



ICNOC-2022

INTERNATIONAL CONFERENCE
ON
NANOTECHNOLOGY: OPPORTUNITIES AND CHALLENGES (ICNOC-2022)
NOVEMBER, 28-30, 2022

FINAL SCHEDULE OF THE CONFERENCE, DAY ONE,
28th NOVEMBER, 2022

[Click here to Join](#)

Time (IST) From	Time (IST) To	PROGRAM	
11:00	13:30	INAUGURAL FUNCTION	
11:00	11:05	Recitation of the Holy Qur'an	
11:05	11:10	Welcome Address	Dr. Mukesh Pratap Singh Organizing Secretary, ICNOC - 2022
11:10	11:15	About ICNOC-2022	Prof. Zishan Husain Khan Organizing Chair, ICNOC - 2022
11:15	11:25	Address of the Co-Patron	Prof. Mini Shaji Thomas Dean, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi
11:25	11:30	Address of the Patron:	Prof. Nazim Hussain Al-Jafri Registrar, Jamia Millia Islamia, New Delhi
11:30	11:40	Address of the Guest of Honour	Prof. Sabu Thomas Vice-Chancellor, Mahatma Gandhi University, Kottayam, Kerala, India
11:40	12:05	Address of the Chief Guest	Prof. Venugopal Achanta Director, CSIR NPL, New Delhi, India
12:05	12:25	Presidential Address	Padma Shri Prof. Najma Akhtar Chief Patron, ICNOC-22, Vice-Chancellor, Jamia Millia Islamia, New Delhi, India
12:25	13:25	Keynote Address (Local Time :08:45 AM)	Prof. Mohammad Khaja Nazeeruddin EPFL (École Polytechnique Fédérale de Lausanne), Lausanne, Switzerland <i>Topic of Talk : Efficient and Stable Perovskite Solar Cells and Modules by Interfacial and compositional Engineering</i>
13:25	13:30	Vote of thanks	Prof. Nafees Ahmad Organizing Secretary, ICNOC - 2022
...NATIONAL ANTHEM			
13:30	14:00	BREAK	
14:00	17:00	PLENARY SESSION-I	
Session Chairman		Prof. V.K. Jain	
14:00	14:45	Plenary Address-I (Local Time 6:30 PM)	Prof. Hang T. Ta Griffith University, Brisbane, Australia <i>Title of Talk : Spiky silver-iron oxide nanoparticles: a new class of materials for highly efficient theragnostic of diseases such as thrombosis and cancer</i>
14:45	15:30	Plenary Address -II (Local Time 5:15 PM)	Prof. Tsong-Pyng Perng Chair Professor, Materials Science & Technology, National Tsing Hua University (NTHU), Hsinchu, Taiwan <i>Topic of Talk : Design of Solid Solution Oxide Nanotubes by Nanolamination of Atomic Layer Deposition</i>
15:30	17:00	PLENARY SESSION-II	
Session Chairman		Prof. P.K. Bhatnagar	
15:30	16:15	Plenary Address-III (Local Time 12:00 PM)	Prof. Stefano Bellucci Istituto Nazionale di Fisica Nucleare, Italy <i>Topic of Talk : CBRN sensors based on two-dimensional materials and artificial intelligence</i>
16:15	17:00	Plenary Address-IV	Prof. Sabu Thomas Vice-Chancellor, Mahatma Gandhi University, Kottayam, Kerala, India <i>Topic of Talk : Engineering at the Nanoscale: A Strategy for Developing High Performance Functional Materials from Biopolymers</i>
17:00	20:00	PLENARY SESSION-III	
Session Chairman		Prof. Suresh Chand Sharma	
17:00	17:45	Plenary Address-V (Local Time 07:30 AM)	Prof. M.V. Reddy Nouveau Monde Graphite (New Graphite world), Montréal, Québec, Canada <i>Topic of Talk : Recent advances Materials for Energy Storage and Sustainability</i>
17:45	18:30	Plenary Address-VI (Local Time 07:15 AM)	Prof. Mark Jackson Kansas State Polytechnic, Kansas, USA. <i>Topic of Talk : Commercialization of Nanotechnology Abrasive Products</i>
18:30	19:15	Plenary Address-VII (Local time 08:00 AM)	Prof. M Ishaque Khan Illinois Institute of Technology, Chicago, USA <i>Topic of Talk : Functional Materials for Sustainable Development</i>



