

INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY:
OPPORTUNITIES AND CHALLENGES, NOVEMBER, 28-29, 2022

**TENTATIVE SCHEDULE OF INAUGURAL DAY,
27th NOVEMBER, 2022**

Time (IST) From	Time (IST) To	Programme	By
15:30	15:35	Recitation of the Holy Qur'an	-----
15:35	15:40	Jamia Tarana	University Trana Team
15:40	15:45	Welcome Address	Dr. Mukesh Pratap Singh, Organizing Secretary, ICNOC - 2022
15:45	10:50	About ICNOC-2022	Prof. Zishan Husain Khan, Organizing Chair, ICNOC - 2022
15:50	16:00	Address of the Co-Patron	Prof. Ibraheem, Dean, Faculty of Engg. & Tech. Jamia Millia Islamia, New Delhi
16:00	16:05	Address of the Patron	Prof. Nazim Hussain Al-Jafri, Registrar, Jamia Millia Islamia, New Delhi
16:05	16:20	Address of the Guest of Honour	Prof. SABU THOMAS Vice-Chancellor, Mahatma Gandhi University, Kottayam, Kerala, India
16:20	16:35	Presidential Address	Padma Shri Prof. Najma Akhtar, Chief Patron, ICNOC-22 Vice-Chancellor, Jamia Millia Islamia, New Delhi, India
16:35	16:45	Address of the Chief Guest	Prof. Venugopal Achanta, Director, CSIR NPL, New Delhi, India
16:45	17:45	Keynote Address	Prof. Mohammad Khaja Nazeeruddin, EPFL (École Polytechnique Fédérale de Lausanne), Lausanne, Switzerland
17:45	17:50	Vote of thanks	Prof. Nafees Ahmad, Organizing Secretary, ICNOC - 2022
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**TENTATIVE SCHEDULE OF THE FIRST DAY,
28th NOVEMBER, 2022**

Time (IST) From	Time (IST) To	Programme	Programme	Programme
09:00	09:45	Plenary Talk – I (Prof. Mark Jackson)		
09:45	10:30	Plenary Talk – II (Prof. Sabu Thomas)		
10:30	11:00	Tea Break		
11:00	13:30	Session – 1 A	Session – 1 B	Session – 1 C
11:00	11:20	Invited Talk-1	Invited Talk-2	Invited Talk-3
11:20	11:40	Invited Talk-4	Invited Talk-5	Invited Talk-6
11:40	12:00	Invited Talk-7	Invited Talk-8	Invited Talk-9
12:00	13:30	Oral Presentation-1 A	Oral Presentation-1 B	Oral Presentation-1 C
13:30	14:00	Lunch Break		
14:00	16:10	Session – 2 A	Session – 2 B	Session – 2 C
14:00	14:20	Invited Talk-10	Invited Talk-11	Invited Talk-12
14:20	14:40	Invited Talk-13	Invited Talk-14	Invited Talk-15
14:40	15:00	Invited Talk-16	Invited Talk-17	Invited Talk-18
15:00	16:10	Oral Presentation-2 A	Oral Presentation-2 B	Oral Presentation-2 C
16:10	16:30	Tea Break		
16:30	18:00	Poster -I	Poster – II	Poster – III
16:30	18:00	Poster Presentation	Poster Presentation	Poster Presentation

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**TENTATIVE SCHEDULE OF THE SECOND DAY,
29th NOVEMBER, 2022**

Time (IST) From	Time (IST) To	Programme	Programme	Programme
09:00	11:00	Session – 1 A	Session – 1 B	Session – 1 C
09:00	09:20	Invited Talk-19	Invited Talk-20	Invited Talk-21
09:20	09:40	Invited Talk-22	Invited Talk-23	Invited Talk-24
09:40	10:00	Invited Talk-25	Invited Talk-26	Invited Talk-27
10:00	11:00	Oral Presentation-1 A	Oral Presentation-1 B	Oral Presentation-1 C
11:00	11:20	Tea Break		
11:20	13:30	Session – 2 A	Session – 2 B	Session – 2 C
11:20	11:40	Invited Talk-28	Invited Talk-29	Invited Talk-30
11:40	12:00	Invited Talk-31	Invited Talk-32	Invited Talk-33
12:00	13:30	Oral Presentation-2 A	Oral Presentation-2 B	Oral Presentation-2 C
13:30	14:00	Lunch Break		
14:00	15:40	Session – 3 A	Session – 3 B	Session – 3 C
14:00	14:20	Invited Talk-34	Invited Talk-35	Invited Talk-36
14:20	15:40	Oral Presentation-3 A	Oral Presentation-3 B	Oral Presentation-3 C
15:40	16:00	Plenary Talk – III (Prof. Tsong-Pyng Perng)		
16:00	16:45	Plenary Talk – IV (Prof. Stefano Bellucci)		
16:45	17:30	Tea Break		
17:30	19:00	Poster – I	Poster – II	Poster – III
17:30	19:00	Poster Presentation	Poster Presentation	Poster Presentation



