

FIRST INTERNATIONAL CONFERENCE ON **ADVANCES IN PLASMA SCIENCE AND TECHNOLOGY (ICAPST)**

12-14 February 2020

TOPICS

Plasma Research on

Basics & Diagnostics | Simulation and Modeling | Source Design
Surface Modification | Waste Management | Surface Coatings
Nano Science and Technology | Environmental Applications
Plasma in Electronics | Plasma in Medicine | Catalysis
Material Processing | Food Processing
Agricultural & Bio-Medical Applications

Organized by



SRI SHAKTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY

■ Approved by AICTE, New Delhi ■ Affiliated to Anna University, Chennai

■ Accredited by NAAC with 'A' Grade

L&T By-Pass, Chinnampalayam, Coimbatore - 641 062. Ph : 0422 - 2369900 www.siet.ac.in

PUBLICATIONS

Qualified papers will be published in a special issue of



IEEE

**IEEE Transactions on
Plasma Science**

Other accepted Papers will be published in (of interested author's)

IOPscience

Journal of Physics: Conference Series (JPCS)
(Indexed in SCOPUS, web of science, etc.)

&



SIET
Journals

Frontiers in Advanced Materials Research
(Indexed in GoogleScholars)

* The paper will be accepted after rigorous usual peer review process (as per IEEE standard & other journals norms)



IMPORTANT DATES

Submission of Abstract : 15-11-2019
Information about acceptance : 25-11-2019
Submission of full length paper : 15-12-2019



REGISTRATION FEES

PG Students/ Research Scholars : Rs. 5000
Academics Faculty : Rs. 6000
Participants from Industry : Rs. 10000
Foreign Delegates : 400 USD

Web : www.icapst.in

FIRST INTERNATIONAL CONFERENCE ON ADVANCES IN PLASMA SCIENCE AND TECHNOLOGY (ICAPST)

<https://www.icapst.in/>

Organized by
Department of Physics
Sri Shakthi Institute of Engineering and Technology
Coimbatore - 641062, India
12-14 February 2020



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ABOUT THE CONFERENCE

The conference is focused on plasma processing of materials using both non-thermal and thermal plasmas. Plasma processing is a promising technology to create surfaces with novel functional capabilities and characteristics for many emerging applications in a more rationally and eco-friendly manner. Plasma technology can be effectively and efficiently deployed for a wide range of applications from catalysis, sensors, medicine, self-cleaning surfaces, displays, fundamental and applied studies of surface, interface processes of critical importance to address the emerging technological challenges. Plasma processing is widely recognized as the key element in materials processes of primary importance in the health, energy, electronics, and environmental sectors.

This conference addresses the role of plasma in several of these applications and aims to promote cross-disciplinary interaction by bringing together experts from various fields of Plasma Physics, Materials Science, Food Technology, Agricultural Science, Pharmaceutical Science, Biotechnology and Biomedical Engineering. Experts from various Universities and International labs will be sharing their research experience and knowledge-base with the young faculty and research scholars. An important objective of this conference is to foster national and international collaborations.

The conference would focus on the state of the art developments and research opportunities in the following areas of plasma science and technology.

- Basics of plasma and diagnostics
- Plasma simulation and Modeling
- Plasma source design
- Plasma surface modification and biomaterial
- Plasma advanced material processing
- Plasma in medicine
- Plasma Catalysis and Nano science
- Plasma in agricultural and Bio-Medical application
- Plasma waste management
- Impact of plasma on environment.
- Plasma Nano science and technology

The conference would provide immense opportunities to young scientists, engineers and Research / Post-Graduate students working / aspiring to take up advanced research in the emerging areas of Plasma Science and Technology.



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|---------------------------------|--------------|
| Submission of Abstract | : 15-11-2019 |
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Note: Papers accepted for ICAPST will be published in a special issue of IEEE transactions on Plasma Science, IOP Conference series & Frontiers in Advanced Materials Research after usual peer refereeing process



REGISTRATION

Participants are requested to register in advance via the following link (<https://www.icapst.in/>). The registration fee includes conference kit, coffee breakst, working lunch etc.



REGISTRATION FEES (Before 03.12.2019)

| | |
|--------------------------------|-------------|
| PG Students/ Research Scholars | : Rs. 5000 |
| Academics Faculty | : Rs .6000 |
| Participants from Industry | : Rs. 10000 |
| Foreign Delegates | : 400 USD |



REGISTRATION FEES (After 03.12.2019)

| | |
|--------------------------------|-------------|
| PG Students/ Research Scholars | : Rs. 5500 |
| Academics Faculty | : Rs .6500 |
| Participants from Industry | : Rs. 10500 |
| Foreign Delegates | : 450 USD |



REGISTRATION PAYMENT LINK

We request you to use the below link to register and make registration payment : <https://www.icapst.in/>

Note, this is a secure link to Sri Shakthi online payment system. You should contact Dr. K. Navaneetha Pandiyaraj with any questions about the payments by email at navaneetharaj@siet.ac.in



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AWARDS AND REWARDS

BEST ORAL AND POSTER AWARDS

The Best Paper Award (oral and poster) will be consigned to the research scholars and young researchers who is adjudicated to have presented the best student paper at the conference. This best papers award is depends the marks afford by the evaluation committee and Conference Chair's own. They make the final decision on who receives this award

- First prize : Certificate with 10000 INR
- Second Prize : Certificate with 7500 INR
- Third Prize : Certificate with 5000 INR



CONTACT

Dr. K. NAVANEETHA PANDIYARAJ
Organizing Chair, ICAPST

E-Mail : navaneetharaj@siet.ac.in | Phone : +91-9786452504
Website : <https://www.siet.ac.in/>, <https://www.icapst.in/>