iSNIOE² 2026

INTERNATIONAL CONFERENCE ON SUSTAINABLE NANOMATERIALS INTEGRATION & ORGANIZATION FOR ENERGY AND ENVIRONMENT (iSNIOE²) -2026

January 19-22, 2026

Organized by

Department of Physics
Shiv Nadar Institution of Eminence Deemed to be University, Delhi NCR, India

TECHNICAL PROGRAM

Venue (G Block)

Plenary, Parallel Sessions I (Room A) and Parallel Sessions II (Room B) are in the G210 room

DAY-1 (Monday, Jan 19, 2026)		
8:00-9:15	**Registration+ Breakfast**	
9:15-9:45	**Inauguration**	
	Chair: Prof. Susanta Sinha Roy (SNIoE, India)	
9:45-10:25	**Plenary talk 1:** Prof. Vijay Kumar (SNIoE, India) *Playing with atoms at the nanoscale using quantum calculations for novel materials*	
10:25-11:05	**Plenary talk 2:** Prof. Daria Andreeva – Baeumler (National University of Singapore, Singapore) *Membranes and functional materials for sustainable water, gas & resource recovery technologies*	
11:05-11:35	**Tea break**	
	Parallel Sessions I	**Parallel Sessions II**
	Theme: Energy **Chair:** Prof. Daria Andreeva – Baeumler (National University of Singapore, Singapore)	**Theme: Quantum materials and spintronics** **Chair:** Prof. Abir De Sarkar (INST Mohali, India)
11.35 -12.05	**Keynote talk K1** Prof. Somnath Chanda Roy (IIT Madras, India) *One dimensional nanostructured materials for applications in energy conversion and environmental pollution control*	**Keynote talk K2** Dr. Aaron LAU Chit Siong (A*STAR Quantum Innovation Centre (Q.Inc), Singapore) *Engineering low-dimensional quantum materials for nanoelectronics and quantum device applications*
12.05 -12.35	**Keynote talk K3** Prof. Manoj A G Namboothiry (IISER-TVM, India) *Solution-Processed Photovoltaic Devices: A Pathway to Flexible and Sustainable Solar Energy*	**Keynote talk K4** Prof. Abhishek Singh (IISc Bangalore, India) *AI-based Hierarchical Representations of Materials for Structure–Property Prediction*

12.35-12:55	**Invited talk I01** Dr. Daniele Versaci (Politecnico di Torino, Italy) *Enhancing scalability and sustainability of next-gen LIBs anode through optimized dual-binder design.*	**Invited I02** Dr. Jaivardhan Sinha (SRMIST, India) *Ultrathin film Heterostructures for Energy Efficient Magnetic Memory Devices.*
13:00-14:00	**Lunch (G- Block Ground Floor)**	
	Parallel Sessions I	**Parallel Sessions II**
	Theme: Energy **Chair:** Prof. Rakesh Joshi (UNSW, Australia)	**Theme: Quantum materials and spintronics** **Chair:** Prof. Vijay Kumar (SNIoE, India)
14:00-14:30	**Keynote talk K5** Prof. Ekaterina V. Skorb (ITMO University, Russia) *AI-Driven Design of Biomimetic Interfaces: From Patterned Materials to Cellular Communication*	**Keynote talk K6** Prof. Abir De Sarkar (INST Mohali, India) *Insights into the breaking of Inversion Symmetry in 2D Materials: Piezoelectricity and Spin-Orbitronics*
14:30-15:00	**Keynote talk K7** Prof. Amartya Mukhopadhyay (IIT Mumbai, India) *'Layered' transition metal oxides as cathode materials for Na-ion batteries: Composition, Structure - Environmental stability - Electrochemical behaviour*	**Keynote talk K8** Prof. Goutam Dev Mukherjee (IISER Kolkata, India) *From Structure to Shine: Pressure-Driven Luminescence in Halide - Perovskites*
15:00 -15:30	**Keynote talk K9** Prof. Prabeer Barpanda (IISc Bangalore, India) *Exploration of Oxide Cathodes for Secondary Zn-ion Batteries: Two Case Studies*	**Keynote talk K10** Dr. Tanuja Mohanty (JNU, Delhi, India) *Defect-Induced Quantum Emission from GO-hBN using Swift Heavy Ion Irradiation*
15:30-16:00	**Keynote talk K11** Prof. Julia Amici (Politecnico di Torino, Italy) *Polymer-based electrolytes towards safer lithium metal batteries*	**Keynote talk K12** Prof. Govind Gupta (CSIR-NPL, India) *Two-Dimensional Metal Chalcogenides for Neuromorphic Computing*
16:00-16:30	**Tea Break**	
	Parallel Sessions I	**Parallel Sessions II**
	Theme: Energy **Chair:** Prof. Rakesh Joshi	**Theme: Quantum materials and spintronics** **Chair:** Prof. Vijay Kumar (SNIoE, India)
16:30 -17:00	**Keynote talk K13** Prof. Amir Karton (University of New England, Australia *Catalysis in Flatland by Inert Graphene*	**Keynote talk K14** Sekhar Chandra Ray (ITER, Siksha O Anusandhan deemed to be University, India) *Possible magnetic performances of Graphene, Graphene-Oxide (GO) and GO-Nano-composites*
17:00 -17:20	**Invited I03** Dr. Anupma Thakur (IISc, Bangalore, India) *Atomistic Design of Two-dimensional MXenes for Green Energy Applications*	**Invited I04** Dr. Upendra Pandey (SNIoE, India) *Molecular Alignment–Driven Charge Transport in Discotic Liquid Crystals and Their Role in Perovskite Interface Engineering*
17.20 – 19.00	**Campus Tour**	
19:30-21:00	**Dinner (G- Block Ground Floor)**	

