

Publication of Conference Proceeding:

All accepted abstracts will be published in the conference proceeding with ISBN no. and selected papers will be sent for publication in UGC index journal. The abstracts are invited on following sub areas under major track of the conference but not limited to :

Track-I: Material Science

- Material Science and Engineering
- Nano materials, Nano-composite materials and Nanotechnology
- Biosensors
- Biomaterials and Healthcare
- Fibers and Optic Materials
- Ceramics and Magnetic Materials
- Catalytic Materials
- Electrical, Optical, and Magnetic Materials
- Mining, Metallurgy and Materials Science
- Material Science in Construction Engineering

Track-II: Mathematical and Computational Techniques

- Mathematical Modelling
- Mathematics and computing
- Design and analysis of algorithms
- Functional programming
- The interplay of modeling and computational mathematics
- Communication theory
- Multivariate calculus and mathematical models
- Numerical stability in the presence of variable coefficients
- Complexity of linear circuits and geometry
- The mathematics of scientific computation
- Algorithmic information theory
- Algorithmic game theory
- Symbolic computation and computer algebra systems
- Computational linguistics

Track-III: Microstrip Antenna and Electronic Device Simulation

- Simulation of Electronic Circuit
- Techniques and tools for Simulation and Modelling
- Simulation of microstrip antenna
- Variability and reliability-aware design methodologies.
- Sensors and circuits for Process-Voltage-Temperature-Aging (PVTA) variation monitoring.
- Compensation techniques at device, circuit and system levels

Track-IV: Neural Networks and Artificial Intelligence

- Artificial Intelligence
- Big Data to AI
- Machine Learning
- Artificial Neural Networks and Deep Learning
- Computer vision and perception
- Fuzzy logic and Fuzzy Systems
- Robotics and Mechatronics
- Natural Language Processing
- Cognitive Systems
- Enterprise Artificial Intelligence
- Cloud Computing and Internet of Things

Dr. Rammanohar Lohia Avadh University Ayodhya, in association with International Academy of Physical Sciences(IAPS) Ayodhya Chapter intend to organize a Two day National Seminar on "Recent Advances in Material Sciences and Electronics" during 27-28 February 2019. The conference is first event of newly established IAPS Ayodhya Chapter, which is aimed to bring latest advancements in the forefront and provide exposure to the students as well as faculty in this area.

OBJECTIVE

The seminar will provide a platform to bring together industry professionals, academicians, and researchers from different organizations to exchange their views and ideas on the advancement in material science and electronics. The seminar will feature a comprehensive technical program offering numerous technical sessions with papers illustrating the latest technologies, applications and services. In addition, the conference program includes keynote talks from eminent speakers and renowned academicians together with the panel discussions and a poster exhibition.

ABOUT THE UNIVERSITY

Dr. Rammanohar Lohia Avadh University was established on March 4, 1975. Its residential setup is decorated with 09 regular PG departments, 13 self financed UG/PG departments, 03 Research Chairs and an Institute of Engineering & Technology. All of the five PG Science Departments namely Department of Physics & Electronics, Department of Mathematics & Statistics, Department of Biochemistry, Department of Microbiology and Department of Environmental Sciences have been accorded 'Centre of Excellence' by the State Government. The University at present is catering to about 5 lakh regular/private students through its residential wing and more than 600 affiliated colleges (spread over in the 8 adjacent districts) including 05 Medical Colleges, 04 Dental Colleges and 13 Nursing Colleges.

ABOUT IAPS

International Academy of Physical Sciences (IAPS), established on December 4, 1994 with its headquarters at Allahabad, is conceived as a scientific body incorporating various branches of Physical, Mathematical and Earth Sciences such as Physics, Chemistry, Mathematics, Statistics, Geology, Geophysics, Geography, Computer Science, Biochemistry, Biophysics, Bioinformatics etc. The IAPS is a scientific organization of nascent origin but it has already made its mark by involving in it through membership, fellowship and its activities, a large number of scientists of India and abroad, and its publications are helping in the expansion of scientific knowledge. It has organized twenty three international conferences and several symposia on interdisciplinary themes in collaboration with reputed institutions in India and abroad so far, which includes an international conference in this very university during 13-15 April 2018.

