

# XII<sup>th</sup> BIENNIAL NATIONAL CONFERENCE OF PHYSICS ACADEMY OF NORTH EAST (PANE), 2021



15-17 December, 2021

Department of Physics, Tripura University, Tripura, India

(ONLINE + OFFLINE)



## About the Conference:

The biennial National Conference of Physics Academy of the North East (PANE), the XII<sup>th</sup> in the series, will be held during 15-17 December 2021 (Wednesday – Friday) at the Department of Physics, Tripura University, Suryamaninagar 799022, India. The first of the series was held at IIT, Guwahati on October 17, 1998, and XI<sup>th</sup> Conference was organized by Assam University Diphu Campus during 21-23 November, 2018. Like previous years, hundreds of research contributions are expected to present their works in Oral and Poster Sessions during the Conference. Many distinguished physicists and Scientists of the country will also deliver invited talks in the conference. Award will be given to the research scholars for best oral & poster presentation in each sub-theme. PANE 2021 Conference will provide opportunities for young researchers to engage in research discussions actively, information about current funding opportunities, new research interests, research ethics, and professional development. Due to the on-going pandemic, the Conference is planned to be organized in online mode. Depending on situation probability of hybrid (online + offline) mode may also be explored.

## Venue:

The Department of Physics, Tripura University (A Central University) has started its journey in 1990. Presently the Department is composed of 5 faculty members and 4 office-bearers. Despite being small, the faculty members are determined & working hard towards excellent academic and research outcomes.

## Sub-themes:

1. Condensed Matter Physics & Material Science
2. Atmospheric Physics
3. Astrophysics & Cosmology
4. Nuclear & High Energy Physics
5. Communication & Instrumentation
6. Atomic & Molecular Physics
7. Interdisciplinary Research

## Key Dates:

- Abstracts Submission Closes:** 30<sup>th</sup> October, 2021  
**Acceptance Notification:** 07<sup>th</sup> November, 2021  
**Early Bird Registration Closes:** 15<sup>th</sup> November, 2021  
**Registration with Late Fee:** 16-30 November, 2021

## Registration Fee:

Category of Registration	Early Bird Registration (till 15 <sup>th</sup> Nov., 2021)	Late Registration (16-30 Nov. 2021)
Regular	Rs. 1500	Rs. 2000
Research Scholar/Student	Rs. 1000	Rs. 1500

Registration fee can be deposited/paid online in the conference bank account directly through the core/online banking (Bank Name: State Bank of India, Tripura University Campus Branch, A/C No. 40369645227, A/C name "PANE 2021", IFSC Code – SBI N0010495, A/C type: Savings account). Scan copy of the deposit/transfer slip should be uploaded / e-mail while submitting the registration form.

## Abstract Submission:

Abstracts must be submitted with the names of all the contributing authors and their institutional affiliations. The postal address and email id of the corresponding author should be included. The abstract should not exceed 1 A4 size page and should be written in a 12-pt font (title with 12-pt font bold) in MS word document format. Please do not include figures in the abstract. Indicate the sub-theme at the upper right corner of the abstract in which the abstract could be considered. The abstract should be uploaded via Google form during registration. For further details please visit conference website.

## Abstract Submission/Registration Link:

<https://forms.gle/M9PWzyiAjfVtWfMB9>

## Presentation scheme:

- i. For each oral presentation 10 (8+2) minutes will be provided & the presentation will be live.
- ii. Poster presenters will send us a video presentation of 10 minutes duration (file size ≤ 200 MB) once the abstract is accepted. We shall upload

the video in the conference website for showcase during three days of conference. For further details please visit conference website.

## Conference Proceedings:

Full papers after peer review will be published in (i) Materials Today: Proceedings (Elsevier) & (ii) International Journal of Engineering Research & Technology (IJERT). Those who will register and present their paper can submit the full article for publication.

## National Advisory Committee:

Prof. A. J. Pal, Director, UGC-DAE CSR  
Prof. D. K. Aswal, Bhabha Atomic Research Centre  
Dr. Atanu Saha, Director (S&T), NEC, Shillong  
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## Local Organizing Committee:

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Vice-Chancellor, Tripura University

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Department of Physics, Tripura University

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Department of Physics, Tripura University

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Dr. R. Das  
Department of Physics, Tripura University

**Treasurer:** Mr. Surajit Sarkar  
Department of Physics, Tripura University

## Website:

<https://pane2021.wordpress.com/>

## Contact:

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