

IUMRS-ICA 2022 Programme Overview

Day 1 – 19th December 2022, Monday

Time (IST)						
08:00	09:00	Registration (Jnan Chandra Ghosh Lecture Hall Complex, IIT Jodhpur)				
09:00	10:00	Inauguration – Hall 1 (110)				
10:00	11:00	Plenary Talk 1 – Umesh V Waghmare, JNCASR Bangalore, Hall 1 (110)				
11:00	11:30	High Tea				
		Hall-1 (110)	Hall-2 (308)	Hall-3 (105)	Hall-4 (106)	Hall 5
11:30	12:00	<i>IT-1A</i> Ananth Dodabalapur <i>University of Texas, USA</i>	<i>IT-3A</i> Sunil Kumar <i>IIT Indore</i>	<i>IT-5A</i> Prashant Sonar <i>QUT Australia</i>	<i>IT-7A</i> Sundaresan A. <i>JNCASR Bangalore</i>	
12:00	12:30	<i>IT-1B</i> Satinder Sharma <i>IIT Mandi</i>	<i>IT-3B</i> Pawan Kumar <i>IMRE Singapore</i>	<i>IT-5B</i> Subho Dasgupta <i>IISC Bangalore</i>	<i>IT-7B</i> Subhankar Bedanta <i>NISER Bhubaneswar</i>	
12:30	12:45	<i>OT-1A</i> Aman Baunthiyal <i>University of Bremen</i>	<i>OT-3A</i> Mohd. Faraz <i>IIT Delhi</i>	<i>OT-5A</i> Arpana Parihar <i>CSIR-AMPRI Bhopal</i>	<i>OT-7A</i> Tuhin Maity <i>IISER Tvm.</i>	
12:45	13:00	<i>OT-1B</i> Saswata Halder <i>Bose Institute, Kolkata</i>	<i>OT-3B</i> Sangeeta Khare <i>IIT Delhi</i>	<i>OT-5B</i> Ankur Solanki <i>PDEU Gandhinagar</i>	<i>OT-7B</i> Madhusmita Swain <i>IIT Jodhpur</i>	
13:00	14:00	Lunch Break				
14:00	15:00	MRSI Silver- Jubilee International Medal – Judith Driscoll, Cambridge University, UK - Hall 1 (110)				
15:00	15:30	<i>IT-2A</i> Venimadhav Adyam <i>IIT Kharagpur</i>	<i>IT-4A</i> Vinayak Kamble <i>IISER Tvm.</i>	<i>IT-6A</i> Arindam Ghosh <i>IISc Bangalore</i>	<i>IT-8A</i> Devendra Singh Negi <i>IIT Jodhpur</i>	
15:30	16:00	<i>IT-2B</i> Dinesh Kabra <i>IIT Bombay</i>	<i>IT-4B</i> Ankur Gupta <i>IIT Jodhpur</i>	<i>IT-6B</i> Vivek Polshettiwar <i>TIFR Mumbai</i>	<i>IT-8B</i> Pradeep Kumar <i>IIT Mandi</i>	IUMRS ECM (Only for council members)
16:00	16:15	<i>OT-2A</i> Tarik Aziz <i>IIT Bombay</i>	<i>OT-4A</i> Tapan Kumar Paul <i>PDEU Gandhinagar</i>	<i>OT-6A</i> Prakash Chandra <i>PDEU Gandhinagar</i>	<i>OT-8A</i> Aloysius Daniel <i>Carl Zeiss, India</i>	
16:15	16:30	<i>OT-2B</i> P.K. Senguttuvan <i>JNCASR Bangalore</i>	<i>OT-4B</i> Saurav Kumar Guin <i>NU Ireland</i>	<i>OT-6B</i> H.C. Sudeeksha <i>Horiba India Pvt. Ltd.</i>	<i>OT-8B</i> Kiran Baraik <i>RRCAT Indore</i>	
16:30	18:00	Poster Session Themes (15,16,17,18) + Tea Break				
18:00	19:00	Evening Talk 1 - Santanu Chaudhury, Director IIT Jodhpur , Hall 1 (110)				
19:30	21:00	Dinner				

