



# PHYSICON 2024

organized by

**DEPARTMENT OF HUMAN PHYSIOLOGY**

**TRIPURA UNIVERSITY**

**15<sup>th</sup>-17<sup>th</sup> November 2024**

**XXXV<sup>th</sup> Annual Conference of  
The Physiological Society of India**



**National Seminar on**

***EMERGING HEALTH ISSUES AND  
CHALLENGES: PERSPECTIVE FROM  
NORTHEAST INDIA***

# TRIPURA UNIVERSITY

Tripura University was founded as a state university on October 2, 1987, coinciding with the birth anniversary of Mahatma Gandhi, the Father of the Nation. Subsequently in the year 2007, it was converted to a central university under the Tripura University Act, 2006 as enacted by the Parliament. Committed to advancing the development and empowerment of the people of Tripura and the surrounding region, the university focuses on delivering high-quality education and fostering technological innovation through its academic and research activities. Nestled in an idyllic, pollution-free zone, the campus offers a serene and inspiring environment conducive to nurturing young and promising minds. Currently, Tripura University boasts 45 departments and 15 centers, supported by over 300 faculty members. Upholding the motto of "pursuit of excellence", the university strives to be a beacon of higher education in the small, landlocked state of Tripura in North East India.



# DEPARTMENT OF HUMAN PHYSIOLOGY

The Department of Physiology embarked on its journey in 1987 as part of the former Department of Life Sciences. The full fledged department in the name of Department of Human Physiology, was established in the year 2007, coinciding with Tripura University's transition from a state university to a central university. The department offers postgraduate (M.Sc.) and Ph.D. degrees in Human Physiology and serves as a nodal center for undergraduate (B.Sc. Honours and Pass) programs in Human Physiology for affiliated colleges. Currently, the department boasts five full-time faculty members and several Ph.D. research scholars. In addition to their teaching responsibilities, the faculty members are engaged in groundbreaking research across various modern health science areas. Their interests include the cellular and molecular basis of diseases and the translation of basic science research into novel therapeutic approaches.



# STATE OF TRIPURA

Located in the rugged, hilly terrains of tropical forests, the former princely state of Tripura in Northeastern India became a Union Territory in 1949 and attained statehood in 1972. Spanning an area of 10,492 square kilometers, Tripura is bordered on three sides by Bangladesh, encompassing about 80% of its perimeter. The remaining 20% of its boundary connects with the states of Assam and Mizoram, with various land routes and a narrow corridor through Assam linking it to the rest of the country. Nearly two-thirds of Tripura is hilly, and about 59% of its area is cloaked in lush forests. The state prides itself on its pollution-free, eco-friendly environment and pleasant weather. This scenic and small state is home to a diverse population, creating a rich, composite culture. Tripura's unique blend of ancient culture and tradition is vividly reflected in its exquisite handloom and handicraft products, celebrated for their superior quality, vibrant colors, intricate designs, and skilled craftsmanship. Tripura is also known for its diverse range of tropical and subtropical fruits. The state's fertile soil and favorable climate contribute to the cultivation of a variety of delicious and nutritious fruits. Tripura is renowned for its high-quality pineapples, particularly the Queen and Kew varieties. The state's pineapples are known for their sweetness, juiciness, and vibrant flavor. Jampui Hills in Tripura are famous for producing excellent oranges. The oranges from this region are known for their sweetness and juiciness, and they play a significant role in the state's economy. The annual Orange & Tourism Festival celebrates this fruit and attracts numerous visitors.



# AGARTALA - THE CAPITAL CITY

Agartala, the capital city of Tripura, is a treasure trove of rich culture and heritage. It was established as the capital of the erstwhile princely state of Tripura by Maharaja Krishna Kishore Manikya Bahadur. The esteemed poet Rabindranath Tagore visited the city several times, owing to his close ties with the Maharajas of Tripura. Agartala is renowned for its historical landmarks, including Ujjayanta Palace, Kunjaban Palace, Malancha Nivas, and Maharaja Bir Bikram College (MBBC).