ICNOC-2022

INTERNATIONAL CONFERENCE
ON
NANOTECHNOLOGY: OPPORTUNITIES AND CHALLENGES (ICNOC-2022)
NOVEMBER, 28-30, 2022

FINAL SCHEDULE OF THE CONFERENCE, DAY-02nd,
29th NOVEMBER, 2022

Time (IST) From	Time (IST) To	Track - A Nanoscience and Nanotechnology	Track - B Nanotechnology for Medical Science	Track - C Nanotechnology for Energy and Environment	Track - D Nanoscience and Nanotechnology
09:00	10:00	Session - 1A <i>Invited Talk</i>	Session - 1B <i>Invited Talk</i>	Session - 1C <i>Invited Talk</i>	Session - 1D <i>Invited Talk</i>
Session Links->		Join Link for Track-A	Join Link for Track-B	Join Link for Track-C	Join Link for Track-D
Session Chairman		Prof. Kedar Singh	Prof. Zeba Jafri	Prof. Majid Jameel	Prof. Pramod K. Singh
09:00	09:20	A-01: Prof. Suresh C. Sharma	B-01: Prof. Shaista Afroz	C-01: Prof. P.K. Bhatnagar	A-04: Prof. Somnath C. Roy
09:20	09:40	A-02: Prof. Beer Pal Singh	B-02: Prof. Farhan J. Ahmad	C-02: Prof. G.D. Sharma	A-05: Prof. Bijoy K. Kunar
09:40	10:00	A-03: Dr. Sai Santosh K. Raavi	B-03: Dr. Bidhan Pramanick	C-03: Prof. Vamsi Komarala	A-06: Prof. P. Pradeep
10:00	11:00	Session - 2A <i>Invited Talk</i>	Session - 2B <i>Invited Talk</i>	Session - 2C <i>Invited Talk</i>	Session - 2D <i>Invited Talk</i>
Session Chairman		Prof. Mohammad Zulfeqar	Prof. Maryem Sardar	Prof. Anwar Shahzad Siddiqui	Prof. S. M. Muzakkir
10:00	10:20	A-07: Prof. Sushil Kumar	B-04: Prof. D.K. Dwivedi	C-04: Prof. Ameer Azam	A-10: Prof. Vladimir S. Pavelyev
10:20	10:40	A-08: Dr. Fauzia Zia Haque	B-05: Dr. Pratima Solanki	C-05: Prof. Seema Garg	A-11: Dr. S. Neeleshwar
10:40	11:00	A-09: Prof. V.K. Jain	B-06: Dr. Himanshu Ojha	C-06: Prof. Pramod K. Singh	A-12: Dr. Sunder Singh
11:00	12:00	Session - 3A <i>Oral Presentation</i>	Session - 3B <i>Oral Presentation</i>	Session - 3C <i>Oral Presentation</i>	Session - 3D <i>Oral Presentation</i>
Session Chairman		Prof. Mohammed Suhaib	Prof. Nafis Ahmad	Prof. Iqbal Ali	Prof. Beer Pal
11:00	11:10	A-009	B-013	C-003	A-049
11:10	11:20	A-013	B-035	C-038	A-083
11:20	11:30	A-031	B-044	C-047	A-088
11:30	11:40	A-032	B-047	C-048	A-118
11:40	11:50	A-041	B-062	C-058	A-121
11:50	12:00	A-048	B-068	C-059	A-150
12:00	13:00	Session - 4A <i>Oral Presentation</i>	Session - 4B <i>Oral Presentation</i>	Session - 4C <i>Oral Presentation</i>	Session - 4D <i>Poster Presentation</i>
Session Chairman		Prof. M. Shahid Khan	Dr. Poonam Yadav	Dr. Sanjay Tyagi	Prof. M. Nizamuddin
12:00	12:10	A-160	B-077	C-104	A-001, A-002
12:10	12:20	A-170	B-083	C-078	A-005, A-010
12:20	12:30	A-203	B-088	C-084	A-011, A-012
12:30	12:40	A-209	B-102	C-088	A-014, A-016
12:40	12:50	A-239	B-106	C-093	A-017, A-018
12:50	13:00	A-265	B-107	C-095	A-020, A-021
13:00	14:00	Session - 5A <i>Poster Presentation</i>	Session - 5B <i>Poster Presentation</i>	Session - 5C <i>Poster Presentation</i>	Session - 5D <i>Poster Presentation</i>
