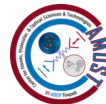


PLASMA 2025



40th PSSI National
Symposium on

Plasma Science and Technology

for Sustainable Future



Plasma
Processing Lab
IIT Tirupati

27-29 Dec 2025

Department of Physics
IIT Tirupati & IISER Tirupati

Yerpedu, Andhra Pradesh, INDIA



Abstract
submission
starts from

JULY
2025

Topics

Plasma Science and Engineering

- Plasma Fundamentals
- Plasma Diagnostics
- Computational Modelling and Simulation
- Artificial Intelligence and Data Science for Plasma
- Atomic and Molecular Data for Plasma Modelling
- Pulsed and Laser Plasma
- Quantum Computing for Plasma Simulation
- Exotic/Dusty Plasma
- Space and Astrophysical Plasma
- Fusion Science and Technology

Plasma Technology and Applications

- Environmental Applications
- Agriculture and Food Processing Applications
- Advanced Material Processing
- Plasma Etching and Deposition for Semiconductor Manufacturing
- Plasma Propulsion and Generation
- Plasma for Energy Applications
- Biomedical Applications
- Smart and Additive Manufacturing
- Plasma Application in Automotive Sector

Convener



Dr. Reetesh K Gangwar
Associate Professor
Dept. of Physics
IIT Tirupati



Dr. Shihabudheen M. M
Professor
Dept. of Civil Engg.
IIT Tirupati



Dr. S Sunil Kumar
Associate Professor
Dept. of Physics
IISER Tirupati



Sponsorship



TITLE SPONSOR

₹6,00,000

- Top-tier brand exposure on conference banners, website, abstract book, and promotional materials.
- Exclusive speaking slot in seminars and panel discussions to showcase expertise.
- Prime exhibition space at the conference venue for networking and product showcasing.
- Presentation/video advertisement during key conference sessions.
- Company branding on delegate kits, conference merchandise, and marketing materials.
- Special acknowledgment as the Title Sponsor in opening and closing ceremonies.
- First preference in media coverage, interviews, and press releases.
- Five complimentary conference registration.

PLATINUM

₹2,50,000



- Prominent logo placement on conference materials, website, and banners.
- Speaking opportunity in technical sessions or panel discussions.
- Premium exhibition stall at the venue.
- Advertisement slot during conference breaks.
- Recognition in conference publications and promotional materials.
- Three complimentary conference registrations

GOLD

₹2,00,000



- Logo display on conference website, banners, and abstract book.
- Exhibition space to interact with delegates.
- Company mention in selected conference sessions.
- Advertisement opportunities in printed materials and digital platforms.
- Two complimentary conference registrations

SILVER

₹1,25,000



- Logo display on conference website, banners, and abstract book.
- Exhibition space to interact with delegates.
- Company mention in selected conference sessions.
- One complimentary conference registration

BRONZE

₹75,000



- Logo presence on conference website and event material.
- Opportunity for standee poster placement at the venue.
- Featured advertisement in conference abstract book.

OTHERS

As per actual

- Event Sponsors include, High Tea, Lunch, Dinner, Cultural program,
- Symposium Kit, Tea/Coffee, etc.
- Benefit: As per expenses, respective category benefits will be given.

PLASMA 2025

Plasma science, engineering, and technology play a pivotal role in advancing modern industries, providing a unique environment rich in ions, neutrals, photons, and reactive species across diverse densities and energy distributions. These properties enable applications in semiconductor manufacturing, materials processing, surface modification, additive manufacturing, and precision etching, while also driving innovations in energy generation, fusion research, propulsion systems, and nanotechnology. Recent advancements in near-room-temperature plasma have expanded its use in biomedicine, environmental remediation, food processing, and sustainable agriculture. Ongoing research continues to drive scientific breakthroughs and industrial advancements, shaping the future of emerging technologies. The 40th Plasma 2025 Symposium, the nation's largest in this field, will bring together researchers, industry leaders, and policymakers to discuss the latest developments, challenges, and future directions for sustainable plasma aided technologies.

IIT Tirupati is a premier institution of national importance, established in 2015. The institute is situated on a sprawling 548.3 acre campus, complemented by an additional 19 acres allocated explicitly for innovation and entrepreneurial activities. Under the dynamic and visionary leadership of its founding director, **Prof. K.N. Satyanarayana**, it stands out as one of the fastest-growing among the 3G IITs. Renowned for its robust academic programs and pioneering research initiatives, the institute places a strong emphasis on innovation in engineering and technology. With state-of-the-art facilities, IIT Tirupati actively collaborates with industries and research organizations in India and abroad to foster technological advancements. As a burgeoning educational hub, it is committed to excellence in science and engineering, shaping the future of aspiring technologists and innovators.



INDIAN INSTITUTE OF TECHNOLOGY
TIRUPATI

IISER Tirupati is dedicated to fundamental research and education in science, emphasizing a research-driven learning approach in disciplines such as physics, chemistry, biology, mathematics, earth and climate sciences, and humanities and social sciences. The institute fosters a culture of academic excellence, advanced research, innovation, and technological development, contributing significantly to India's scientific and technological progress.



INDIAN INSTITUTE OF SCIENCE
EDUCATION AND RESEARCH
TIRUPATI

+91 8018 1190 14

plasma2025@iittp.ac.in

<https://www.ppliittp.com/plasma2025>