

AMITY SCHOOL OF APPLIED SCIENCES (ASAS)

Amity School of Applied Sciences is well established institute of Amity University, Lucknow Campus. It offers Post Graduate and Ph.D Programmes in Applied Sciences. Main focus of the institute is to pursue excellence in all endeavours and provide world-class education to the students as well as conduct research in emerging areas. Faculty comprises of ex-IITians and researchers including 22 doctoral degree holders. A number of research projects, including sponsored, are running in the institute.



Programmes Offered:

- Bachelor of Statistics
- Master of Statistics
- M.Sc. - Applied Physics/Applied Chemistry/ Applied Mathematics
- Ph.D - Applied Physics/Applied Chemistry/Applied Mathematics



CENTRAL ELECTRONICS ENGINEERING RESEARCH INSTITUTE (CSIR-CEERI)

CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI) is a constituent laboratory of Council of Scientific Research Institute (CSIR), New Delhi, India. The Institute was established in 1953 at Pilani, Rajasthan, India and has been involved for the growth of electronics in the country and for undertaking R&D in Electronics.

The various areas of research are Agri-Electronics, Embedded Systems, Digital Systems, Power Electronic, etc. The Institute (CSIR-CEERI) has developed as a Centre of Excellence for advanced research in electronics and advancement of technology. Over the years the institute has developed a number of products and processes and has established facilities to meet the emerging needs of electronics industry. Microwave tubes, semiconductor devices and electronics systems are the major R&D programmes of CSIR-CEERI.

www.ceeri.res.in

AMITY UNIVERSITY, LUCKNOW CAMPUS

Amity University, Lucknow Campus is a part of India's leading education group with a legacy of excellence spanning over two decades and campuses spread over 1,200 acres including 8 world-class universities, 18 schools & pre-schools, 150 top-ranked institutions and 11 overseas campuses across London, New York, California, Singapore, Mauritius, Dubai, Abu Dhabi, South Africa, China (Beijing & Nanjing) and Romania.

Amity University, Lucknow Campus is built on a foundation, which embodies all the qualities that have made Amity institutions world-class over the last two decades. Amity has instituted global standards in education, training and research with world-class infrastructure and the latest teaching methodologies. With the mission to train future leaders of the corporate world, the University strives to blend modernity with tradition in each of its students.

CAMPUS HIGHLIGHTS

- 40 acre hi-tech campus with state-of-the-art facilities
- Air-conditioned and amphitheatre style classrooms
- Well-stocked library with over 65,000 books & 17,000 journals
- On-campus hostel for 2,000 students