Session Chairman		Dr. Fehmeeda Khatoun	Dr. Mohammad Abid	Dr. Sunil Singh Kushvaha	Prof. Ahmad Faizan Sherwani
13:00	14:00	A-022, A-023, A-024, A-025 A-026, A-027, A-028, A-030 A-033, A-035, A-036, A-037	B-001, B-002, B-004, B-006 B-007, B-008, B-009, B-010 B-011, B-012, B-014, B-016	C-001, C-002, C-004, C-005 C-006, C-007, C-008, C-010 C-011, C-014, C-015, C-016	A-039, A-040, A-042, A-043 A-045, A-046, A-047, A-051 A-052, A-053, A-054, A-055
14:00	15:00	Session - 6A <i>Poster Presentation</i>	Session - 6B <i>Poster Presentation</i>	Session - 6C <i>Poster Presentation</i>	Session - 6D <i>Poster Presentation</i>
Session Chairman		Dr. Sunder Singh	Dr. Shama Parveen	Prof. Saba Khan	Dr. Pratima Solanki
14:00	15:00	A-056, A-057, A-058, A-060 A-061, A-062, A-066, A-067 A-068, A-069, A-070, A-071	B-019, B-020, B-021, B-022 B-023, B-025, B-026, B-027 B-029, B-031, B-032, B-033	C-017, C-018, C-019, C-020 C-021, C-022, C-023, C-024 C-025, C-026, C-027, C-028	A-072, A-075, A-076, A-078 A-079, A-080, A-081, A-084 A-085, A-086, A-087, A-089
15:00	16:00	Session - 7A <i>Poster Presentation</i>	Session - 7B <i>Poster Presentation</i>	Session - 7C <i>Poster Presentation</i>	Session - 7D <i>Poster Presentation</i>
Session Chairman		Dr. Raza Shahid	Dr. Fauzia Zia Haque	Dr. Sanjay Srivastava	Dr. Md. Waseem Akram
15:00	16:00	A-090, A-092, A-093, A-094 A-095, A-096, A-099, A-100 A-101, A-102, A-103, A-104	B-034, B-037, B-039, B-040 B-041, B-042, B-043, B-045 B-046, B-048, B-049, B-050	C-029, C-030, C-031, C-032 C-033, C-034, C-035, C-036 C-037, C-040, C-041	A-105, A-106, A-107, A-108 A-109, A-110, A-111, A-112 A-113, A-115, A-116, A-117
16:00	17:00	Session - 8A <i>Poster Presentation</i>	Session - 8B <i>Poster Presentation</i>	Session - 8C <i>Poster Presentation</i>	Session - 8D <i>Poster Presentation</i>
Session Chairman		Dr. Islamuddin	Dr. Md Imtaiyaz Hassan	Dr. Ahteshamul Haque	Dr. Anver Aziz
16:00	17:00	A-119, A-120, A-123, A-124 A-125, A-126, A-127, A-128 A-130, A-131, A-132, A-133	B-051, B-052, B-053, B-054 B-055, B-056, B-059, B-060 B-061, B-063, B-064, B-065	C-042, C-043, C-044, C-046 C-049, C-050, C-052, C-053 C-054, C-055, C-056	A-135, A-136, A-137, A-140 A-141, A-142, A-143, A-144 A-145, A-146, A-147, A-148
17:00	18:00	Session - 9A <i>Poster Presentation</i>	Session - 9B <i>Poster Presentation</i>	Session - 9C <i>Poster Presentation</i>	Session - 9D <i>Poster Presentation</i>
Session Chairman		Dr. Prabhash Mishra	Dr. Rajan Patel	Dr. Sana Zafar	Dr. Javid Ali
17:00	18:00	A-151, A-152, A-153, A-154 A-155, A-156, A-157, A-158 A-161, A-162, A-163	B-066, B-067, B-069, B-071 B-072, B-073, B-075, B-076 B-078, B-079, B-080, B-081	C-057, C-060, C-063, C-064 C-065, C-066, C-067, C-068 C-069, C-070, C-071, C-073	A-164, A-165, A-166, A-167 A-169, A-171, A-172, A-173 A-174, A-175, A-176, A-177



