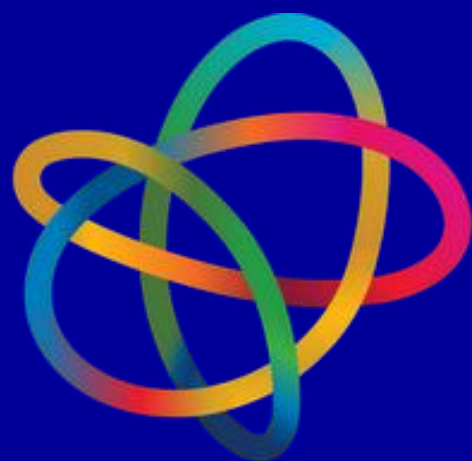


39th



ANNUAL NATIONAL CONVENTION OF INDIAN ASSOCIATION OF PHYSICS TEACHERS - 2025



5th to 7th October, 2025



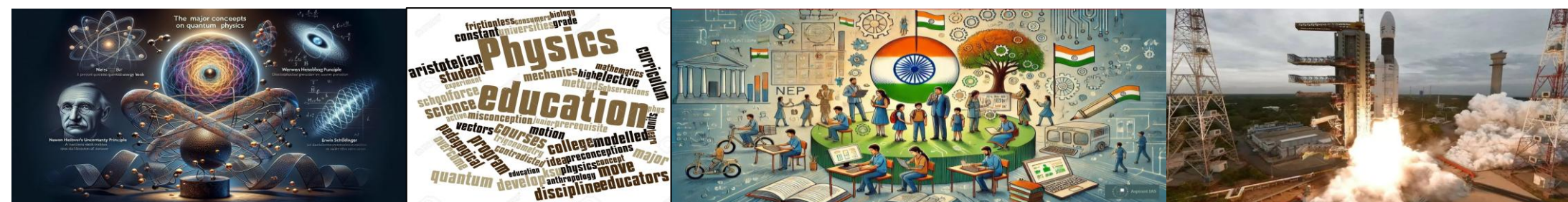
Goa University

Organized by IAPT Goa RC - 21 and School of Physical and Applied Sciences Goa University

About the Convention

National Convention of Physics Teachers brings together educators, researchers, and innovators from across the country to explore new trends, challenges and opportunities in Physics teaching.

THEMES AND SUB THEMES



Empowering Physics Education

Quantum Science & Technology

- ❖ Quantum Computing
- ❖ Quantum Materials and Devices
- ❖ Quantum Simulation
- ❖ Quantum Optics & Photonics

Space Research Achievements

- ❖ Indian Space Mission
- ❖ Satellite Technology
- ❖ Indian astronomical observatories
- ❖ Astronomy public outreach

Physics Education Research

- ❖ Learning Physics through outreach
- ❖ Technology in Physics Education
- ❖ Pedagogical learning in Physics
- ❖ Use of AI in Physics Education

Challenges in Physics Education

- ❖ Laboratory infrastructure
- ❖ Diversity and inclusion
- ❖ Research & innovation in Physics
- ❖ Integrated & Holistic education

SCS Auditorium, Goa University



Highlights



Eminent Talks



Project Exhibition



Awards



Pre Convention

Workshops



Poster Presentations



Oral Presentations



Networking



Visit to CSIR-NIO



River Cruz

Registration Details

IAPT Members and participants

- ❖ **A - Participation:** Rs. 2500/-
(Includes: Kit, Lunch, convention Dinner)
- ❖ **B - Participation:** Rs. 6500/-
(Includes: A + 4 nights sharing accommodation, breakfast, dinners)
- ❖ **C -Accompanying person:** Rs. 4500/-
(4 nights sharing accommodation, breakfast, lunch and dinner)
- ❖ **D- Participants from Goa:** Rs. 2000/-

Industry & Sponsorship

- ❖ **D - Industries:** Rs. 6000/- (Includes: A)
- ❖ **E - Sponsor:** Rs. 25000/-
(Includes: A + Logo display)
- ❖ **F- Sponsor:** Rs. 50000/-
(Includes: A + Logo display + Stall)