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S.No.	Speakers	Name of Expert(s)	Title(s) of invited talk(s)
1.	Keynote Speaker	Prof. M. Nazeeruddin	Interfacial and compositional Engineering to Afford Efficient and Stable Perovskite Solar Cells and Modules”.
2.	Plenary Speaker-I	Prof. Mark Jackson	Commercialization of Micro and Nanotechnology Products
3.	Plenary Speaker-II	Prof. Stefano Bellucci	CBRN sensors based on two-dimensional materials and artificial intelligence
4.	Plenary Speaker-III	Prof. Tsong-Pyng Perng	Awaited
5.	Plenary Speaker-IV	Prof. Sabu Thomas	Circular Economy: New Opportunities in Sustainable Nano Materials and Polymer Bio-Nanocomposites
6.	Invited Speaker-1	Dr. Numan Salah	Carbon Nanostructures of Oil Fly Ash and their Potential Applications
7.	Invited Speaker-2	Prof. M. Ishaque Khan	Functional Materials for Sustainable Development
8.	Invited Speaker-3	Dr. Rahul Singhal	Awaited
9.	Invited Speaker-4	Dr. Sai Santosh Kumar Raavi	Linear and non-linear optical investigations of Lead-Free Halide Double Perovskites Nanocrystals
10.	Invited Speaker-5	Dr. M.V. Reddy	Recent advances in Nanomaterials for Energy and environments
11.	Invited Speaker-6	Prof. P. K. Bhatnagar	Systematic Development of OLEDs and Their Current Application
12.	Invited Speaker-7	Dr. Sanjay K. Srivastava	Silicon Surface Engineering for Low Cost and Efficient PEDOT:PSS/Silicon Hybrid Solar Cells'
13.	Invited Speaker-8	Dr. Sunil Singh Kushvaha	Epitaxial III-nitrides nanostructures and their applications



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S.No.	Speakers	Name of Expert(s)	Title(s) of invited talk(s)
14.	Invited Speaker-9	Prof. Lokendra Kumar	Understanding light-induced processes in emerging organo-metal halide perovskite materials and their photovoltaic device performance
15.	Invited Speaker-10	Prof. Beer Pal Singh	Metal Oxide Nanomaterials for Sensing and supercapacitor applications
16.	Invited Speaker-11	Prof. Sushil Kumar	Awaited
17.	Invited Speaker-12	Prof. Ameer Azam	Photocatalysis for wastewater purification: Process and Challenges
18.	Invited Speaker-13	Prof. P. Pradeep	Excimer Laser Synthesis of Elastomeric Fullerene Nano-Compounds : Toward Green Electronics
19.	Invited Speaker-14	Prof. Kedar Singh	Semiconducting Quantum Dots: Opportunities and Challenges
20.	Invited Speaker-15	Prof. Bijoy Kumar Kumar	Design, Fabrication and testing of Devices using magnetic Nano-structures
21.	Invited Speaker-16	Prof. Farhan J. Ahmad	Lymphocyte membrane camouflaged nanoparticles for treatment of Triple-negative breast cancer
22.	Invited Speaker-17	Prof. Deepa Ghosh,	Growth factor-free approach to improve bone healing using nanocomposites
23.	Invited Speaker-18	Dr. Kaushik Ghosh,	Strategy to Adopt Various Approaches for the Development of Sustainable Society
24.	Invited Speaker-19	Prof. Vamsi Krishna Komarala	Fabrication and characterization of carrier-selective contact silicon hetero-junction solar cells
25.	Invited Speaker-20	Dr S Neeleshwar	Development of environmentally friendly Thermoelectric Materials
26.	Invited Speaker-21	Dr. Ritu Shrivastava	Nanotechnology for Optoelectronics Devices: Materials and Devices
27.	Invited Speaker-22	Prof. G.D.Sharma	Recent advances in non-fullerene organic solar cells: Materials, device Physics and applications.



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S.No.	Speakers	Name of Expert(s)	Title(s) of invited talk(s)
28.	Invited Speaker-23	Dr. Dipankar Mandal	A Strategy in Self-Powered Wearable Sensors with Single-Active Material Comprised TENG
29.	Invited Speaker-24	Dr. Himani Sharma	Awaited
30.	Invited Speaker-25	Dr. Vijay Kumar	Nanotechnology in food and agriculture sensors
31.	Invited Speaker-26	Dr. Rehan Khan	LCS-1 entrapped Nanoparticle-mediated Synthetic Lethal Therapy of BLM-Defective Colorectal Cancer Cells
32.	Invited Speaker-27	Dr. Bidhan Pramanick	Awaited
33.	Invited Speaker-28	Prof. Somnath Chanda Roy,	One dimensional metal oxide nanostructures for photo-electrochemical solar energy conversion
34.	Invited Speaker-29	Dr. Ali Haider	Nanotechnology for Energy and Environment: Case Studies in Catalysis and Fuel Cells.
35.	Invited Speaker-30	Dr. Pratima Solanki	Smart nanomaterials for optical sensors application.
36.	Invited Speaker-31	Prof. Amarjeet Kaur	Role of nanocomposites of graphene derivatives for gas sensing applications
37.	Invited Speaker-32	Prof. D.K. Dwivedi	Development of 2D nanomaterial-based Surface Plasmon Resonance sensor for biomedical applications
38.	Invited Speaker-33	Prof. Inamur Rehman	Awaited
39.	Invited Speaker-34	Dr. Himanshu Aeran	Nanomaterials: The Promising Phase of Prosthodontics
40.	Invited Speaker-35	Prof. Manu Rathee	Nanotechnology applications in Prosthodontic Rehabilitation



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41.	Invited Speaker-36	Prof. Shaista Afroz	Application of nanomaterials in esthetic and restorative dentistry
42.	Invited Speaker-37	Prof. Bijay P Tripathi	Awaited
43.	Invited Speaker-38	Prof. Pooran Chand	Nanotechnology and Prosthodontics