ICNOC-2022

INTERNATIONAL CONFERENCE
ON
NANOTECHNOLOGY: OPPORTUNITIES AND CHALLENGES (ICNOC-2022)
NOVEMBER, 28-30, 2022

FINAL SCHEDULE OF THE CONFERENCE, DAY-03rd,
30th NOVEMBER, 2022

Time (IST) From	Time (IST) To	Track - A Nanoscience and Nanotechnology	Track - B Nanotechnology for Medical Science	Track - C Nanotechnology for Energy and Environment	Track - D Nanoscience and Nanotechnology
09:00	10:00	Session – 10A Invited Talk	Session – 10B Invited Talk	Session – 10C Invited Talk	Session – 10D Invited Talk
Session Links->		Join Link for Track-A	Join Link for Track-B	Join Link for Track-C	Join Link for Track-D
Session Chairman		Prof. Bijoy K. Kuanr	Prof. Rana Noor	Prof. Ameer Azam	Prof. Aurangzeb Khurram Hafiz
09:00	09:20	A-13: Dr. Prof. Kedar Singh	B-07: Prof. Avinash Bajaj	C-07: Prof. Lokendra Kumar	A-16: Prof. Amarjeet Kaur
09:20	09:40	A-14: Dr. Sunil Singh Kushvaha	B-08: Dr. Pooran Chand	C-08: Dr. Monika Prakash Rai	A-17: Dr. Himani Sharma
09:40	10:00	A-15: Dr. Kaushik Ghosh	B-09: Dr. Karunakar Kar	C-09: Dr. V. Ganapathy	A-18: Dr. Vijay Kumar
10:00	11:00	Session - 11A Poster Presentation	Session – 11B Poster Presentation	Session - 11C Poster Presentation	Session – 11D Poster Presentation
Session Chairman		Dr. M.P. Singh	Prof. Nafis Ahmad	Prof. Shamshad Ahmad Khan	Prof. Lokendra Kumar
10:00	11:00	A-178, A-179, A-180, A-181 A-182, A-183, A-184, A-185, A-186, A-188, A-189,	B-082, B-084, B-085, B-086 B-087, B-089, B-090, B-091 B-093, B-094, B-095, B-096	C-074, C-075, C-077, C-079 C-080, C-081, C-082, C-083 C-085, C-086, C-089, C-090	A-191, A-192, A-194, A-195 A-197, A-198, A-199, A-200 A-202, A-204, A-205, A-206
11:00	12:00	Session – 12A Poster Presentation	Session – 12B Oral Presentation	Session – 12C Oral Presentation	Session – 12D Poster Presentation
Session Chairman		Prof. Sajjad A. Loan	Prof. Maryem Sardar	Prof. Sirajuddin Ahmed	Prof. Weqar A. Siddiqui
11:00	11:10	A-207, A-210	B-109	C-061	A-226, A-228
11:10	11:20	A-211, A-213	B-111	C-131	A-229, A-230
11:20	11:30	A-214, A-215	B-113	C-163	A-231, A-232
11:30	11:40	A-219, A-221	B-119	C-164	A-233, A-234
11:40	11:50	A-222, A-223	B-139	C-167	A-235, A-237
11:50	12:00	A-224, A-225	B-153	C-181	A-238, A-240
12:00	13:00	Session – 13A Poster Presentation	Session – 13B Poster Presentation	Session – 13C Poster Presentation	Session – 13D Poster Presentation
Session Chairman		Dr. S. Intekhab Amin	Dr. Sadaf Fatima	Prof. Sabah Khan	Dr. Pallav Gupta
12:00	13:00	A-241, A-242, A-243, A-244 A-246, A-247, A-248, A-249 A-250, A-251, A-252, A-254	B-099, B-100, B-101, B-103 B-104, B-105, B-110, B-114 B-116, B-117, B-118, B-120	C-091, C-092, C-094, C-097 C-098, C-099, C-100, C-101 C-102, C-103, C-105, C-106	A-255, A-256, A-257, A-258 A-260, A-262, A-263, A-266 A-267, A-268, A-269, A-270