Day 2 – 20th December 2022, Tuesday

Time (IST)					
09:00	10:00	Plenary Talk 2 - Chennupati Jagadish, ANU Australia , Hall 1 (110)			
10:00	10:30	MRSI Medal Lecture 1 - R.S. Ningthoujam, BARC Mumbai, Hall 1 (110)			
10:30	11:00	MRSI Medal Lecture 2 - Suddhasatwa Basu, IMMT Bhubaneswar , Hall 1 (110)			
11:00	11:30	Tea Break			
		Hall-1 (110)	Hall-2 (308)	Hall-3(105)	Hall-4(106)
11:30	12:00	<i>IT-1C</i> Apurba Laha <i>IIT Bombay</i>	<i>IT-3C</i> Neeraj Khare <i>IIT Delhi</i>	<i>IT-5C</i> Krishanu Biswas <i>IIT Kanpur</i>	<i>IT-7C</i> Debakanta Samal <i>IOP Bhubaneshwar</i>
12:00	12:30	<i>IT-1D</i> Raquel Giulian <i>Federal University Brazil</i>	<i>IT-3D</i> Sanjay Singh <i>IIT BHU</i>	<i>IT-5D</i> Dipak K. Goswami <i>IIT Kharagpur</i>	<i>IT-7D</i> Chandana R Rath <i>IIT BHU</i>
12:30	12:45	<i>OT-1C</i> Kalisadhan Mukherjee <i>PDEU Gandhinagar</i>	<i>OT-3C</i> Koteswara Rao Peta <i>University of Delhi</i>	<i>OT-5C</i> Bishnu Pandey <i>University of Allahabad</i>	<i>OT-7C</i> Sujay Chakravarty <i>UGC-DAE CSR Indore</i>
12:45	13:00	<i>OT-1D</i> Sanjay Kedia <i>IUAC Delhi</i>	<i>OT-3D</i> Suresh Sripada <i>JNTU Hyderabad</i>	<i>OT-5D</i> Akhilesh C Joshi <i>BARC Mumbai</i>	<i>OT-7D</i> Madhuri W <i>VIT Vellore</i>
13:00	14:00	Lunch Break			
14:00	15:00	Plenary Talk 3 – Rodrigo Ferrão de Paiva Martins, FCL UNL Portugal, Hall 1 (110)			
15:00	15:30	<i>IT-2C</i> Sebastian Peter <i>JNCASR Bangalore</i>	<i>IT-4C</i> P. K. Giri <i>IIT Guwahati</i>	<i>IT-6C</i> Kausik Majumdar <i>IISc Bangalore</i>	<i>IT-8C</i> Taka-Aki Yano <i>Tokushima University, Japan</i>
15:30	16:00	<i>IT-2D</i> Chandra S Sharma <i>IIT Hyderabad</i>	<i>IT-4D</i> Hyoun Woo Kim <i>Hanyang University, Korea</i>	<i>IT-6D</i> P.K. Sahoo <i>IIT Kharagpur</i>	<i>IT-8D</i> V. Balakrishnan <i>IIT Mandi</i>
16:00	16:15	<i>OT-2C</i> Jai Khare <i>RRCAT Indore</i>	<i>OT-4C</i> Mansha Kansal <i>DTU Delhi</i>	<i>OT-6C</i> Sriparna Chatterjee <i>IMMT Bhubaneshwar</i>	<i>OT-8C</i> Bogdan Sava <i>Quantum Design, India</i>
16:15	16:30	<i>OT-2D</i> Subhash Chander <i>CSIO Chandigarh</i>	<i>OT-4D</i> Sandeep Singh Chauhan <i>IIT Delhi</i>	<i>OT-6D</i> Sapna Ranwa <i>NIT Durgapur</i>	<i>OT-8D</i> Althaf Hussain <i>Fukuoka University, Japan</i>
16:30	18:00	Poster Session Themes (14,6,10,11,12,13) + Tea Break			
18:00	19:30	Cultural Program			
19:30	21:00	Dinner			

