

# NATIONAL Workshop on Advanced Computational Tools for Physical Sciences

## Organized By

Association of All Computer Science Teachers (AACST)

## In Collaboration With

Indian Association of Physics Teachers (IAPT), RC-08

## Workshop Details

Dates	9 – 13 March 2026
Time	6:30 PM – 8:30 PM (IST)
Mode	Online
Participants	Postgraduate Students, Research Scholars, Postdoctoral Fellows, Faculty M
Application Processing Fees	■600/-

## Key Topics

- Density Functional Theory (DFT) & TDDFT
- Computational Luminescence
- Optical Trapping & Photonics Simulations
- Physics-Informed Neural Networks (PINNs)
- Monte Carlo Methods in Physics

## Why Attend?

- Exposure to contemporary computational methods in physics
- Linking theoretical concepts with simulations and AI-based modeling
- Strengthening research capability and advanced teaching practices

## Resource Persons

- Dr. Akshay Joshi – Govt. Dungar College, Bikaner
- Dr. Amol Nande – Guru Nanak College of Science, Ballarpur
- Dr. Praveen Parthasarathi – Dr. H. N. National College of Engineering, Bangalore
- Dr. Priya Mathur – Poornima Institute of Engineering & Technology, Jaipur
- Dr. Bhakti Rajvaidhya – G. H. Raisoni College of Engineering, Nagpur

## Registration

Register Here: <https://forms.gle/QgX8bQ3V1VUSo3U46>

## Contact

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