13:00	14:00	Session – 14A Poster Presentation	Session – 14B Poster Presentation	Session – 14C Poster Presentation	Session – 14D Poster Presentation
Session Chairman		Dr. Fehmeeda Khatoun	Dr. Avshish Kumar	Dr. Manika Khanuja	Dr. Seema Garg
13:00	14:00	A-271, A-272, A-273, A-274 A-275, A-276, A-277, A-278 A-279, A-280, A-281, A-284	B-122, B-123, B-124, B-125 B-126, B-127, B-128, B-129 B-130, B-131, B-133, B-134	C-107, C-108, C-109, C-110 C-111, C-112, C-113, C-115 C-116, C-117, C-119, C-120	A-285, A-287, A-289, A-290 A-292, A-291, A-293, A-294 A-295, A-296, A-297, A-298
14:00	15:00	Session-15A Poster Presentation	Session-15B Poster Presentation	Session-15C Poster Presentation	Session-15D Poster Presentation
Session Chairman		Dr. Samina Khan	Dr. Shama Parveen	Dr. Javid Ali	Dr. Mohd. Bilal Khan
14:00	15:00	A-299, A-300, A-301, A-302 A-303, A-305, A-306, A-309 A-310, A-311, A-312, A-313	B-135, B-136, B-137, B-138 B-140, B-141, B-142, B-144 B-146, B-147, B-148, B-151	C-121, C-122, C-123, C-124 C-125, C-126, C-127, C-128 C-129, C-132, C-133, C-134	A-314, A-315, A-316, A-317 A-217, A-218, B-152
15:00	16:00	Session – 16A Invited Talk	Session – 16B Invited Talk	Session – 16C Invited Talk	Session – 16D Invited Talk
Session Chairman		Prof. S.S. Islam	Prof. Mohd. Mudassir Hussain	Dr. Vineet Saini	Prof. Tarikul Islam
16:00	16:20	A-19: Prof. Jatin Kumar Rath	B-10: Dr. Rehan Khan	C-10: Dr. Arun Kumar	A-22: Prof. Deepa Ghosh
16:20	16:40	A-20: Dr. Numan Salah	B-11: Dr. Ramendra P. Pandey	C-11: Dr. Dipankar Mandal	A-23: Dr. Ritu Srivastava
16:40	17:00	A-21: Dr. S. Datta	B-12: Dr. Pramod Kumar Gupta	C-12: Dr. Sanjay Srivastava	A-24: Dr. Avshish Kumar
16:00	17:00	Session – 17A Poster Presentation	Session – 17B Poster Presentation	Session – 17C Poster Presentation	Session – 17D Poster Presentation
Session Chairman		Dr. Rahisuddin	Dr. Md Imtaiyaz Hassan	Dr. Islamuddin	Dr. Prabhash Mishra
16:00	17:00	C-135, C-136, C-137, C-138 C-139, C-140, C-141, C-142 C-143, C-144, C-145, C-147	C-148, C-149, C-150, C-151 C-152, C-153, C-154, C-155 C-156, C-157, C-158, C-159	C-161, C-162, C-165, C-166 C-168, C-169, C-170, C-171 C-172, C-173, C-174, C-176	C-177, C-180, C-182, C-183 C-184, C-185, C-186, C-187 C-188, C-190, C-191, C-192
17:00	18:00	Session – 18A Poster Presentation	Session – 18B Poster Presentation	Session – 18C Poster Presentation	
Session Chairman		Dr. Mohd. Bilal Khan	Dr. Sana Zafar	Prof. Shamshad Ahmad Khan	
17:00	18:00	C-193, C-194, C-195, C-196 C-197, C-198, C-199, C-201 C-202, C-203, C-204, C-206	C-208, C-209, C-210, C-212 C-213, C-214, C-215, C-216 C-217, C-218, C-219, C-220	C-222, C-223, C-224, C-225 C-226, C-227	