Account Details for Registration Fee submission are as follows:

Account Name: CONIAPS XXII, Account Number: 37307313683,
Bank: STATE BANK OF INDIA, Avadh University Branch, IFSC Code:
SBIN0018450, MICR Code: 224002012, Swift Code: SBININBB157

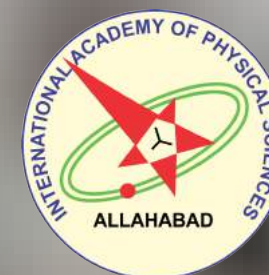
Important dates:

Paper Submission	: 10/02/2019
Acceptance Notification	: 15/02/2019
Camera-Ready	: 20/02/2019
Conference Dates	: 27-28/02/2019



National Seminar on Recent Advances in Material Science and Electronics (RAMSE-2019)

Organized by
**Dr. Rammanohar Lohia Avadh
University Ayodhya**
in association with
**International Academy of
Physical Sciences (IAPS)**



Registration Form

Name: _____

Qualification : _____

Area of Specialization: _____

Affiliation : _____

Mailing Address: _____

Mobile Number: _____

E-mail: _____

Accommodation Required: Yes/No
(If Yes, please Provide the following Information)

Duration for which accommodation is required _____

Mode of Payment (tick any one)

Cash DD E-Transfer

Date: _____ Signature of the Participant _____

About the Conference:

There will be four major tracks in this conference covering insights, progress and opportunities in these domains. There will be best paper award for each track of the conference, and a poster competition. The winners will be awarded with a trophy and appreciation certificate.

NOTE :

Limited Accommodation can be provided on payment basis to participants in University Guest House and Hostel, subject to availability, if informed in advance.

Organizing committee:

Chairman :Prof. Manoj Dixit
Vice Chancellor
Co-Chairman :Prof. S.N. Shukla
Pro Vice Chancellor
Convener :Prof. K.K. Verma
Organizing Secretaries :Dr. Naresh Kumar Chaudhary
Dr. Geetika Srivastava
Treasurer :Dr. Sindhu Singh
Members :Prof. R.K. Tiwari
Prof. S.R. Vishwakarma
Prof. Anupam Srivastava
Dr. Anil Kumar

Contact Us:

Dr. Geetika Srivastava
Associate Professor
Department of Physics and Electronics
Dr. Rammanohar Lohia Avadh University, Ayodhya

**Please email you abstracts to
gsrivastava@rmlau.ac.in**

Registration Fees :

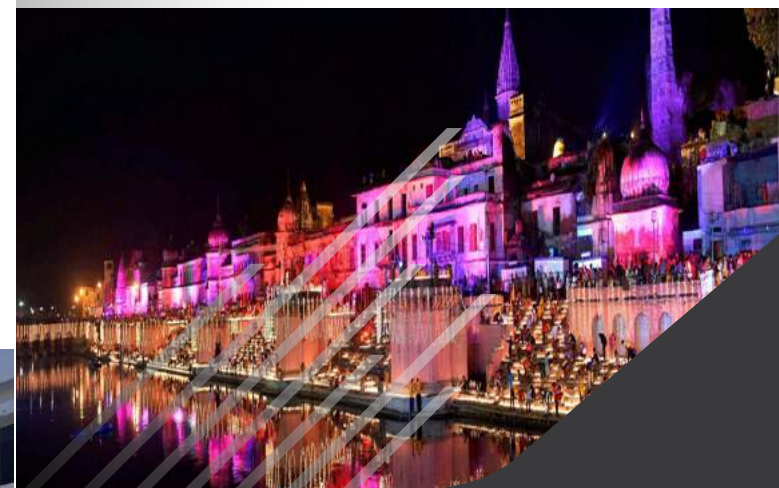
Industry	2000/-
Academia	1000/-
Students	600/-

A rebate of 20% will be provided to IAPS members



About the City :

The city of Ayodhya (that also includes the city formally known as Faizabad) is situated on the bank of Holy river Saryu, about 127Km east of Lucknow, the capital of U.P. province of India. The foundation of Faizabad city was laid by Nawab Saadat Khan (second Nawab of Awadh) whereas the city of religious and mythological importance, Ayodhya, is the birth place of Lord Rama and also known worldwide as a prominent Hindu pilgrimage place. With over 1500 Hindu temples, 05 Jain temples, 04 Sikh Gurudvaras, and over 100 of Muslim shrines and monuments the city has rich heritage of and several folk monuments and important tourist places. The popular visitor destinations are Gulab Bari, Bahu Begum Maqbara, Guptar Ghat, Bharat Kund, Cantonment Garden, Hanuman Garhi, Saryu Ghat, Nageshwar Nath temple, Kanak Bhawan, Rang Mahal temple, Jhunki Ghat garden, Ayodhya Research Centre, International Ram Katha Museum, Memorial to Korean Queen Huh etc.



Hospitality :

The conference registration fee includes conference kit, access to all technical sessions of conference, Lunch and tea during conference.