Contact Information

Email: iaptgoarc@gmail.com
reshma@unigoa.ac.in

Preconvention workshop

4th October 2025

1. Navigating the Quantum Frontiers: A Hands on Path from Qubits to Qiskit
2. Enthralling experiments in Physics
3. Hands-on Workshop on Building Models of ASTROSAT and Spectrograph
4. Hands-on Virtual Tools for Learning Quantum Mechanics

Venue: SPAS, Goa University

Name: INDIAN ASSOCIATION OF PHYSICS TEACHERS RC 21

A/C Number: 100710200017630

IFSC Code: BKID0001007

Bank Name: Bank of India, Panaji



Registration

Registration Form Link

<https://forms.gle/GAJL155tRb7neyzXA>

Deadline for online Registration: **10th September 2025**

About IAPT

Indian Association of Physics Teachers (IAPT) was established in the year 1984 by late Dr. D.P. Khandelwal. It has grown since then with over 10,000 members. Which includes educators, researchers and students worldwide, working to improve physics teaching. Builds a vibrant network of passionate physics enthusiasts. It runs Scientific Culture Centers for graduate, postgraduate projects, research in physics education, organizes national exams in Physics, Chemistry, Biology, Astronomy, Junior Science and the Graduate Physics Examination across India.

IAPT Goa RC came into existence in 1999. It actively promotes quality Physics Education in the region through workshops, teacher training programs, student enrichment activities, and Science outreach.

About Goa University

Goa University, established on 1985, is located on the scenic Taleigao Plateau and offers a range of graduate and postgraduate programs across various disciplines including Konkani, Portuguese, Marine Sciences, Data Science, and AI. It has adopted the NEP-2020 policy, offering flexible degree options with multiple entry and exit points through the Academic Bank of Credits. The university is home to ten schools formed from traditional departments, offering a range of undergraduate, master’s, and Ph.D. programs, as well as certificate and diploma courses.

SPAS- School of Physical and Applied Sciences, formed by merging Physics, Mathematics, and Electronics departments. Also offers interdisciplinary M.Sc. Biophysics, Computational Physics. The departments are well-funded by DST, UGC, and other national agencies, supporting advanced teaching and research.

Advisory Committee

- Prof. H. B. Menon, Vice-Chancellor Goa University (Chief Patron)
- Prof. P. K. Ahluwalia, President IAPT (Patron)
- Prof. Sunder N. Dhuri, Registrar Goa University
- Prof. Sunil Kumar Singh, Director CSIR-NIO
- Prof. Prasad Naik, Emeritus Professor BITS Pilani KK Birla Goa
- Shri. Bhushan Savoikar, Director Directorate Higher Education Goa
- Shri. Shailesh Zingade, Director Directorate of Education Goa
- Shri. Bhagirath Shetye, Chairman GBSHSE, Govt. of Goa
- Ms. Meghna Shetgaonkar Director SCERT, Govt. of Goa
- Prof. P.C. Deshmukh, Vice President, IAPT
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- Prof. Sanjay Kr. Sharma Secretary IAPT
- Dr. D. C. Gupta, Treasurer IAPT
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- Prof. Manjit Kaur, Chief Editor IAPT Bulletin
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- Prof. A V Heblekar, Former President IAPT Goa RC
- Prof. S N Pai Raiturkar, Former President IAPT Goa RC
- Prof. Erwin Desa, Former President IAPT Goa RC
- Prof. A.V. Kulkarni, Former President IAPT Goa RC
- Prof. R. Tangsali, Former President IAPT Goa RC
- Prof. Vithal Tilvi, Professor Goa State Higher Education Council



Organizing Committee

- Dr. Reshma Raut Dessai, Secretary IAPT Goa RC (Convenor)
- Shri. Manoj Sawaikar, Vice President IAPT Goa RC
- Shri. Roger C A Ferrao, Treasurer IAPT Goa RC
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- Shri. Atul A Naik, EC member IAPT Goa RC
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- Shri. Amey Shirodkar, EC member IAPT Goa RC
- Shri. Yeshwant Gaonkar, EC member IAPT
- Dr. Feroz Kadar Badesab, Scientist NIO Goa
- Ms. Vandana C C, EC member IAPT Goa RC
- Ms. Mruga Dhabolkar, EC member, IAPT Goa RC
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- Dr. Mridini Gawas, SPAS Goa University
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