ICNOC-2022

INTERNATIONAL CONFERENCE
ON
NANOTECHNOLOGY: OPPORTUNITIES AND CHALLENGES (ICNOC-2022)
NOVEMBER, 28-30, 2022

INVITED TALKS

Invited Talk Code	Track	Conference Day	Invited Talks	Affiliation	Title of Invited Talks
A-01	Track-A	DAY-02	Prof. Suresh C. Sharma	Department of Applied Physics, Delhi Technological University, Delhi, INDIA	The Role of Plasma Enhanced Chemical Vapour Deposition (PECVD) Parameters on Performance of a Carbon Nanotube Field Effect Transistor (FET) Device
A-02	Track-A	DAY-02	Prof. Beer Pal Singh	Professor & Head, Department of Physics, Ch. Charan Singh University, INDIA	Semiconducting nanostructures for different sensing applications
A-03	Track-A	DAY-02	Dr. Sai Santosh K. Raavi	Indian Institute of Technology Hyderabad, Telangana, INDIA	Broadband Luminescent Low-Dimensional Halide Perovskites for Lighting Applications
A-04	Track-D	DAY-02	Prof. Somnath C. Roy	Department of Physics, IIT Chennai	Electrical conduction and breakdown mechanisms in single TiO ₂ and CuO nanostructures
A-05	Track-D	DAY-02	Prof. Bijoy K. Kumar	Special Centre for Nanoscience, Jawaharlal Nehru University, New Delhi, INDIA	Ferrite - Graphene Oxide nanocomposite based broad band Microwave Absorber
A-06	Track-D	DAY-02	Prof. P. Pradeep	Department of Physics, National Institute of Technology, Calicut, Kerala, INDIA	Excimer Laser Synthesis of Elastomeric Fullerene Nano-Compounds : Toward Green Electronics
A-07	Track-A	DAY-02	Prof. Sushil Kumar	Ch. Devi Lal University (CDLU), Haryana, INDIA	Microstructure, optical and enhanced photocatalytic performance of hydrothermally prepared metal oxides nanoparticles
A-08	Track-A	DAY-02	Dr. Fauzia Zia Haque	Optical Nanomaterials Lab, Department of Physics, Maulana Azad National institute of technology, Bhopal, M.P., 462003, India	Gas Sensing through Photoluminescence and Chemoresistive Methods: A Comparative study using Oxide Nanostructures for NH ₃
A-09	Track-A	DAY-02	Prof. V.K. Jain	Distinguished Scientist & Professor, Amity Institute of Advanced Research and Studies (Materials & Devices) & Amity Institute of Renewable and Alternative Energy, Amity University, Noida, INDIA	Fabrication of heterojunction on silicon nanowires on Si-chip for optical sensors
A-10	Track-D	DAY-02	Prof. Vladimir S. Pavelyev	Head of Nanoengineering Department, Director of Research and Educational Center (REC) of Nanotechnology, Samara National Research University, Russia	Diffraction Micro-Optics for Terahertz Studies
A-11	Track-D	DAY-02	Dr. S. Neeleshwar	University School of Basic & Applied Science, Guru Gobind Singh Indraprastha University (GGSIPU), Delhi, INDIA	Development of Environmentally friendly thermoelectric materials