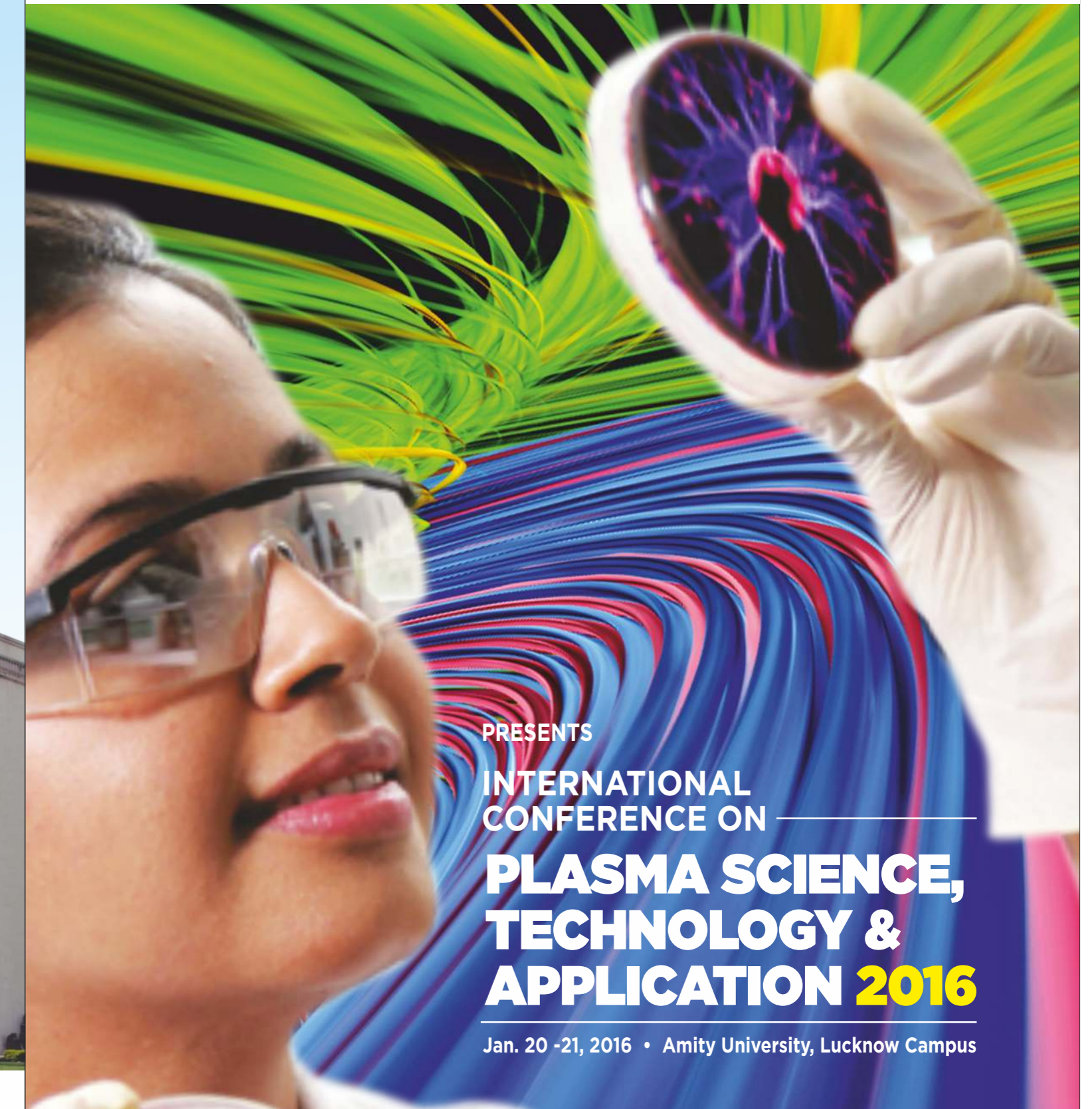


Amity University, Lucknow Campus: Malhaur (Near Railway Station),
Gomti Nagar Extension, Lucknow (UP) - 226028
Tel.: 0522-2399500 | Fax: 0522-2399610 | Website: www.amity.edu/lucknow

GRADE 'A'
ACCREDITED
BY



NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL



PRESENTS

INTERNATIONAL
CONFERENCE ON

**PLASMA SCIENCE,
TECHNOLOGY &
APPLICATION 2016**

Jan. 20 -21, 2016 • Amity University, Lucknow Campus



In collaboration with

CSIR - CENTRAL ELECTRONICS ENGINEERING
RESEARCH INSTITUTE (CEERI), PILANI, INDIA

Organised by

AMITY SCHOOL OF
APPLIED SCIENCES

INTERNATIONAL CONFERENCE

on

PLASMA SCIENCE, TECHNOLOGY AND APPLICATION 2016

January 20 & 21, 2016 • Amity University, Lucknow Campus

Plasma science & technology can play an important role in providing technological solutions for environmental, societal and industrial issues. One major application is nuclear fusion, as the ultimate source of energy. Some of the other fascinating applications are plasma medicine, lasers, dielectric barrier discharges, charged particle acceleration, micro and Nano-electronics, etc. As the application areas are growing, the need for better understanding of plasma science, related diagnostic methods and associated technologies is also increasing. The conference will address many such issues and also those related to environmental pollution and industry.

Lucknow, as a city, is in a unique position to hold this conference as almost all the educational & research institutions, having competence to carry out research in many application areas of plasma science, are located in close vicinity.

OBJECTIVES

- To share knowledge and experience in areas of plasma science and technology.
- To share information on emerging trends and innovative techniques from the researchers of various academic/research institutions and industrial organisations of India and abroad.
- To encourage the budding scholars to work towards related research areas.

FOCUS AREAS

Plasma Science & Technology

- Plasma Device Technology
- Plasma in Medicine
- Plasma Chemistry
- Low and High temperature Plasma
- Electrical Discharge including Dielectric Barrier Discharge
- Space Plasma
- Interaction of Electromagnetic waves with Plasma
- Modelling & Simulation

Applications

- Environment (waste treatment, water treatment)
- Medical (wound healing, sterilization)
- Laser, particle acceleration, Pulse Power Technology,

Microwaves, Communication

- Agriculture, Biotechnology and Biomaterials
- Flexible Electronics, Optical and Optoelectronic Devices
- Displays, Material Science, Nanotechnology, Thin film deposition process
- Automobile, Aerospace, Propulsion

CALL FOR ORAL/POSTER PAPER PRESENTATION

- We invite abstracts for oral and poster presentation for the conference. Accepted abstracts will be published in the conference abstract book.

- The format for the abstract should be following:-

Font: "Times New Roman". Title: BOLD (Font size-14). Affiliations: Font size-12

Text of abstract: Limit 400 words; font size 12; line spacing 1.0; should contain Introduction/Background, Aim/Objective, Methodology, Results and Conclusion, References.

Key words: Maximum 5 words

- While submitting the abstract, clearly mention the category (Oral/Poster)

Guidelines for poster: Poster should be of size of 3ft X 4 ft. The top of the poster should indicate title, author(s) and their affiliations. Content of the poster may be divided into: Abstract, Key words, Introduction, Methodology, Result, Conclusion and References.

Abstract submission: The abstract in proper format should be addressed to Prof. Asita Kulshreshtha, Convenor of the ICPSTA-2016 and should be sent to akulshreshtha@amity.edu on or before 30th December 2015.