DAY-2 (Tuesday, Jan 20, 2026)		
8:00-9:30	**Registration+ Breakfast**	
	Chair: Prof. Vijay Kumar	
9:30-10:10	***Plenary talk 3:*** *Prof. Masamichi Yoshimura (Toyota Technological Institute, Japan)* *Nanoscale Modification and Characterization of 2D Materials: From SPM to Tip-Enhanced Raman Spectroscopy*	
10:10-10:50	***Plenary talk 4:*** *Prof. Minna Hakkarainen (KTH, Sweden)* *Sustainable polymers with built-in circularity*	
11:00-11:30	**Tea break**	
	Parallel Sessions I	**Parallel Sessions II**
	Theme: Energy **Chair:** Prof. Samarendra Pratap Singh (SNIoE, India)	**Theme: Quantum materials and spintronics** **Chair:** Prof. Sujit Tandel (SNIoE, India)
11:30 -12:00	**Keynote talk K15** Prof. Damia Mawad (UNSW, Sydney) *Flexible electronic devices for biomedical applications*	**Keynote talk K16** Prof. Saswata Bhattacharya (IIT Delhi, India) *Emergent Valley-Driven Functionalities in 2D Magnetic Materials: From Hidden Berry Curvature to Switchable Valley Hall Effects*
12:00 -12:30	**Keynote talk K17** Prof. Kumar Varoon Agrawal (EPFL Valais Wallis, Sion, Switzerland) *Two-dimensional films for challenging separations: fundamental science-driven scalable fabrication*	**Keynote talk K18** Dr. Jyoti Ranjan Mohanty (IIT Hyderabad, India) *Creation and manipulation of magnetic spin texture in ferrimagnetic thin film system for application*
12:30 -13:00		**Keynote talk K19** Prof. Sumeet Walia (RMIT University, Australia) *Ultra-thin materials for next-generation electronics and optoelectronics technologies*
13:00-14:00	**Lunch (G- Block Ground Floor)**	
	Parallel Sessions V	**Parallel Sessions VI**
	Theme: Energy **Chair:** Prof. Rakesh Joshi (UNSW, Australia)	**Theme: Quantum materials and spintronics** **Chair:** Prof. Aloke Kanjilal (SNIoE, India)
14:00-14:20	**Invited I05** Dr. Katchala Nanaji (IIT-Bhilai, India) *Rethinking Electrode Manufacturing for Lithium-Ion Batteries: From Wet Slurry Casting to Dry Electrode Coating*	**Invited I06** Dr. Akash Kumar (Tohoku University, Sendai, Japan) *Scalable and Programmable Spin Hall Nano-Oscillator Networks: From Phase- Tunable Synchronization to Networks of 100,000 nano-oscillators*
14:20-14:40	**Invited I07** Dr. Christie Thomas Cherian (Digital University Kerala) *Hierarchical Pore Engineering of Biomass-Derived Carbon Cathodes for Rechargeable Aluminium Batteries*	**Invited I08** Dr. Bheemalingam Chittari (IISER Kolkatta, India) *Flatbands, landau levels, Hall conductivity and Hofstadter butterfly in large-angle twisted bilayer graphene: A high pressure study*
14:40-15:00	**Invited I09** Dr. Kanishka DeSilva (Toyota Technological Institute, Japan) *Development of Stable and Efficient Carbon-Based Cobalt Catalysts for Mild-Condition Ammonia Production.*	**Invited I10** Dr. Himanshu Fulara (IIT Roorkee, India) *Investigation of MnN-based exchange-biased thin films: A sustainable alternative to IrMn*
15:00-15:20	**Invited I11** Dr. Sara Garcia Ballesteros (Politecnico di Torino, Italy)	**Invited I12** Dr. Atikur Rahman (IISER Pune, India) *Intrinsic Bulk Photovoltaic Effect in CVD-Grown Spiral WS₂*