Day 3 – 21st December 2022, Wednesday

Time (IST)						
09:00	10:00	Plenary Talk 4 - Satish B Ogale, IISER Pune , Hall 1 (110)				
10:00	10:30	MRSI Medal Lecture 3- Deepthy Menon, Amrita Vishwapeetham, Kochi , Hall 1 (110)				
10:30	11:00	MRSI Medal Lecture 4- Asit Baran Panda, NML, Jamshedpur , Hall 1 (110)				
11:00	11:30	Tea Break				
		Hall-1 (110)	Hall-2 (308)	Hall-3 (105)	Hall-4 (106)	Hall-5
11:30	12:00	<i>IT-9A</i> B. B. Kale <i>C-MET Pune</i>	<i>IT-11A</i> Samaresh Das <i>IIT Delhi</i>	<i>IT- 13A</i> Parveen Bazard <i>Univ. of South Florida</i> <i>USA</i>	<i>IT- 15A</i> M. S. Ramachandra Rao <i>IIT Madras</i>	
12:00	12:30	<i>IT-9B</i> Vikram Rathee <i>Georgetown University,</i> <i>USA</i>	<i>IT-11B</i> Mukesh Kumar <i>IIT Ropar</i>	<i>IT-13B</i> Asha Bhardwaj <i>IISc Bangalore</i>	<i>IT-15B</i> Shyamal Chatterjee <i>IIT Bhubaneswar</i>	
12:30	12:45	<i>OT-9A</i> Manish Singh <i>RRCAT Indore</i>	<i>OT-11A</i> Debendra Prasad Panda <i>JNCASR Bangalore</i>	<i>OT-13A</i> Mamta Chahar <i>PP Savani University</i>	<i>OT-15A</i> Amit Kumar <i>IIT Jodhpur</i>	
12:45	13:00	<i>OT-9B</i> Madhusmita Sahoo <i>BITS Pilani</i>	<i>OT-11B</i> S. Sindhu <i>BITS Pilani</i>	<i>OT-13B</i> Arpita Dey <i>Pondicherry University</i>	<i>OT-15B</i> Ujwal Chitnis <i>IIT Delhi</i>	
13:00	14:00	Lunch Break				
14:00	15:00	Plenary Talk 5 - Samit K. Ray, IIT Kharagpur, Hall 1 (110)				
15:00	15:30	<i>IT-10A</i> P. Mahadevan <i>S. N. Bose Kolkata</i>	<i>IT-12A</i> O.P. Thakur <i>SSPL Delhi</i>	<i>IT-14A</i> S.N. Piramanayagam <i>NTU Singapore</i>	<i>IT-16A</i> Ashok K Ganguli <i>IIT Delhi</i>	
15:30	16:00	<i>IT-10B</i> S. Appalakondaiah <i>IIT Jodhpur</i>	<i>IT-12B</i> Govind Gupta <i>NPL, New Delhi</i>	<i>IT-14B</i> Alexey Mikhaylov <i>Lobachevsky University Russia</i>	<i>IT-16B</i> Saikat Bhaumik <i>ICT Bhubaneswar</i>	MRSI council meeting (Only for council members)
16:00	16:15	<i>OT-10A</i> Wasay Mudassir <i>TCS Research</i>	<i>OT- 12A</i> Surajit Das <i>CEERI Pilani</i>	<i>OT-14A</i> Neeraj Goel <i>NSUT Delhi</i>	<i>OT-16A</i> Rahul Kumar <i>PDEU Gandhinagar</i>	
16:15	16:30	<i>OT-10B</i> Dheerendra Singh <i>BITS Pilani</i>	<i>OT-12B</i> Geetanjali Vashisht <i>RRCAT Indore</i>	<i>OT- 14B</i> Kumaran Rengaswamy <i>IIT Madras</i>	<i>OT-16B</i> SK Mourya <i>BITS Pilani</i>	
16:30	18:00	POSTER SESSION THEMES (1,7,8,9) + TEA BREAK				
18:00	19:00	MRSI AGM				
19:30	21:00	Banquet Dinner				