A-12	Track-D	DAY-02	Dr. Sundar Singh	Department of Applied Physics, Mahatma Jyotiba Phule Rohilkhand University, Bareilly, INDIA	Organic Diluted Magnetic Semiconductors: A Path Towards Organic Spintronics
A-13	Track-A	DAY-03	Prof. Kedar Singh	School of Physical Sciences, Jawaharlal Nehru University, New Delhi, INDIA	Semiconducting Quantum Dots: Opportunities and Challenges
A-14	Track-A	DAY-03	Dr. Sunil Singh Kushvaha	Principal Scientist, Electrical and Electronics Metrology, CSIR-National Physical Laboratory, New Delhi, INDIA	Epitaxial III-nitrides nanostructures and their applications
A-15	Track-A	DAY-03	Dr. Kaushik Ghosh	Scientist- E, Institute of Nano Science and Technology (INST), Mohali, INDIA.	Strategy to Adopt Various Approaches for the Development of Sustainable Society
A-16	Track-D	DAY-03	Prof. Amarjeet Kaur	Department of Physics and Astrophysics, University of Delhi, Delhi, INDIA	Organic Gas Sensors : Reality in Future
A-17	Track-D	DAY-03	Dr. Himani Sharma	Department of Physics, Doon University, Dehradun, INDIA	TiO ₂ hybrids based nanostructures for photocatalytic applications and electrochemical investigations.
A-18	Track-D	DAY-03	Dr. Vijay Kumar	Scientist- E, Institute of Nano Science and Technology (INST), Mohali, INDIA.	Nanotechnology in food and agriculture sensors
A-19	Track-A	DAY-03	Prof. Jatin Kumar Rath	Dept of Physics, Indian Institute of Technology Madras, Chennai, INDIA	Crystalline silicon, a wonder material for 1st generation to 3rd generation solar cells: From wafers to nanosilicon and quantum dots
A-20	Track-A	DAY-03	Dr. Numan Salah	Center of Nanotechnology & Dept. of Nuclear Engineering, King Abdulaziz University (KAU), Jeddah, Kingdom of Saudi Arabia	Carbon Nanostructures of Oil Fly Ash and their Potential Applications
A-21	Track-A	DAY-03	Dr. Soumya Dutta	Department of Electrical Engineering, Indian Institute of Technology Madras, Chennai, INDIA	Making of Nanometer Thin Suspended Bridge on Chip: A Way toward Reduced Graphene Oxide-based Nanoelectromechanical System
A-22	Track-D	DAY-03	Prof. Deepa Ghosh	Scientist- F, Institute of Nano Science and Technology (INST), Mohali, INDIA.	Growth factor-free approach to improve bone healing using nanocomposites
A-23	Track-D	DAY-03	Dr. Ritu Srivastava	Sr. Principal Scientist, Advanced Materials and Devices Metrology Division, CSIRNPL New Delhi, INDIA	Nanotechnology for Optoelectronics Devices: Materials and Devices
A-24	Track-D	DAY-03	Dr. Avshish Kumar	Amity Institute for Advanced Research and Studies (Materials & Devices), Amity University, Noida, INDIA	Development of a Breath Analyzer for tuberculosis detection using silicon nanowires based heterostructures on Si-chip
B-01	TRACK-B	DAY-02	Prof. Shaista Afroz	Dr. Z A Dental college, Aligarh Muslim University, INDIA	Application of nanomaterials in esthetic and restorative dentistry