	Sustainable ammonia production via electrochemistry: Progress in nitrate and nitrogen reduction reactions.	
15:20-15:40	**Invited I13** Dr. Kirti Sankhala (IIT Jodhpur, India) *Membranes for Water Treatment: Solving One Problem While Inadvertently Creating Another?*	**Invited I14** Dr. Susmita Saha (Ashoka University, India) *Tunable Spinwave Dynamics in Two-Dimensional Deterministic Magnonic Fractals*
15:40-16:05	**Tea Break**	
	Parallel Sessions VII	**Parallel Sessions VIII**
	Theme: Energy generation and storage **Chair:** Dr. Sattwick Haldar (IIT Tirupati, India)	**Theme: Quantum materials, sensors and biophysics** **Chair:** Dr. Sucheta Mondal (SNIoE, India) and Dr. Susmita Saha (Ashoka University, India)
16:05-16:15	***Oral Talks 1*** Saumaya Kirti (IIT Bombay) *An Insight Into Surface and Diffusion Characteristics of Nanosized MOF Hybrid for Asymmetric Supercapacitors*	***Oral Talks 2*** Gagan Kumar Bhatt (Toyota Technological Institute, Japan) *Enhancement of PEM performance in sulfonated PVDF–sulfonated graphene oxide membranes for fuel cells*
16:15-16:25	***Oral Talks 3*** Prajnashree Panda (IIT Bhilai) *Unveiling Hierarchically Porous Pea-Shell Derived Carbon as a High Performance Electrode for High-Energy-Density Supercapacitors*	***Oral Talks 4*** Tarun (SNIoE, Delhi NCR) *Coordinated Interfacial Engineering and Time-Induced Bulk Trap Passivation Governing Performance Evolution in D18:Y6-Based Inverted Organic Solar Cells*
16:25-16:35	***Oral Talks 5*** Srija Ghosh (RISE -TCG CREST, Kolkatta) *Decoding Anode Stability: From nucleation kinetics to Pattern-Guided Flux Control for Long Cycling Anode-Less Sodium Metal Batteries*	***Oral Talks 6*** Lakshay Bhardwaj (IIT Delhi) *Potential-Modulated SERS Profiling via GLAD-Fabricated Ag Nanorod Arrays for Ultrasensitive and Label-Free Spectroelectrochemical Sensing*
16:35-16:45	***Oral Talks 7*** Sankalp Saxena (SNIoE, Delhi NCR) *sulphide/oxide composite as efficient cathode for ultrahigh energy density and durability in rechargeable aqueous zinc batteries*	***Oral Talks 8*** Priyanka Dutta (CSIR-National Physical Laboratory) *Development of PEG/Cu-ZnO Porous Nanocomposites for Ultrahigh Sensitive NO2 Gas Sensors at Parts Per Billion Concentrations*
16:45-16:55	***Oral Talks 9*** Dinesh Patel (IIT Roorkee) *Interfacial and Crystallographic Regulation of Zinc Anode via Electric Double Layer Reconstruction for Highly Stable Zn Anode*	***Oral Talks 10*** Abhinav Mahapatra (SNIoE, Delhi NCR) *Fluorinated-PDMS Enhanced Single-Electrode Triboelectric Nanogenerator for Biomechanical Energy Harvesting and Sensing Applications*
16:55-17:05	***Oral Talks 11*** Tripti Bera (CSIR Central Glass & Ceramic Research Institute) *Polymer-Carbon Engineered MgFe2O4 Electrocatalysts as Efficient Bifunctional Electrocatalyst for Overall Water Splitting*	***Oral Talks 12*** Romy Garg (INST Mohali) *Stretchable, Self-Powered and Multimodal Sensor for Neurodegenerative Health Management*
17:05-17:15	***Oral Talks 13*** Dr. Abhishek Pangal (SNIoE, Delhi NCR) *WSe2/Polyaniline Nanocomposite Electrodes for Enhanced Supercapacitor and Zinc-Ion Battery Performance*	***Oral Talks 14*** Prasanjit K. Dey (IIT Bombay) *Wearable PVA/m-rGO Nanocomposite Triboelectric Generator for Bio-mechanical Energy Harvesting, Pulse Sensing, and Intelligent IoT Integrated Emergency Response*
17:15-17:25	***Oral Talks 15*** Tanuja Singh (SNIoE, Delhi NCR) *Carbon Nitride/NiO/Zn3N2 Nanocomposites for Electrochemical Applications in Supercapacitors and Water Splitting*	***Oral Talks 16*** Bhera Ram (CSIR-CERI Karaikudi) *Electrochemical Sensor for the detection of heavy metal ion*
17.25-17.35	***Oral Talks 17*** Kapil Kumar (SNIoE, Delhi NCR)	***Oral Talks 18*** Shivam Singh (IIT Delhi)

