kumar Nath</b>      | <b>Prof. Sabyasachi Dasgupta</b>      |
| <b>Prof. Prallad Debnath</b>         | <b>Prof. Rabindra Kumar Mahapatra</b> |
| <b>Prof. Sukhendu Debbarma</b>       | <b>Prof. Shaon Ray Chaudhuri</b>      |
| <b>Prof. Binod Chandra Tripathi</b>  | <b>Prof. Prasanta Kumar Das</b>       |
| <b>Prof. Debajyoti Bhattacharjee</b> | <b>Prof. Swanirbhar Majumder</b>      |
| <b>Prof. Alak Bhattacharya</b>       | <b>Dr. Deepak Sharma</b>              |
| <b>Prof. Samir Kumar Sil</b>         | <b>Mr. Nirmal Reang</b>               |

## Registration Fees

| Delegate category                               | Early Bird Registration<br>(Last date <b>September 20, 2023</b> ) | Late Registration<br>(Last date <b>October 05, 2023</b> ) |
|-------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------|
|                                                 | ₹                                                                 | ₹                                                         |
| UG/PG Student (Only with a poster presentation) | 800                                                               | 1000                                                      |
| Ph.D/Post Doc/ Research Scholar                 | 1000                                                              | 1200                                                      |
| Faculty/Scientist/ Govt. officials              | 2000                                                              | 2500                                                      |
| Industry persons/officials                      | 3500                                                              | 4000                                                      |

*\*Registration is mandatory for attending the conference. Only registered participants will get certificate of participation.*

*\*\*The registration fee includes conference kit and lunch for three days only.*

## Mode of Payment

Registration fee should be paid directly through core/online banking in the bank account **"TU-OTHER ACADEMIC FEE RECEIPTS"**, payable at **State Bank of India, Tripura University Campus Branch (Branch Code 10495) A/C No. 35660996430 (RTGS/NEFT: IFSC SBIN0010495)**. A scanned copy of the transaction details should be sent to **"The Organising Secretary, HERTSS-2023"** by e-mail to **tunchertss@gmail.com**. See the website **www.hertss.in** for further details.



# NATIONAL CONFERENCE

**"Higher Education and Research: Towards a Transformative and Sustainable Society"**



**OCTOBER 10-12, 2023**

**Organised by**

**RESEARCH & DEVELOPMENT CELL**  
**TRIPURA UNIVERSITY**  
(A Central University)

Suryamaninagar, Tripura- 799022, India  
Conference e-mail: **tunchertss@gmail.com**, Web : **www.hertss.in**



## Prologue

**T**ripura University, a Central University established on 2nd July, 2007 under an Act of the Parliament, is a teaching and affiliating university in the state of Tripura. This university promotes teaching and research in the state of Tripura with the vision of offering educational and research opportunities to not just stakeholders in the Northeast region of India, but also across the country. Tripura University offers a vibrant campus life and one of the safest and most secure academic environments in the country. The Campus has a picturesque landscape with lakes, forests, hillocks, flower and fruit gardens offering a serene and tranquil backdrop with groves of trees, the fragrance of flora, calls of the flocking birds, swarm of butterflies, reptiles etc. The Research and Development Cell of Tripura University, since its inception, has been coordinating all activities related to Research and Development, with a vision to excel through innovation, creativity and discovery, by fulfilling the needs and aspirations of the country. This cell has been facilitating and enhancing partnerships and collaborations between researchers, government and industry, providing infrastructure and training, fostering a creative and innovative research ecosystem, encouraging entrepreneurship, and ensuring that policies and programs are promoted in a culture of innovation, maintaining probity and strong ethical compliance in a diverse and inclusive work environment. The Research and Development Cell is committed to a multidisciplinary approach in promoting collaborations at the local, regional, national and international levels.

The ensuing National Conference on the broad theme of **“Higher Education and Research: Towards a Transformative and Sustainable Society”** envisioned by the **Research and Development Cell, Tripura University** aims at accommodating and synthesizing diverse disciplines and fields of study at all levels of higher education and research. Globally at present, there are immense challenges at the economic, social, and environmental levels which are threatening our planetary boundaries for which efforts are needed at the local, regional, national and global levels. Higher educational institutions which are at the forefront of scientific and technological advances, have the potential of becoming catalysts of change, offering significant opportunities to deliver and disseminate impactful knowledge in every sector across all nations, acting as anchors in the communities they serve both nationally and internationally.