Beyond Agartala, other notable attractions include Jampui Hill, Sepahijala Wildlife Sanctuary, Unakoti Rock Carvings, Trishna Wildlife Sanctuary, and the renowned Tripurasundari Temple, a famous Kali temple. Located in Udaipur, about 56 kilometers from Agartala, Tripurasundari Temple is considered one of the 51 Shakti Pithas for Hindu pilgrims. The picturesque lake in front of the temple enhances its serene beauty.



# CONFERENCE AND SEMINAR

**Date:**

**15<sup>th</sup> to 17<sup>th</sup> November, 2024**

**Venue:**

**Department of Human Physiology, Tripura University,  
Suryamaninagar, Agartala, 799022, West Tripura**

**Theme of the seminar:**

***“Emerging Health Issues and Challenges: Perspective from  
NorthEast India”***

This conference will highlight some of the important areas of health sciences that are worthy of discussion in the forum of physiologists in and around the world. The conference and the seminar prioritize research in medicine based on physiological sciences with special reference to North East India.

The conference will bring avenues of new and novel interdisciplinary collaborations in teaching and research across our global community of physiologists, and basic and clinical scientists. It will further explore a new network of diverse research areas in physiological sciences with common interests among peers.

The conference will provide an opportunity to hear from the country's leading physiologists and medical scientists with their latest research works besides promoting humanities and universal bondage between cultures, religions, races, and colors.

# PROGRAM OVERVIEW

## Key Events:

- Keynote lectures • Plenary lectures • Invited lectures • Symposia • PSI Orations • PSI Young Scientist Awards • Oral & Poster Presentations • PHYSICON 2024 Best Paper Awards (Oral and Poster category)

## Themes for the Symposia:

- Yoga and Exercise Physiology
- Cardiovascular and Renal Physiology
- Neurophysiology
- Respiratory Physiology
- Cancer, Molecular Physiology, Cell Biology and Genetics
- Biophysics, Environmental Physiology, Ergonomics
- Bioinformatics, Drug Designing and Computational Biology
- Nanomedicine, Drug Delivery and Toxicology
- Research on Medicinal plants and Natural Products

## Participants:

- Faculty members from Human Physiology, Medical, Pharmacy, Ayurveda, Dental, Nursing, Chemical Sciences and other allied sciences
- Researchers/Scientists/Biologists/Biomedical engineers
- Postgraduate/ Undergraduate students from relevant field

## Call for Paper/Poster Presentation:

- Abstracts are invited for paper/poster presentation.
- Registration is mandatory for participation.
- The abstract must be submitted through google form on or before 15th September 2024 without late fee.
- For detailed guidelines on abstract submission for paper/poster presentation kindly visit <https://sites.google.com/view/physicon2024>
- Awards for best paper under oral and poster category.