	Flexible Ni-Zn aqueous battery based on Ni3S2/NiO composite cathode with high energy-density and durability	*Glancing Angle Deposition for Gas Sensing: Linking Nanostructure Engineering to Enhanced Sensor Performance*
17.35-17:45	***Oral Talks 19*** Sayani Das (SNIoE, Delhi NCR) *In situ Optical Detection and Removal of Ciprofloxacin residues from Hospital Waste Water: A Sustainable approach towards mitigating Antibiotic Micropollutant*	***Oral Talks 20*** Cristina Jospeh (IISER Kolkata) *Lattice Relaxation in Twisted Bilayer Graphene: A Tight Binding Study*
18:30	**Buses depart for dinner from respective hostels and guesthouse**	
19:00-22:00	**Gala Dinner (Radisson Blu)**	

DAY-3 (Wednesday, Jan 21, 2026)		
8:00-9:30	**Registration+ Breakfast**	
	Chair: Prof. Vijay Kumar	
9:30-10:10	***Plenary talk 5:*** Prof. Satish Ogale (IISER Pune, TCG-CREST, Salt Lake, Kolkata) *Innovative electrode and electrolyte engineering for superior-performing batteries*	
10:10 - 10:50	***Plenary talk 6:*** Prof. Bharat Jalan (University of Minnesota, USA) *Emerging Altermagnetism and Polar States in Strained Metallic RuO_2 Films*	
11:00-11:30	**Tea break**	
	Parallel Sessions I	**Parallel Sessions II**
	Theme: Energy **Chair:** Prof. Tanmoy Paul (RISE -TCG CREST, Kolkatta)	**Theme: Quantum materials and spintronics** **Chair:** Dr. Subbiah Alwarappan (CSIR CECRI)
11:30 -12:00	**Keynote talk K20** *Prof. Vanchiappan Aravindan (IISER, Tirupati)* *Na-ion Batteries via Solvent-co-Intercalation from Spent Li-ion Batteries*	**Invited I15** Dr. Sachin Gupta (Bennett University, India) *Development of Functional Materials for Spintronic Applications*
12:00 -12:20	**Invited I16** Dr. Nitin Muralidharan (IIT Madras) *Translational R&D in Battery Technology – From Lab Scale to Pilot Scale and Beyond*	**Invited I17** Dr. Bodhaditya Santra (IIT, Delhi, India) *Quantum sensing with neutral atoms for energy-efficient natural resource exploration*
12:20 -12:40	**Invited I18** Dr. Kingshuk Roy (RISE -TCG CREST, Kolkatta) *Taming Hydrogen Evolution: Strategies for Stability in Aqueous Zinc Metal Batteries*	**Invited I19** Dr. Himani Sharma (Doon University, India) *Advanced Functional Materials for Clean and Sustainable Energy Applications*
12:40- 13:00	**Invited I20** Dr. Ivan Matias Sciscenko (University of Turin, Italy) *Degradation of PFAS Using Illuminated Nanodiamonds: First Steps Toward an Innovative Heterogeneous Advanced Reduction Process*	**Invited I21** Dr. Manika Khanuja (Jamia Millia Islamia, India) *Machine Learning- Assisted study of Sensing Response and Catalytic Pathways in 2D Nanostructures*
13:00-14:00	**Lunch**	
Parallel Sessions V		**Parallel Sessions VI**
	Theme: Energy	**Theme: Quantum materials and spintronics**

