



# ICNOC-2022

## International Conference on Nanotechnology: Opportunities & Challenges

ICNOC-2022  
(Nov. 28-29, 2022)



**Virtual Mode**



Organized by  
Department of Applied Sciences and Humanities  
Faculty of Engineering and Technology  
Jamia Millia Islamia, (A Central University)  
New Delhi - 110025, India

### About ICNOC-2022

International Conference on Nanotechnology; Opportunities & Challenges (ICNOC-2022) will be held at Jamia Millia Islamia (Central University), New Delhi during November 28-29, 2022. This conference is being organized by the Department of Applied Sciences and Humanities, Jamia Millia Islamia, New Delhi-110025. It will bring together leading scientists, academicians and industry experts working in the field nanotechnology to share their ideas and exchange information about latest research and developments. ICNOC-2022 will feature invited talks from national and international experts in nanotechnology and its applications. The conference will also provide an opportunity for industry experts to present the latest technologies and equipment available for research in the field of nanotechnology and its allied areas. It is an excellent opportunity for participants to get exposure to the latest developments in the field of nanotechnology.

### About the Department

Established in 1996, as one among the departments of the Faculty of Engineering and Technology, Department of Applied Sciences and Humanities offers three master programs namely; M.Sc. (Electronic), M.Tech. (Energy Science & Technology) and M.Tech. (Computational Mathematics). In addition to this, the department participates in the teaching of B.Tech. and M.Tech. programs offered by other departments of Faculty of Engineering & Technology. It is a multi-disciplinary department focusing on the research and development in the areas of nanotechnology, renewable energy, nanodevices, optical fiber sensors, environmental science, analytical chemistry, polymer and green chemistry, special functions, fuzzy logic, cryptography, differential geometry, multiple-criteria decision analysis and humanities.

### About Jamia Millia Islamia

Jamia Millia Islamia is one of reputed central universities of the country. The University, born off the Indian National Movement and patriotic fervor, was founded in response to a call by Mahatma Gandhi in 1920 to boycott the Government-supported institutions. It has become an ensemble of a multi-layered educational system that covers all aspects of schooling, under-graduate, post-graduate, M.Phil./ Ph.D., and post-doctoral education. With 9 faculties of learning, 38 teaching, and research departments, and over 27 centers of learning and research, the university attracts the brightest young minds from all over the country. In recent years Jamia has made significant strides. It got NAAC Accreditation with Grade 'A++' in 2020. The MHRD's National Institutional Ranking Framework (NIRF) placed it at the 6<sup>th</sup> position in the "University Ranking" for 2021. The University has been benchmarking in its teaching and research processes by increasing its interface with foreign educational institutions through faculty exchange, student exchange, joint research, joint conference, and joint publication. Internationalizing the university is being given top priority. The university is optimally using the GIAN and VAJRA initiatives of the Government of India to boost quality education and draw the best academic and research personnel to the university. The university is also encouraging entrepreneurship and innovation on the campus. Jamia Millia Islamia completed hundred years of its existence in 2020.

### Call For Paper

The purpose of International Conference on Nanotechnology; Opportunities & Challenges (ICNOC- 2022) is to bring together academicians, researchers, industry experts and students interested in the domain of nanotechnology and its allied fields. Papers presenting original work are invited in the areas listed below.

#### Nanoscience and Nanotechnology

- Nanomaterials
- Nanocomposites
- Nanofabrication and Nanoengineering
- Sensors and Actuators
- Nano Electronics
- Nano Photonics
- Nano Chemistry
- Modelling and Simulation
- Societal Concerns and Ethical Issues

#### Nanotechnology for Energy and Environment

- Renewable Energy
- Hydrogen Production, Storage and Transportations
- Energy Generation and Storage
- Solar Cells, Fuel Cells, Batteries and Supercapacitor
- Water treatment and filtration
- Other Energy and Environmental applications

#### Nanotechnology for Medical Sciences

- Nanomaterial for denture applications
- Nanotechnology in medicine
- Medicinal Nano-chemistry
- Nano biosensors
- Targeted cellular therapies
- Nanomedicine-fusing therapy and diagnostics
- Regenerative medicine and tissue engineering
- Nanoscale formulation and targeted drug delivery system

### Publications

The Abstract book of the conference will be published, which will include all the accepted abstracts. The authors must prepare one page abstract as per the given template ([www.icnoc22.com/downloads](http://www.icnoc22.com/downloads)). Select papers from the conference will be published by Springer as a proceedings book volume after proper peer review. For details, please visit [www.incoc22.com](http://www.incoc22.com)



### Who can participate?

- |                    |                        |
|--------------------|------------------------|
| ❖ Scientists       | ❖ Industry Personnel   |
| ❖ Academicians     | ❖ Students (U.G./P.G.) |
| ❖ Research Scholar |                        |



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## Important Dates

Action	Deadline
Submission of Abstract	September 10, 2022
Notification of Abstract Acceptance	September 30,2022
Registration	October 05, 2022
Full length paper Submission	October15, 2022
Notification of Full-length Paper Acceptance	November 10, 2022
Conference	November 28-29, 2022

## Registration

The registration will be done only through conference website ([www.icnoc22.com](http://www.icnoc22.com)).

Categories	On or Before 20 <sup>th</sup> Oct		After 20 <sup>th</sup> Oct	
	Indian	Foreign	Indian	Foreign
Student/Research Scholar	Rs. 500	50 USD	Rs. 1000	70 USD
Academicians/Scientist	Rs. 1000	75 USD	Rs. 2000	100 USD
Industry Personnel	Rs. 2000	100 USD	Rs. 4000	150 USD

**In case of any query, please contact;**

Conference Secretariat, ICNOC-2022

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