

INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN PHYSICS FOR SUSTAINABLE DEVELOPMENT

ICETPSD-2026

23 – 25 SEPTEMBER 2026

Department of Physics
North-Eastern Hill University (NEHU)
Shillong, Meghalaya, India



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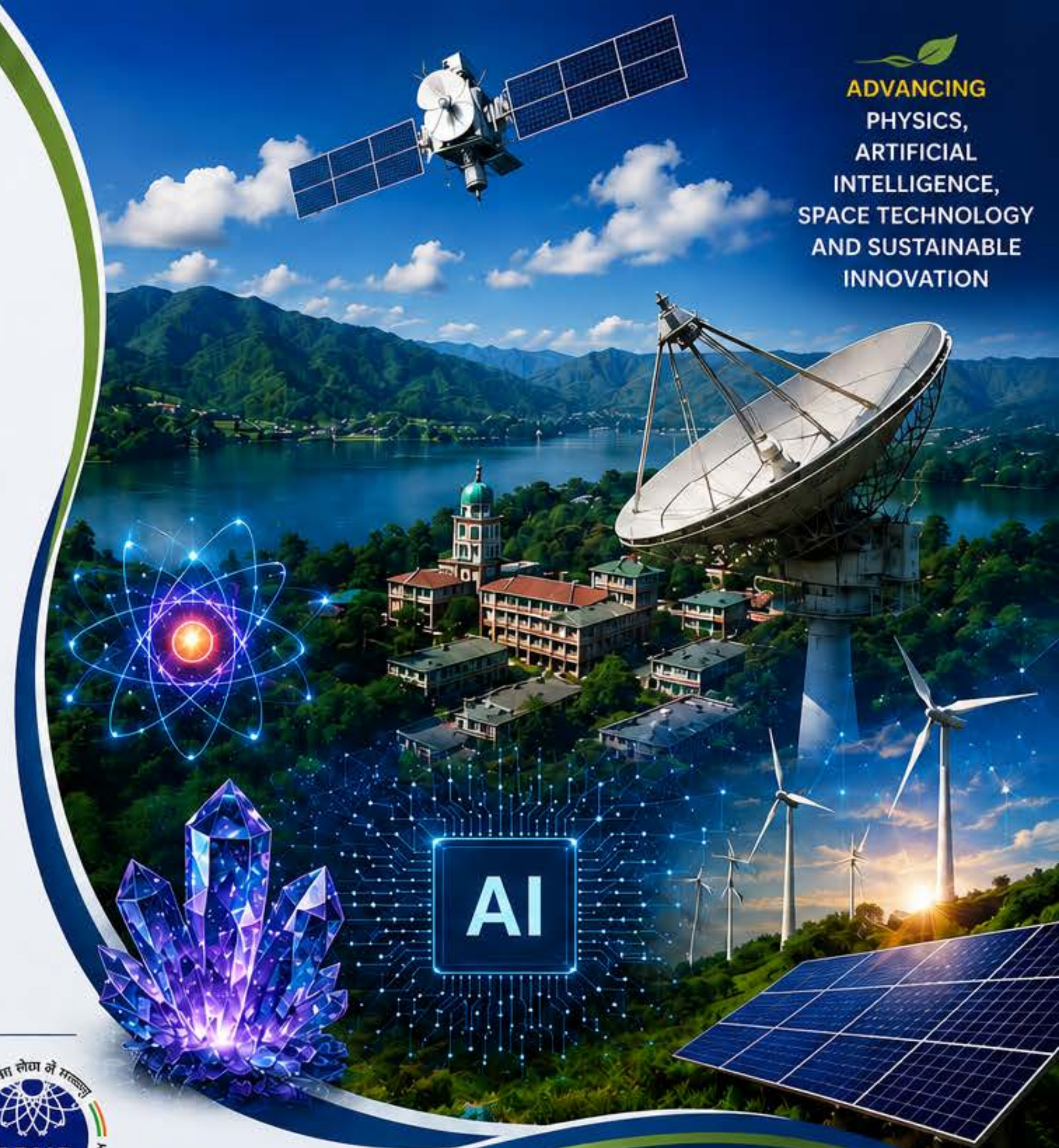
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BRNS

ADVANCING
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AND SUSTAINABLE
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UNITING KNOWLEDGE, TECHNOLOGY
AND INNOVATION FOR A BETTER TOMORROW



PHYSICS



AI &
TECHNOLOGY



SPACE
SCIENCE



SUSTAINABILITY



RENEWABLE
ENERGY



GLOBAL
COLLABORATION

ICETPSD-2026

International Conference on
Emerging Trends in Physics for
Sustainable Development

Institution's Account Name

FO NEHU
Conference

for 054101000090003

IFSC

IOBA0000541

Bank Name

Indian Overseas Bank,
Morellow Building
Shillong



IMPORTANT DATES

Early Bird Registration	31 July 2026
Abstract Submission	10 September 2026
Acceptance Notification	15 September 2026
Late Registration	20 September 2026
Conference Dates	23 – 25 September 2026



PUBLICATIONS

Accepted abstracts will be published in the
Conference Proceedings with ISBN.