Day 4 – 22nd December 2022, Thursday

09:00	10:00	CNR Rao Prize Lecture in Advanced Materials - G U Kulkarni, JNCASR, Bangalore, Hall 1 (110)			
10:00	10:30	MRSI Medal Lecture 5- S V Rao, University of Hyderabad, Hyderabad, Hall 1 (110)			
10:30	11:00	MRSI Medal Lecture 6- T N Narayanan, TIFR Hyderabad, Hall 1 (110)			
11:00	11:30	Tea Break			
		Hall-1 (110)	Hall-2 (308)	Hall-3 (105)	Hall-4 (106)
		<i>IT-9C</i> Mrinmoy De <i>IISc Bangalore</i>	<i>IT-11C</i> P.C. Mondal <i>IIT Kanpur</i>	<i>IT-13C</i> Terry W.J. Steele <i>NTU Singapore</i>	<i>IT-17A</i> S.M. Yusuf <i>BARC Mumbai</i>
11.30	12:00				
12:00	12:30	<i>IT-9D</i> Pawan K. Kulriya <i>JNU Delhi</i>	<i>IT-11D</i> Rajamalli P <i>IISC Bangalore</i>	<i>IT-13D</i> Jayasree R.S. <i>SCTIMST Tvm.</i>	<i>IT-17B</i> Raghavendra Reddy <i>UGC-DAE CSR, Indore</i>
12:30	12:45	<i>OT-9C</i> Anitha Kumar <i>M.G. University, Kerala</i>	<i>IT-11D</i> Vinod Singh <i>DTU Delhi</i>	<i>IT-13 E</i> Ramesh Raliya <i>IFFCO Gandhinagar</i>	<i>OT-17A</i> Subhajit Pal <i>QMU, UK</i>
12:45	13:00	<i>OT-9D</i> Saleem khan <i>RRCAT Indore</i>			<i>OT-17B</i> Khyati Anand <i>IIT BHU</i>
13:00	14:00	Lunch Break			
14:00	14:30	MRSI Medal Lecture 7- S T Aruna, NAL Bangalore, Hall 1 (110)			
14:30	15:00	MRSI Medal Lecture 8- Bhanu Bhusan Khatua, IIT Kharagpur, Hall 1 (110)			
15:00	15:30	<i>IT-10C</i> Saswata Bhattacharya <i>IIT Delhi</i>	<i>IT-12C</i> S S Barala <i>DRDO Jodhpur</i>	<i>IT-14C</i> Srinjoy Mitra <i>Edinburgh University, UK</i>	<i>IT-18A</i> Tanmoy Maiti <i>IIT Kanpur</i>
15:30	16:00	<i>IT-10D</i> Atul Sharma <i>IIT Jodhpur</i>	<i>IT-12D</i> Ramesh Chandra <i>IIT Roorkee</i>	<i>IT-14D</i> Shaibal Mukherjee <i>IIT Indore</i>	<i>IT-18B</i> Kanwar S. Nalwa <i>IIT Kanpur</i>
16:00	16:15	<i>OT-10C</i> Tilak Das <i>IIT Kharagpur</i>	<i>OT-12C</i> Payal Taya <i>RRCAT Indore</i>	<i>OT-14C</i> Sergey Shchanikov <i>MI VSU</i>	<i>IT-18C</i> Shahab Ahmad <i>IIT Jodhpur</i>
16:15	16:30	<i>OT-10D</i> Abhishek Aggarwal <i>TCS</i>	<i>OT-12D</i> Komal Bapna <i>CSIR-NPL New Delhi</i>	<i>OT-14D</i> Mousam Sahu <i>IOP Bhubaneshwar</i>	
16:30	18:00	POSTER SESSION THEMES (2,3,4,5) + TEA BREAK			
18:00	18:15	G C Jain Lecture 1: Nirman Chakraborty, Weizmann Institute of Science, Israel, Hall 1 (110)			
18:15	18:30	G C Jain Lecture 2: Arpita Roy, IIT Dhanbad, Hall 1 (110)			
18:30	18:45	G C Jain Lecture 3: Subhajit Dutta, Basque center for materials, applications & nanostructures, Spain, Hall 1 (110)			
18:45	19:00	G C Jain Lecture 4: Suresh Bandi, NIT Warangal, Hall 1 (110)			
19:00	19:10	Students projects proposal presentation 1: Shelly Singla, Thapar Institute of Engineering and Technology Patiala, Hall 1 (110)			
19:30	21:00	Dinner			