With these thoughts and insights in view, this conference aims at focusing and foregrounding 10 multidisciplinary sub-themes that may sensitize scholars and researchers on the current and future challenges against the backdrop of the UN Sustainable Development goals.

## Sub-Themes of the Conference

01 | LITERATURE AND LANGUAGE

02 | MUSIC, CULTURE AND FINE ARTS

03 | SOCIAL SCIENCE AND EDUCATION

04 | TRADE, COMMERCE, LAW, MANAGEMENT AND INFORMATION SCIENCE

05 | MEDICAL, PHARMACEUTICAL AND HEALTH SCIENCE

06 | NATURAL, EARTH, ENVIRONMENT AND APPLIED SCIENCE

07 | ENGINEERING AND TECHNOLOGY

08 | AGRICULTURE, FOOD, FORESTRY AND ANIMAL SCIENCES

09 | SPORTS, PHYSICAL EDUCATION AND YOGA

10 | INTERDISCIPLINARY AND APPLIED APPROACH

### Date and Venue

October 10-12, 2023

Tripura University Campus, Suryamaninagar, Tripura

### Important Dates

|                                                 |                      |
|-------------------------------------------------|----------------------|
| Last Date of Submission of Abstract (Soft copy) | : September 10, 2023 |
| Prototype details Submission deadline           | : September 15, 2023 |
| Intimation of Acceptance                        | : September 15, 2023 |
| Early Bird Registration Deadline                | : September 20, 2023 |
| Last Date of Registration                       | : October 05, 2023   |

### Submission of Abstract

The Organising Committee invites submission of abstracts both for the oral and poster presentations and full paper-presentations of original contributions on any topic related to the theme of the conference.

**N.B. Students are allowed to attend the conference through poster presentations only. Abstracts may be submitted by clicking on the website link given below and uploading the required information and data.**

Website: <https://hertss.in>

**Abstract Submission Link:**

<https://forms.gle/E3vHpX67rinqiZNOQ8>

### Layout of the Abstract and Full Paper

- Abstracts with a suitable title must be written in English within 300 words and may be submitted along with maximum of three (3) keywords.
- Title:** A informative title within 15 words is suggested (12 indent)
- Author(s):** Author's affiliation with e-mail ID should be mentioned. In case of multiple authors, the corresponding author should be mentioned clearly.
- Text:** Normal, Times New Roman Font and 10-point indent. The abstract must clearly indicate the problem, methodology, and result of the work.
- Reference:** Author (s) should follow the latest APA style of referencing system.
- Publication:** Efforts will be made to bring out selected number of full paper publication on (Sub-Theme based) through Proceedings/Book with a reputed publisher after the conference.

### Layout of the Poster

- The Poster should be in Landscape Format measuring 1.05 m (3.5 ft) x 0.9 m (3 ft).

### Guidelines for Prototype Submission

- Only working prototypes will be allowed having TRL Level of 4 and above

**Prototype submission link**

<https://forms.gle/F47ARkfYjNJ9SRxf7>

### BEST ORAL, POSTER PRESENTATION AND PROTOTYPE EXHIBITION AWARDS

- The best poster/oral presentation/prototype will be awarded from each sub-thematic area. The presenter shall clearly mention their sub-thematic area in the abstract.**

### Transport and Communication

- Agartala is well connected with Silchar, Shillong and Guwahati by road. Agartala is directly connected with Guwahati, Kolkata, Delhi, Hyderabad, Bengaluru, Shillong, Imphal and Dibrugarh by Air. Railway communication is available between Kolkata, Guwahati and Agartala.

### Accommodation

- Accommodation for the delegates will be arranged in different guest houses and youth hostels on a first come first payment basis, subject to availability. Several boarding and lodging facilities are also available in the vicinity of Tripura University, which can be availed of by the candidate.

For further information please contact

e-mail: [tunchertss@gmail.com](mailto:tunchertss@gmail.com)

Tripura University (A Central University) Suryamaninagar,

Tripura- 799022, India

Website: <https://hertss.in>