	Chair: Prof. Priya Johari (SNIoE, India)	**Chair:** Dr. Subbiah Alwarappan (CSIR CECRI)
14:00-14:30	**Keynote talk K21** Dr. Mudit Dixit (CSIR-CLRI, India) *From Density Functional Theory to Machine-Learning Potentials: Theoretical Tools for Designing Stable, High-Capacity Battery Materials*	**Keynote talk K22** Dr. Srabanti Ghosh (CSIR CGCRI, Kolkata) *Photoelectrocatalytic Approaches for Renewable Fuel Generation: Design Strategies and Challenges*
14:30-14:50	**Invited I22** Dr. Tanmoy Paul (RISE -TCG CREST, Kolkatta, India) *Theoretical Study on Antiperovskites as Cathode Materials for Na-ion Batteries*	**Invited I23** Dr. Sanju Rani (SRMIST, India, India) *Sustainable Photocatalytic Degradation of Nano Plastics by Modified TiO_2*
14:50-15:10	**Invited I24** Dr. Ashutosh K Singh (CeNS Bangalore, India) *Efforts Toward Developing High-Performance Aqueous Rechargeable Zn-Ion Batteries*	**Invited I25** Dr. Bharti Singh (Delhi Technological University, India) *2D Materials-Driven Mechanical Energy Harvesting for Sustainable Wearable and Environmental Applications*
15:10-15:30	**Invited I26** Dr. Sattwick Haldar (IIT Tirupati, India) *Li–Organopolysulfide Batteries: Opening New Avenues in Battery Chemistry*	**Invited I27** Dr. Subhrajit Mukherjee *Unlocking High-Mobility Transport and Quantum Dot Control in van der Waals Heterostructures via Oxygen-Free Fabrication*
15:30- 15:50	**Invited I28** Dr. Binson Babu (SNIoE, India) *Gel-polymer Electrolytes for Hybrid-ion Capacitors*	
16:00-16:30	**Tea Break**	
	Parallel Sessions VII	**Parallel Sessions VIII**
	P1 Chair: Dr. Binson Babu (SNIoE, India)	**P2 Chair:** Dr. Subhrajit Mukherjee (SNIoE, India)
16:30-16:50	**Invited I28** Dr. Pietro Zaccagnini (Politecnico di Torino, Italy) *K_2CO_3 as Pre-Potassiation Agent for K-ion Capacitors, Potential for Sustainable Scalability*	**Invited I29** Dr. Sayantan Maity (Technion - Israel Institute of Technology, Israel) *Bonded Insights: Toward Chemically Deterministic Diamond NV-Centers*
16:50- 17:10	**Invited I30** Dr. Rakesh Pandey (Mahatma Gandhi Central University, Bihar, India) *Programmable Pulse Electrochemical Exfoliation and Medium Engineering of Graphene for Advanced Supercapacitors*	**Invited I31** Dr. Sucheta Mondal (SNIoE, India) *Spin current at hybrid graphene/magnet interface*
17:10-17:30	**Invited I32** Dr. Saad Zafar (Yokohama National University, Japan) *Developing effective methods to elevate the electrode performance of P'2-Na2/3MnO2 for Na-ion battery applications*	**Invited I33** Prof. Aloke Kanjilal (SNIoE, India) *Optical properties of ZnO@b-SiC composites for light emitting devices*
17:30-19.30	**(Poster Session)**	
20:00-21:00	**Dinner**	