Selected high-quality papers may be considered
(after peer review) for publication in:



Journal of Chemistry
WILEY



Reviews in Inorganic Chemistry
DE GRUYTER



REGISTRATION FEES

INDIAN PARTICIPANTS (₹)

Category	Amount (INR)
UG / PG Students	₹ 1,500
Research Scholars	₹ 2,000
Faculty	₹ 3,500
Industry Delegates	₹ 5,000

INTERNATIONAL PARTICIPANTS (USD)

Category	Amount (USD)
Students	USD 250
Research Scholars	USD 300
Faculty	USD 400
Industry Delegates	USD 500



WHY ATTEND?

- ✓ Learn from leading scientists
- ✓ Present your research
- ✓ Publish in reputed journals
- ✓ Meet international experts
- ✓ Collaborate globally
- ✓ Explore emerging technologies
- ✓ Visit the scenic hills of Meghalaya

Knowledge · Innovation · Collaboration · Impact



CONTACT

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Department of Physics
North-Eastern Hill University (NEHU), Shillong, Meghalaya, India



NOTABLE PLENARY TALKS
DISTINGUISHED INTERNATIONAL & NATIONAL SPEAKERS

INTERNATIONAL SPEAKERS			
S. No.	Speaker	Affiliation	Country
1	Dr. R. P Rao	Speciality Phosphors	USA
2	Prof. K. V. R. Chary	Rowan University	USA
3	Dr. Marta Michalska-Domańska	Military University of Technology	Poland
4	Dr. Ajeet Kaushik	Florida Polytechnic University	USA
5	Dr. Maria Elena Zayas	Sonora	Mexico
6	Dr. Jelena Mitric	Institute of Physics	Serbia
7	Dr. Z. Gigem Portakal	Adana	Turkey
8	Prof. Hedayatallah Salem	Egyptian Atomic Energy Authority	Egypt
9	Prof. Atef El-Taher	Al Azhar University, Assuit	Egypt
10	Dr. Shalu Atri	University of Bratislava	Slovakia
11	Dr. Megha Jain	-	Canada
12	Prof. Rameshwar Adhikari	Tribhuvan University	Nepal