CONFERENCE PUBLICATION

- A Souvenir will be published for the conference. This will contain the Abstract/Invited Talks and Oral/Poster presentations. This book will also contain the advertisement from organizations, Institutions, and Laboratories, Industries, etc. The advertisers can contact the Convenor for tariff and Payment Mode.

- Conference proceedings are proposed to be published in journals. Complete paper will be required from the authors. Formats for the same will be finalised with publishers and information will be shared with the participants. These papers will of course be peer reviewed.

EXHIBITION

Industries/Research Organisations/Publishers can exhibit their products/results during the conference. The Convenor can be contacted for this purpose for the tariff and other details.

LIST OF INVITED SPEAKERS

- Prof. H. Nishimura, Osaka University, Japan
- Prof. J. Jacoby, University of Frankfurt, Germany
- Prof. Dieter H.H. Hoffman, TU Darmstadt, Germany
- Prof. Avinash Pandey, VC, Bundelkhand University, India
- Prof. Dhiraj Bora, IPR, India
- Prof. A.K. Das, VC, Utkal University, India
- Mr. Nitin Srivastava, Samsung Electronics, South Korea
- Prof. Klaus Frank, University of Erlangen, Germany
- Dr. Anjali Sharma, IPR, India
- Prof. R. Murugan, Pondicherry University India
- Prof. N.P.S. Saini, Guru Nanak Dev University, Amritsar, India
- Dr. Ram Prakash, CSIR-CEERI, Pilani, India
- Dr. B.J. Lee, Pohang Accelerator Laboratory, South Korea
- Prof. Joy Thomas, IISc, Bengaluru, India
- Dr. U.N. Pal, CSIR-CEERI, Pilani, India

REGISTRATION FEE (₹):

Category	On Time (Up to 10th Jan. 2016)	On Spot (20-21 Jan.2016)
Students/Research Scholars	800	1000
Institutional/ University Delegates	1500	1700
Industry Delegates	2000	2500
Foreign Delegate	\$100	

MODE OF PAYMENT

Delegates can directly deposit the payment in the following account and send the receipt along with the registration form:

Account Name : Amity University, UP
Bank Name : Axis Bank Limited
Address : Lucknow Branch, 31/93 MG Marg,
Near Raj Bhawan, Lucknow.
Account No. : 053010100284066
Type of Account : Saving Account
IFS Code : UTIB0000053
MICR Code : 226211002

The registration fee can also be paid by Demand Draft (DD) drawn on any Nationalised Bank in favour of "Amity University Uttar Pradesh" payable at Lucknow. The Demand Draft should be attached with the duly filled Registration Form and sent by post to Prof. Asita Kulshreshtha, Convenor, ICPSTA-2016, Amity School of Applied Sciences, Amity University, Lucknow Campus, Near Malhaur Railway Station, Gomti Nagar Extension, Lucknow-226028, Uttar Pradesh, India.

Important: Kindly send a soft copy of duly filled registration form and abstract to the following e-mail akulshreshtha@amity.edu

NOTE: The registration form, can be downloaded from the website www.amity.edu/lucknow

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Organising Secretary

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- Dr. Devdutt Chaturvedi

Member

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- Dr. Sangita Bajpai
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- Dr. Anirudh Banerjee
- Mr. Anurag Prasad

FOR ANY QUERY PLEASE CONTACT:

Dr. Asita Kulshreshtha
akulshreshtha@amity.edu | Mobile: +91-9336664637

Dr. Gyan Prakash
+91-9838292007

Dr. Devdutt Chaturvedi
+91-895386023

WEATHER

In January, Lucknow has moderate cold weather. During day temperature ranges from 15-20°C and night will be still colder.

TRAVEL & ACCOMMODATION

HOW TO REACH LUCKNOW

By Air ✈

The Amausi Airport in Lucknow gets flight from many cities of India. The distance of 25 km from the airport to the campus can be covered by hiring a taxi.

By Train 🚂

Lucknow is a major junction of the Indian Northern railways and North eastern railways and is well-connected with all major cities in the country. The campus is situated at a distance of 15 km from the railway station.

By Road 🚗

Lucknow is well-connected through National Highways from Delhi, Kanpur, Agra, Allahabad, Varanasi and Dehradun. Regular bus services are available to reach Lucknow.

ACCOMMODATION

The accommodation will be arranged on request at the University guest house/hostel within the University premises on first-come first-serve basis. Accommodation is also available in city hotels. For further information kindly refer to conference web page or contact Convenor, ICPSTA – 2016.

LUCKNOW: THE CITY OF CULTURE

Lucknow is popularly known as 'City of Nawabs', situated on the banks of river Gomti. Lucknow has a glorious past and it dates back to the time of Suryavanshi dynasty. This city was founded by Nawab Asaf-ud-daula. There are many fascinating buildings like Imbarra (Bhool Bhulaiya), Roomi gate, Residency to name a few. Also the era of Nawabs bestowed Lucknow with the courteous culture as well as mouth-watering delicacies for which it is famous today also.

A numbers of national laboratories like CDRI, NBRI, IITR, CIMAP etc. and many reputed academic institutions like SGPGI, KGMU, Lucknow university etc. are situated in Lucknow giving the city a strong academic and scientific demeanour.