# REGISTRATION DETAILS

## PHYSICON 2024 REGISTRATION DETAILS

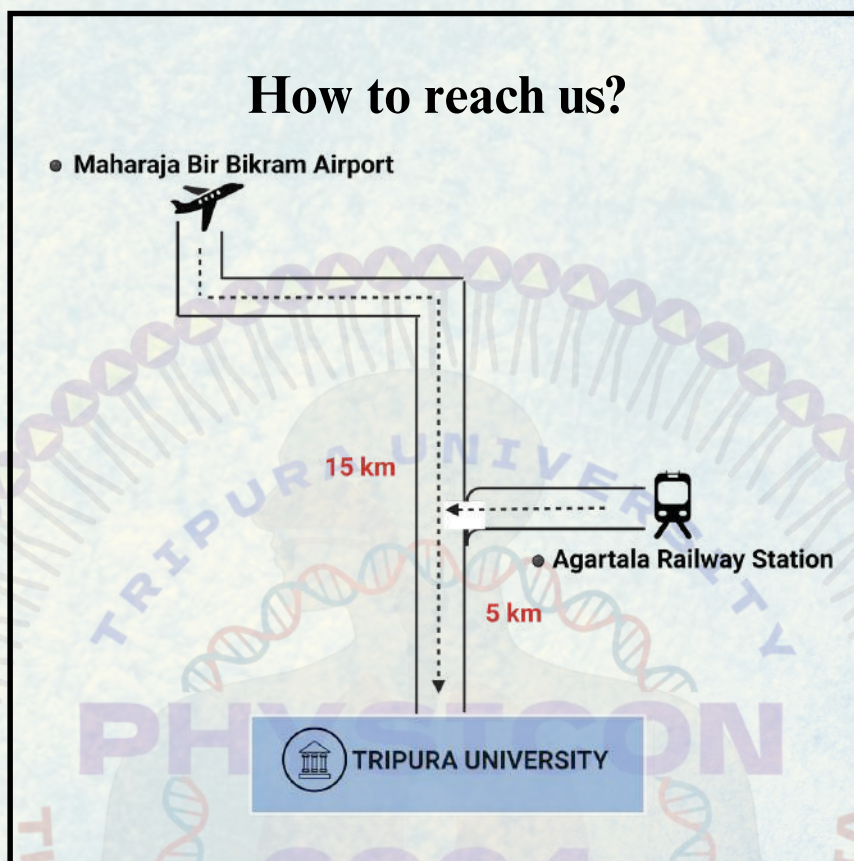
PARTICIPANTS	EARLY BIRD REGISTRATION FEE	LATE REGISTRATION FEE
Faculty (PSI Non-member)	Rs. 6000.00	Rs. 7000.00
Faculty (PSI member)	Rs. 5000.00	Rs. 6000.00
Ph.D. Scholar (PSI Non-member)	Rs. 5000.00	Rs. 6000.00
Ph.D. Scholar (PSI member)	Rs. 4000.00	Rs. 5000.00
Students (PSI Non-member)	Rs. 3500.00	Rs. 4500.00
Students (PSI member)	Rs. 3000.00	Rs. 4000.00
Accompanying person (per person)	Rs. 4500.00	Rs. 5500.00
Foreign delegates	100\$ (Rs. 8000.00)	125\$ (Rs. 10000.00)

- Last date for registration: **20<sup>th</sup> September 2024**
- Last date of registration with late fee: **31<sup>st</sup> October 2024**

For more details on registration and for online registration, please visit: <https://sites.google.com/view/physicon2024>



# TRAVEL



Agartala is well connected by air, railways and roads to major cities of India.

- **By air:** Maharaja Bir Bikram Airport at Agartala is connected through direct flights from Kolkata, New Delhi, Bangalore, Madras, Chennai, Hyderabad, Guwahati, Imphal and Shillong. The distance of Tripura University from Maharaja Bir Bikram Airport is around 15 km.
- **By railways:** Agartala Railway Station is well connected by train via Assam with all the cities of India. The distance of Tripura University from Agartala Railway Station is around 5 km.
- **By roads:** Interstate government/ and private bus services with Agartala are available from capitals of all the Northeastern states and other states of India.

# ACCOMMODATION

Accommodation will be available in university guesthouse and other government guesthouses (sharing basis) on payment basis. Apart from this, there are many premiere hotels available in Agartala city which can be booked in advance as per hotel rules and regulations.