ICNOC-2022

INTERNATIONAL CONFERENCE
ON
NANOTECHNOLOGY: OPPORTUNITIES AND CHALLENGES (ICNOC-2022)
NOVEMBER, 28-30, 2022

Invited Talk Code	Track	Conference Day	Invited Talks	Affiliation	Title of Invited Talks
B-02	TRACK-B	DAY-02	Prof. Farhan J. Ahmad	School of Pharmaceutical Education & Research, Jamia Hamdard University, New Delhi, INDIA	Development And Optimization Of Intelligent Leucocyte Membrane Camouflaged Nanoparticles Containing Combinatorial Drugs For Management of Triple Negative Breast Cancer.
B-03	TRACK-B	DAY-02	Dr. Bidhan Pramanick	School of Engineering Sciences, IIT Goa, INDIA	Green-Synthesized Nanoparticle Modified Glassy Carbon Sensor for Glucose Sensing
B-04	TRACK-B	DAY-02	Prof. D.K. Dwivedi	Department of Physics & Material Science, MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY, Gorakhpur, INDIA	Development of 2D nanomaterial-based Surface Plasmon Resonance sensor for biomedical applications
B-05	TRACK-B	DAY-02	Dr. Pratima Solanki	Special Centre for Nanoscience, Jawaharlal Nehru University, New Delhi, INDIA	Role of Nanomaterials For Antibiotic Detection And Their Degradation
B-06	TRACK-B	DAY-02	Dr. Himanshu Ojha	Scientist "E" CBRN Protection & Decontamination Research Group Institute of Nuclear Medicine and Allied Sciences, Defence Research and Development Organisation, Delhi, INDIA	SILYLATED GRAPHENE OXIDE COMPOSITES AS A NOVEL STRATEGY IN EFFECTIVE REMOVAL OF TOXIC INDUSTRIAL CHEMICAL (FORMALDEHYDE)
B-07	TRACK-B	DAY-03	Prof. Avinash Bajaj	Regional Centre for Biotechnology, Department of Biotechnology, Government of India, INDIA	Unlocking the Potential of Nanomaterials to Address the Unmet Biomedical Needs
B-08	TRACK-B	DAY-03	Dr. Pooran Chand	Department of Prosthodontics, Faculty of Dental Sciences, King George Medical University, Lucknow, INDIA	Nanotechnology in dentistry
B-09	TRACK-B	DAY-03	Dr. Karunakar Kar	School of Life Sciences, Jawaharlal Nehru University, New Delhi, INDIA	Nanostrategy to Target Amyloid Aggregation
B-10	TRACK-B	DAY-03	Dr. Rehan Khan	Scientist- D, Institute of Nano Science and Technology (INST), Mohali, INDIA.	Therapeutic Nanoparticles for the Management of Experimental Inflammatory Arthritis
B-11	TRACK-B	DAY-03	Dr. Ramendra P. Pandey	Dept. of Biotechnology/Microbiology/Bio. Engineering SRM University, Delhi-NCR, Sonapat, India.	Repurposed drugs acting on host mechanisms of T. cruzi invasion synergize with Benznidazole: New therapies for Chagas disease
B-12	TRACK-B	DAY-03	Dr. Pramod Gupta	Department of Bionano Engineering, Center for Bionano Intelligence Education and Research, Hanyang University, Ansan 426-791, South Korea	Bimetallic alloy-based nanozymes for the rapid and sensitive quantification of disease-related biomarkers
C-01	TRACK-C	DAY-02	Prof. P.K. Bhatnagar	Professor Emeritus, Department of Electronic Science, University of Delhi, INDIA	Advances in Organic Light Emitting Diodes (OLEDs) and Their Present State of Art 2022
C-02	TRACK-C	DAY-02	Prof. G.D. Sharma	Department of Physics, The LNM Institute of Information Technology, Rajasthan, INDIA	Recent Advances in Fullerene Free Organic Solar Cells: Materials and Device Physics and Applications
C-03	TRACK-C	DAY-02	Prof. Vamsi Komarala	Department of Energy Science and Engineering, India Institute of Technology Delhi, Delhi, INDIA	Fabrication and characterization of carrier-selective contact based silicon solar cells
C-04	TRACK-C	DAY-02	Prof. Ameer Azam	Department of Applied Physics, Aligarh Muslim University, Aligarh, INDIA	Photocatalysis for wastewater purification: Process and Challenges
C-05	TRACK-C	DAY-02	Prof. Seema Garg	Amity Institute of Applied Sciences, Amity University, Noida, INDIA	Green nano photocatalysts and their immobilization for easy recovery and enhanced photocatalytic activity
C-06	TRACK-C	DAY-02	Prof. Pramod K. Singh	Department of Physics, Sharda University, Knowledge Park-III, Greater Noida, INDIA	Plastic Waste materials for energy applications
C-07	TRACK-C	DAY-03	Prof. Lokendra Kumar	Department of Physics, University of Allahabad, Prayagraj, INDIA	Understanding light-induced processes in emerging organo-metal halide perovskite materials and their photovoltaic device performance
C-08	TRACK-C	DAY-03	Prof. Monika Prakash Rai	Amity Institute of Biotechnology, Amity University, Noida, INDIA	REVEALING THE ROLE OF TiO2 NANOPARTICLES ON ASTERARCYS sp. MRN2 sp. BIOMASS AND LIPID YIELD FOR IMPROVED BIODIESEL PRODUCTION
C-09	TRACK-C	DAY-03	Dr. Ganapathy Veerappan	Centre for Solar and Energy materials, International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Balapur, Hyderabad 500005, India.	Hole conductor and Metallic cathode free Perovskite Solar Cells
C-10	TRACK-C	DAY-03	Dr. Arun Kumar Chandrasekhar	Department of Sensors and Biomedical Technology, School of Electronics Engineering, Vellore Institute of Technology, Vellore, Tamil Nadu, INDIA	Fundamentals of Triboelectric Nanogenerator for Powering Portable Devices And it's Smart Self-powered Applications
C-11	TRACK-C	DAY-03	Dr. Dipankarr Mandal	Quantum Materials and Devices Unit, Institute of Nano Science and Technology, Mohali, INDIA	A Strategy in Self-Powered Wearable Sensors with Single Active Material Comprised TENG
C-12	TRACK-C	DAY-03	Dr. Sanjay Srivastava	Principal Scientist, CSIR-National Physical Laboratory, New Delhi, INDIA	Silicon Surface Engineering for Low Cost and Efficient PEDOT:PSS/Silicon Hybrid Solar Cells'