

Invited Speakers

Prof. D.D. Sarma, IISc Bangalore
Prof. K. Vijayamohanan Pillai, IISER Tirupati
Prof. G.U. Kulkarni, JNCASR & CeNS Bangalore
Prof. B. R. Mehta, IIT Delhi
Prof. D. Bahadur, IIT Goa
Prof. A. K. Ganguli, IIT Delhi
Prof. A.K. Tyagi, BARC Mumbai
Prof. A. Ramanan, IIT Delhi
Prof. T. Pradeep, IIT Madras
Prof. S. Sampath, IPC, IISc Bangalore
Prof. Arun Chattopadhyay, IIT Guwahati
Prof. Aninda J. Bhattacharyya, SSCU IISc Bangalore
Prof. K.V. Ramanujachary, Rowan University, USA
Prof. Sarbajit Banerjee Texas A&M University
Prof. Yuanbing Mao Univ. of Texas Rio Grande Valley
Prof. Amitava Patra, IACS Kolkata
Prof. Balaji R. Jagirdar, IPC, IISc Bangalore
Prof. Anil Kumar, IIT Roorkee
Prof. A. Sundaresan, JNCASR Bangalore
Prof. R. Nagarajan, University of Delhi
Prof. Eswaramoorthy M., JNCASR Bangalore
Prof. N.B. Singh, Sharda University, Greater Noida
Prof. Sebastian C Peter, JNCASR Bangalore
Prof. Sameer Sapra, IIT Delhi
Prof. C. Retna Raj, IIT Kharagpur
Prof. M.G. Krishna, University of Hyderabad
Prof. Ujjal K. Gautam, IISER Mohali
Prof. Sayan Bhattacharyya, IISER Kolkata
Prof. Amjad Ali, Thapar Institute, Patiala
Dr. Shalabh Gupta, AMES, Iowa State Univ. USA
Dr. Sasanka Deka, University of Delhi
Dr. K. Kailasam, INST Mohali
Dr. Angshuman Nag, IISER Pune

Address for Correspondence

Dr. Tokeer Ahmad

Convener NCAFM-2019
Associate Professor
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Registration Fees

Academic delegates	: Rs. 3000 /-
Delegates from Industry	: Rs. 10,000 /-
Students / Scholars	: Rs. 2000 /-
Students from JMI	: Rs. 1000 /-
Foreign delegates	: USD 200 /-
Spouse/Accompanying participant	: Rs. 1500 /-

The Registration fees include conference material, breakfast, lunch and dinner for the conference days. The fees must be sent to Dr. Tokeer Ahmad by DD drawn in favour of Registrar, Jamia Millia Islamia, payable at New Delhi, before the due date to confirm registration. The accommodation may be provided to the registered delegates in guest house, hotels and hostels on payment basis.

Note: A late fee of Rs. 500 will be charged for securing registration after November 15, 2019.

Important Dates

Submission of Abstracts	: October 31, 2019
Intimation to the Accepted Abstracts	: November 05, 2019
Submission of Registration fees	: November 15, 2019
Submission of full length papers	: November 30, 2019

Awards

Three best posters presented by students, below the age of 30 years, shall also be awarded.

Submission of Abstracts

Participants are requested to submit the abstract for poster presentation as word file not exceeding 250 words. It should be typed in Times New Roman style. The title should have font size 14, author(s) name, affiliation and email address of presenting as well as corresponding authors in size 10 and the text in font size 11. The abstract should be sent, preferably by e-mail to the convener (tahmad3@jmi.ac.in) on or before October 31, 2019. The committee proposes to publish the selected papers after peer review in the reputed journal if we receive sufficient number of full papers.

NCAFM-2019

National Conference on Advanced Functional Materials-2019

November 20-21, 2019

Organized by



Department of Chemistry
Jamia Millia Islamia
New Delhi

(Under the aegis of MHRD-SPARC Scheme)



Objective and Scope of Conference

Advanced functional materials are the backbone of Nanochemistry which is an interdisciplinary field involving the properties of matter and its applications to various areas of science and engineering. Research on advanced materials makes a strong connection between different fields in basic science, engineering and medical sciences. This conference aims to cover wide range of interdisciplinary topics dealing with various aspects of advanced functional materials. Recent progress in nanotechnology has opened doors to the production of much cheaper and more efficient tools for green energy. Properly designed nano-structures show superior efficiencies for solar-energy conversion, thermo-electric energy harvesting, biomass conversion to fuels, hydrogen storage and cost-effective electrodes for hydrogen generation. Likewise, nano-magnetic materials are the preferred choice for targeted drug delivery and contrast agents in clinical diagnostics. This conference would bring together fraternities from academics, research and corporates to discuss and exchange the state of art research & development and explore opportunities in the emerging areas of functional materials. It will also provide a platform to young researchers to interact with experts. The main topics to be discussed in the conference include:

- Synthesis and Characterization of Materials
- Nanomaterials, Nanocomposites, Nanostructures
- Advanced Functional Materials
- Advanced Structural Materials
- Multifunctional Applications of Materials
- Carbon Materials and Applications
- Materials for Energy Conversion and Storage
- Photo, Electro, Thermo Catalytic Hydrogen Generation
- Electrical, Magnetic, Optical and Electronic Properties of Solids
- Organic - Inorganic Hybrid Materials
- New High T_c Superconductors
- Ceramic and Cementitious Materials
- Catalytic and Sensing Materials
- Materials for Bio/Medical Applications
- Conducting Polymers and Polymer Composites
- Recent Advances in Chemistry

Program

The conference will consist of plenary lectures, invited talks and poster presentations.

About Us

The best time to visit Delhi is during February to April and August to November. The weather of Delhi in November is very pleasant and attracting.

Jamia Millia Islamia (JMI) is one of the Central Universities of India located in Delhi. It came into existence at Aligarh in 1920 during the Khilafat and Non-cooperation movement in response to Gandhiji's call to boycott government supported educational institutions and later was moved to Delhi. It became a Central University by an act of the Indian Parliament in 1988. JMI derives its name from Urdu language in which Jamia means University and Millia means National. Today, JMI is an ensemble of a multi layered educational system which covers all aspects of schooling, under-graduate, post-graduate and doctoral level education. It has 9 Faculties, 39 Departments and 27 centers belonging to different disciplines that have given an edge to it in terms of critical research in various areas.

How to reach Jamia Millia Islamia is located at the south-east corner of Delhi. It is well-connected to all parts of Delhi. From the Indira Gandhi International Airport, it is situated at a distance of 25 kms. From the New Delhi and Old Delhi Railway Stations, the distance to Jamia is about 16 kms. From the Inter State Bus Terminus, Kashmiri Gate the distance of Jamia is 20 kms.

The Department of Chemistry is one of the leading Departments of the Faculty of Natural Sciences, which is committed towards the intellectual and technological development of the society through the advancement of new scientific knowledge. The Department of Chemistry is actively pursuing teaching and research embracing both basic as well as applied areas of chemistry and provides access to comprehensive range of teaching and research facilities. The emphasis at the curricular level is to give a broad coverage to all branches of Chemistry while keeping with the interdisciplinary nature of the subject. Unending efforts are being made by the department to develop the well equipped research laboratories and dynamic research programmes, of both fundamental and applied nature. The department attracts an outstanding cohort of international as well as national undergraduate, postgraduate and Ph.D. students, and offers a vibrant class of teaching and research environment. The department is in the process to open M.Sc. Nanochemistry in the forthcoming academic session 2020-21.

Places to Visit The Red Fort, Qutab Minar, India Gate, Jamma Masjid, Rashtrapati Bhavan, Lotus Temple, Humayun's Tomb, Rajghat, Parliament House, Delhi Haat, Jantar Mantar, Akshar Dham.

Committees of the Conference

Chief Patron: Prof. Najma Akhtar, Vice Chancellor, JMI
Chairman: Prof. Amir Azam, Head, Department of Chemistry, JMI
Convener : Dr. Tokeer Ahmad
Co-Convener : Dr. Ufana Riaz

National Advisory Committee

Prof. Ashutosh Sharma, Secretary, DST New Delhi
Prof. V. Ramgopal Rao, Director, IIT Delhi
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Prof. Chandrabhas Narayana, JNCASR, Bangalore
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Prof. I.B. Sharma, ISCAS Jammu	Prof. Absar Ahmad, AMU
Prof. M. Thirumal, Delhi Univ.	Prof. M.A. Shah, NIT Srinagar
Prof. Altaf H. Pandith, Kashmir Univ.	Dr. Tabrez Khan, IIT Bhubaneswar
Prof. S. Bhattacharyya, IISER Kolkata	Dr. S. Deka, Delhi Univ.
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