Day 5 – 23rd December 2022, Friday

Time (IST)					
09:00	10:00	MRSI Distinguished materials Scientist of the year award- D D Sarma, <i>IISc Bangalore</i> , Hall 1 (110)			
10:00	10:30	MRSI Medal Lecture 9- Rajneesh Misra, <i>IIT Indore</i> , Hall 1 (110)			
10:30	11:00	MRSI Medal Lecture 10- Ajay Singh, <i>BARC, Mumbai</i> , Hall 1 (110)			
11:00	11:30	Tea Break			
		Hall-1 (110)	Hall-2 (308)	Hall-3 (105)	Hall-4 (106)
11.30	12:15	MRSI Material Science Annual Prize 1- Kulamani Parida, <i>Centre for nanoscience and technology, Bhubaneswar</i> , Hall 1 (110)			
12:15	13:00	MRSI Material Science Annual Prize 2 - Tata Narasinga Rao, <i>ARCI Hyderabad</i> , Hall 1 (110)			
13:00	14:00	Lunch Break			
14:00	14:30	MRSI Medal Lecture 11- Ram Janay Choudhary, <i>UGC-DAE-CSR, Indore</i> , Hall 1 (110)			
14:30	15:00	MRSI Medal Lecture 12- N Vijayan, <i>NPL New Delhi</i> , Hall 1 (110)			
15:00	15:30	<i>IT-15C</i> Ayan Roy Chaudhuri <i>IIT Kharagpur</i>	<i>IT-16C</i> Rajendra Dhaka <i>IIT Delhi</i>	<i>IT-17C</i> Ranjith Ramadurai <i>IIT Hyderabad</i>	<i>IT-18D</i> Madhab C. Das <i>IIT Kharagpur</i>
15:30	16:00	<i>IT-15D</i> Jitendra Singh <i>CEERI Pilani</i>	<i>IT-16D</i> K L Yadav <i>IIT Roorkee</i>	<i>IT-17D</i> Debraj Choudhury <i>IIT Kharagpur</i>	<i>IT-18E</i> Chandramouli S. <i>IIT Bombay</i>
16:00	16:15	<i>OT-15C</i> Sandeep Nagar <i>Malvern Panalytical</i>	<i>OT-16C</i> Ashok Bhakar <i>RRCAT Indore</i>	<i>OT-17C</i> MLV Mahesh <i>DMRL Hyderabad</i>	<i>OT-18A</i> Moumita Mukherjee <i>Adamas University</i>
16:15	16:30	<i>OT-15D</i> Mousri Paul <i>SINP Kolkata</i>	<i>OT-16D</i> Jyotisman Bora <i>IASST, Assam</i>	<i>OT-17D</i> Ajoy Mandal <i>IIT Kharagpur</i>	<i>OT-18B</i> Jhimli Paul Guin <i>UC Dublin, Ireland</i>
16:30	17:00	Closing Ceremony			
17:00	17:30	High Tea and Departure			

S. No.	Theme	Invited/Oral Talks (IT/OT)	Invited/Oral Talks (IT/OT)	Invited/Oral Talks (IT/OT)	Invited/Oral Talks (IT/OT)	Invited/Oral Talks (IT/OT)
1	Semiconductor Materials and Devices	1A	1B	1C	1D	
2	Materials for Photovoltaics, Fuel Cells, and Batteries	2A	2B	2C	2D	
3	Thermoelectric and piezoelectric Materials	3A	3B	3C	3D	
4	Materials and Devices for Sensors and Transducers	4A	4B	4C	4D	
5	Materials, Processing, and Devices for Flexible Electronics	5A	5B	5C	5D	
6	2D Materials and Applications: Graphene and Beyond Graphene	6A	6B	6C	6D	
7	Magnetic, Spintronics and Superconductor materials	7A	7B	7C	7D	
8	Advanced Fabrication and Characterization of Materials and Devices	8A	8B	8C	8D	
9	Advanced Functional Materials and Applications	9A	9B	9C	9D	
10	Computational Materials and Applications	10A	10B	10C	10D	
11	Materials and Devices for Displays and Optoelectronics	11A	11B	11C	11D	11E
12	III-V and II-VI material and Devices	12A	12B	12C	12D	
13	Biomaterials, Soft, and Nature Inspired Materials and Applications	13A	13B	13C	13D	13E
14	Neuro-inspired Memory and Quantum Computing Materials and Devices	14A	14B	14C	14D	
15	Materials for Oxide Electronics	15A	15B	15C	15D	
16	Nanomaterials: Synthesis and Devices	16A	16B	16C	16D	
17	Dielectric and Ferroelectric Materials	17A	17B	17C	17D	
18	Materials for Energy and Environment	18A	18B	18C	18D	18E