**Guesthouse accommodation fee: Around Rs. 250-500/person/day**

<b>List of few hotels at Agartala</b>		
<b>Hotel name</b>	<b>Address</b>	<b>Contact</b>
<b>Hotel Polo Towers Agartala</b>	VIP Rd, Kunjaban, Agartala, Tripura	0381 231 0110
<b>Hotel Sonar Tori</b>	Ronaldsay Rd, near Fire Brigade Chowmuhoni, Jay Nagar, Agartala, Tripura	098637 47519
<b>Ginger Agartala</b>	Khejur Bagan, Airport Road, Mouja, opposite Industrial Office, Barjala, Agartala, Tripura	0381 241 1333
<b>The Parkline Hotel</b>	R7MJ+J4V, Palace Compound, Indranagar, Parkline, Agartala, Tripura	098632 58741
<b>Hotel Himalaya Agartala</b>	PILLAR NO. 18, MILAN SANGHA, BARDOWALI BATTALA FLYOVER, OPPO TO, Agartala, Tripura	076289 17237
<b>Hotel Welcome Palace</b>	Hari Ganga Basak Road, Post Office Chowmuhani, Agartala, Tripura	0381 238 0101
<b>Hotel Rimi International</b>	Maharaja Bir Bikram Sarani, Shiv Nagar, Dhaleswar, Agartala, Tripura	069093 12300
<b>Hotel Woodland Park</b>	Math Chowmuhani, Jail Ashram Rd, Shiv Nagar, Indranagar, Agartala, Tripura	097745 85708
<b>Hotel Airdrop</b>	Agartala Airport Rd, Usha Bazar, Agartala, Tripura	069093 87452
<b>Starline Hotel</b>	A.K. Road, RMS Chowmuhani, Krishna Nagar, Agartala, Tripura	094365 46258

# COMMITTEE

## CHIEF PATRON

**Prof. Ganga Prasad Prasain**  
Hon. Vice Chancellor  
Tripura University

## PATRON

**Prof. Badal Kumar Datta**  
Dean, Faculty of Science  
Tripura University

## PSI OFFICE BEARERS

**Prof. Prasunpriya Nayak**  
President, PSI

**Dr. Atiskumar Chattopadhyay**  
Vice-President, PSI

**Dr. Sanjit Dey**  
Vice-President, PSI

**Dr. Md. Iqbal Alam**  
Vice-President, PSI

**Dr. Lata Mullur**  
Vice-President, PSI

**Dr. Kaushik Bharati**  
Vice-President, PSI

**Dr. Rajen Halder**  
General Secretary, PSI

**Dr. Smritiratan Tripathy**  
Treasurer, PSI

## ORGANIZING COMMITTEE

**Prof. Dipayan Choudhuri**  
President

**Prof. Samir Kumar Sil**  
Organizing Secretary & Convenor

**Prof. Debasish Maiti**  
Co-convenor

**Dr. Sudipta Pal**  
Joint Secretary

**Dr. R. Jyoti**  
Treasurer

# CONFERENCE SECRETARIAT

- Conference website: <https://sites.google.com/view/physicon2024>
- E-mail id: [physicon2024tu@gmail.com](mailto:physicon2024tu@gmail.com)
- For abstract submission and registration: Please visit the conference website

## Contact Details:

**Prof. Samir Kumar Sil**  
Organizing Secretary & Convener  
PHYSICON 2024  
☎ 9862590290  
☎ 7005278314

## IMPORTANT DATES

- Date of conference: **15<sup>th</sup> November to 17<sup>th</sup> November 2024**
- Registration and submission of abstract starts: **15<sup>th</sup> August 2024**
- Last date of abstract submission: **15<sup>th</sup> September 2024**
- Last date of registration: **20<sup>th</sup> September 2024**
- Last date of registration with late fee: **31<sup>st</sup> October 2024**

# PLACES TO VISIT



**Jampui Hills**



**Sepahijala Wildlife Sanctuary**



**Unakoti Rock Carvings**



**NeerMahal**



**Tripurasundari Temple**



**Bhubaneshwari Temple**

**Tripura Government Tourism:**

🌐 <https://tourism.tripura.gov.in/>

☎ 0381 232 5930

✉ [tripuratourism@gmail.com](mailto:tripuratourism@gmail.com)

# GLIMPSES OF THE UNIVERSITY CAMPUS



