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Vice Chancellor, The ICFAI University Tripura

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**Prof. (Dr.) Priyangshu Rana Borthakur**

Dean, FST, The ICFAI University Tripura

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Principle, ISS, The ICFAI University Tripura

### Organizing Co-Chair

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HOD, Physics, The ICFAI University Tripura

### Organizing Secretary

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Assistant Professor, The ICFAI University Tripura

### Convener

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Assistant Professor, The ICFAI University Tripura

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Assistant Professor, The ICFAI University Tripura

Dr. Bibhabasu De

Assistant Professor, The ICFAI University Tripura

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Dr. Sovan Ghosh

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Dr. Pritam Majumder

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### National Advisory Committee

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Shri G. D. Mittal, Vice President, Indian Nuclear Society

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Shri S. K. Malhotra, Former Head, PAD, DAE

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Prof. Anil Kumar Gourishetty, Professor, IIT Roorkke

Prof. Dipankar Narayan Basu, Associate Professor, IIT Guwahati



# National Conference on Innovations In Nuclear Physics And Its Application To Nuclear Power Generation

20 July 2026 - 24 July 2026



## About the Conference

The conference on “Innovations in Nuclear Physics and its Application to Nuclear Power Generation” brings together eminent scientists, academicians, and industry experts to discuss recent advances in nuclear science and its technological applications. The program begins with an inaugural address on the status of nuclear science and technology in India, followed by invited talks spanning key areas such as nuclear structure, nuclear reactions (fission and fusion), nuclear astrophysics, neutrino physics, and advanced experimental techniques including accelerators and instrumentation. A special focus is given to emerging domains like nuclear data and the application of artificial intelligence and machine learning in nuclear physics. The conference also highlights applied aspects through dedicated sessions on nuclear power generation and safety, addressing both technological developments and societal relevance. The event concludes with a summary session outlining major insights and future directions, aiming to foster collaboration and knowledge exchange within the nuclear science community.

## Conference Topics

- Nuclear Structure
- Nuclear Reaction
- Nuclear Astrophysics
- Nuclear Data & its applications in Nuclear Science & Technology
- Artificial Intelligence & Machine Learning in Nuclear Physics
- Accelerators Developments & Facilities for Nuclear Physics
- Advanced Detector Technologies in Nuclear Physics
- Nuclear instrumentation, techniques & Applications
- Neutrino Physics
- Nuclear Energy
- Nuclear Power Generation
- Non Power Application of Atomic Energy

## About The ICFAI University, Tripura

The ICFAI University, Tripura was established in 2004 through an Act of State Legislature (Tripura Act 8 of 2004). The University has been approved by the University Grants Commission, under Section 2(f) of the UGC Act, 1956. The ICFAI University, Tripura is a member of the Association of Commonwealth Universities (ACU), London, UK, Association of Indian Universities (AIU), New Delhi, India, The Institution of Engineers (India) and Association of Management Development Institutions in South Asia (AMDISA), Hyderabad. The University is accredited by the Bar Council of India (BCI), National Council of Teachers Education (NCTE), Distance Education Bureau (DEB) and NAAC. The University has Bachelor, Master, and Doctoral programs in Management, Finance, Science and Technology, Information Technology, Education, Law, and other areas and is widely recognized as an institution devoted to quality research and teaching. The University gives utmost importance to the Industry-University interface.

## About the Faculty of Science & Technology (FST)

Faculty of Science & Technology (FST), a constituent unit of the ICFAI University, Tripura (IUT). FST is committed to providing quality education in the field of science and technology. It helps the students develop professional competence through their exposure to labs and workshops and industry exposure through internships/projects in the industry with the objective of promoting new areas of Science & Technology and to play the role of a nodal department for organizing, coordinating, and promoting STEM activities in the country.

## About the Department of Physics

The Department of Physics was established as a separate department under ICFAI Science School in August of 2018, it has never looked back. Department currently consists of highly qualified faculty members who have been actively involved in cutting-edge research in various emerging fields, and in developing state of art technologies. Presently we are offering Bachelors (B.Sc-Honors), Masters (M.Sc), and Doctorate (Ph.D.) courses. Students have been encouraged to join various esteemed institutions for their internship projects. The Department of Physics envisages itself becoming a Center of Excellence in the near future under the hood of ICFAI University Tripura.

## Registration Details:

Designation	Online Registration Fee (INR)	Offline Registration Fee (INR)
Faculty / Scientist / Industry Fellow	1500	3000
Post Doctoral Fellow	1200	2500
M.Tech / Ph.D. Scholars	750	1500
M.Sc. Students	200	500

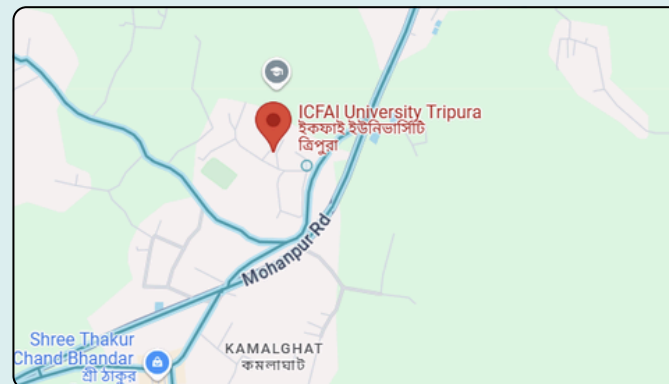
## Payment Bank Account Details:

Name of the Account: ICFAI University Tripura  
Savings Account No: 910010047489436  
Bank Name: AXIS BANK Ltd  
Branch: Agartala Branch  
IFS Code: UTIB0000276  
MICR Code: 799211002



## Location:

ICFAI University Tripura Campus, Kamalghat, West Tripura, Tripura - 799210, India



## Important Dates

- Registration closes : 7<sup>th</sup> July 2026
- Abstract Submission (Last date) : 30<sup>th</sup> June 2026
- Abstract Acceptance : 5<sup>th</sup> July 2026
- Payment (Last date) : 7<sup>th</sup> July 2026

## Important Links

For Registration: <https://forms.gle/FpL36vzQ4wP7VD9T8>

For Abstract: <https://forms.gle/UckGxCTDFtj2cJd4A>

For Payment: <https://forms.gle/zVw3ZohLKNVvrgBfA>

## Contact Email

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- [arunabhasaha@iutripura.edu.in](mailto:arunabhasaha@iutripura.edu.in)
- [shahebchoudhury15@gmail.com](mailto:shahebchoudhury15@gmail.com)
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## WhatsApp contact Number

- +91 9619088739
- +91 7005221519
- +91 90075 40354
- +91 7005147935

## Nearby places to visit

- Tripura Sundari Temple
- Ujjayanta Palace
- Neermahal
- Unakoti
- Jampui Hills
- Sepahijala Wildlife Sanctuary
- kashba Kali Bari
- Jagannath Temple
- Dumboor Lake

## Conference website link

<https://physics.iutripura.in/INPNPG2026/>