NATIONAL SPEAKERS

1. Prof. Amita Chandra, Senior Prof., DU Delhi

2. Prof. S. K. Sharma, IIT (ISM) Dhanbad

3. Prof. H. Mishra, BHU, Varanasi India

4. Prof. D. P. Bisen, Pt. RSU Raipur

5. Prof. Y. H. Gandhi, The MS University Baroda

6. Dr. Saikat Bhaumik, IIT Guwahati

7. Prof. Namita Brahme, Pt. RSU Raipur

8. Prof. S. J. Dhoble, RTMNU – Nagpur

9. Prof. Jagjeet Kaur Saluja, Govt. VYT PG Auto. College Durg

10. Prof. Lokesh C. Tribedi, TIFR Mumbai and UPES

11. Prof. D. Harnath – NIT – Warangal

12. Prof. Ankush Vij, CUH, Haryana

13. Prof. Timit Tripathi, NEHU

14. Dr. S. Vidyanathan, IIT Hyderabad

15. Dr. Kaushal Kumar, IIT-ISM Dhanbad

16. Dr. Ramcharan Meena, IUAC, New Delhi
17. Dr. Subhasis Panja, CSIR-NPL-New Delhi

18. Dr. Subrata Das, CSIR-NIIST, Trivednrum

19. Dr. Yash Dwivedi, NIT Kurukshetra

20. Dr. Arun Kumar, NIT Warangal

21. Dr. Ratnesh Tiwari, Dr. CV Raman University

22. Dr. Md. Khaja Mohiddin, BIT Raipur

23. Dr. J. M. Kalita, Cotton University, Guwahati, Assam

24. Dr. Ram Gopal, Panjab University, Chandigarh

25. Dr. Manoj Gupta, Scientist E, CSIR-AMPRI Bhopal

26. Dr. Ranjeet Brajpuria, UPES Dehradun

27. Dr. Sachi Shukla, UPES Dehradun

28. Dr. Prashant Shukla, UPES Dehradun

29. Dr. Shruti Shukla, NEHU Shillong

30. Dr. Yatish R. Paruaha, Baba Ramdeo College Nagpur

31. Dr. N. Pavankumar, Matushri College, AP

32. Dr. N. Kumarswamy, ISBM University
33. Dr. Himanshu Joshi, Dept. of Physics, SRM University Sikkim, Gangtok

34. Dr. Sunita Khangembam, Department of Physics, Manipur University

35. Dr. Raman Vedarajan, IITM Research park

36. Dr. G. Ramalingam, Quantum Material Research Lab (QMRL), Alagappa University

37. Dr. Kunal Borah, North Eastern Regional Institute of Science and Technology (NERIST) Arunachal Pradesh

38. Prof. Shubhasis Haldar, S.N. Bose National Centre for Basic Sciences

39. Dr. D. P. Rai, Mizoram University

40. Dr. Jyoti Prasad Norah, NIT Nagaland

41. Dr. Praveen Yadaw, Kalinga University Raipur

42. Dr. Ram Sagar Yadav, BHU

43. Dr. Nilesh Ugemuge, Anand Niketan Collge, Warora

44. Dr. Manju, University of Kashmir

45. Dr. Sudhanwa Patra, IIT Bhilai

46. Dr. Vinay Tomar, CCS HAU, Hisar

47. Dr. R. Arunkumar, NIT Warangal

48. Prof Sunita Shrivastava, CUH Haryana



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ABOUT THE CONFERENCE

The International Conference on Emerging Trends in Physics for Sustainable Development (ICETPSD-2026) provides an international platform for scientists, academicians, researchers, industry experts, and students to exchange cutting-edge research findings and innovations in physics, artificial intelligence, renewable energy, advanced materials, space science, radiation dosimetry, healthcare technologies, and sustainable development.

The conference promotes interdisciplinary collaboration among universities, industries, government organizations, and research laboratories.



ABOUT NEHU

Established under the North-Eastern Hill University Act, 1973, NEHU is one of India's premier Central Universities committed to excellence in teaching, research, innovation, and regional development.



DEPARTMENT OF PHYSICS

Established in 1976, the Department of Physics is a center of excellence with internationally recognized research in:

- Nuclear Physics
- Solid State Physics
- Laser Physics
- High Energy Physics
- Advanced Materials



CONFERENCE OBJECTIVES



Promote frontier research in Physics and allied disciplines



Encourage interdisciplinary collaboration



Foster academia-industry partnerships



Showcase sustainable technologies for a better future



Support young researchers and students



Discuss AI-driven scientific innovations



Strengthen global scientific networking



MAJOR CONFERENCE THEMES



PHYSICS

- Luminescence • Radiation Dosimetry
- Statistical Physics • Advanced Materials



SPACE SCIENCE

- Satellite Technology • Climate Monitoring
- Space Applications • Astrophysics



ARTIFICIAL INTELLIGENCE

- Machine Learning • Generative AI
- Explainable AI • Smart Healthcare



SUSTAINABLE ENERGY

- Renewable Energy • Smart Grid
- IoT • Green Computing



EMERGING TECHNOLOGIES

- Smart Sensors • Intelligent Packaging
- Waste-to-Energy • Quantum Computing



CONFERENCE HIGHLIGHTS



International
Keynote
Speakers



30+
Plenary &
Invited
Talks



100
Oral
Presentations



200
Poster
Presentations



Industry
Exhibition



Networking
Sessions



Young Scientist
Interaction



Publication
Opportunities



COMMITTEES FOR ICETPSD-2026

International Conference on Emerging Trends in Physics for Sustainable Development



CHIEF PATRONS

- ★ Hon'ble Vice-Chancellor, NEHU, Shillong
- ★ Dr. S. P. Aggarwal, Director, NESAC
- ★ Prof. D. P. Bisen, President, Luminescence Society of India



PATRONS

- ★ Dean, School of Physical Sciences
- ★ Prof. Y. H. Gandhi, Secretary, Luminescence Society of India



CONVENERS

- Dr. Vikas Dubey
- Dr. T. S. Senthil



ORGANIZING SECRETARY



Dr. Neha Dubey



ORGANIZING COMMITTEE

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- Dr. S. P. Pati
- Dr. S. Pandey
- Dr. S. S. Pohlong
- Dr. Shyam S. Kundu (NESAC)
- Dr. Arup Borgohain (NESAC)



TECHNICAL COMMITTEE



CHAIR

Prof. Dirk Poelman
University of Ghent, Belgium



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