DAY-4 (Thursday, Jan 22, 2026)		
8:00-9:30	**Registration+ Breakfast**	
	Chair: Prof. Sajal Ghosh (SNIoE, Delhi)	
9:30 -10:10	***Plenary talk 7:*** *Prof. Ramachandra Rao (IIT Madras, India)* *Wide bandgap materials for quantum and other technological applications*	
10:10-11:00	***Technical Talks*** **(Inner Peace Solutions, Park, Agmatel + Keysight)**	
11:00-11:30	**Tea Break**	
	Chair: Prof. Vijay Kumar (SNIoE, Delhi)	
11:30-12:00	**Keynote talk K23** Prof. Shobhana Narashimhan (JNCASR, India) *At Cross Purposes: Spin-Crossover Systems on Metal Substrates*	
12:00-13:00	**Tutorial Session**	
	Dr. Debajyoti Biswas and Dr. Shikha Marwaha (Shiv Nadar University Chennai, India) *Recent Developments in Machine Learning and Large Language Model Applications in Conjugated Polymer and Perovskites Research.* *(For more details* ***click here…****)*	
13:00-14:00	**Lunch**	
	Parallel Sessions V	**Parallel Sessions VI**
	Theme: Energy **Chair:** Dr. Subrajit Mukherjee	**Theme: Quantum materials and spintronics** **Chair:** Dr. Sucheta Mondal
14:00-14:20	**Invited I35** Dr. Nagaraju D H (Reva University, Bangalore, India) *Electronic Modulation of Metal Chalcogenides for Water Splitting Reaction: Quest for Iron Effect*	**Invited I36** Dr. Shiv Poojan Patel (University of Delhi, India) *Growth of polycrystalline-Si and -Ge in metal/semiconductor bilayer thin films under ion irradiation.*
14:20-14:30	***Oral Talks 21*** Rajdeep Kaur (INST/IISER Mohali) *Electronic Reallocation in MOF-Derived Co4N−Ni3N Heterostructure Renders Chlorine-Free Overall Seawater Splitting under Large Current Density*	***Oral Talks 22*** Ajit Seth (SNIoE, Delhi NCR) *Hydrophobicity Dependent Deformation of Bacterial Cell Wall Induced by Imidazolium-Based Ionic Liquids*
14:30-14:40	***Oral Talks 23*** Saiprasad Abhijit Kulkarni (National Institute of Technology Karnataka)	***Oral Talks 24*** Rumal Singh (SNIoE, Delhi NCR) *Self-assembly of nanoparticles at liquid-liquid interface: Interfacial rheology under magnetic field*

	Enhanced Removal of Ciprofloxacin utilizing Copper Aluminate Nanoparticles	
14:40-14:50	***Oral Talks 25*** Nikhil Ram Patra (Indian Institute of Technology, Roorkee) *Multiple recycled triboelectric nanogenerators for smart waste management*	***Oral Talks 26*** Arijeet Sarangi (Harish-Chandra Research Institute) *Synergistic Effect of Temperature and Electric Field on Interfacial Charge Transfer and Band Edge Alignment in Mxene-Halide Perovskite Heterostructures*
14:50-15:00	***Oral Talks 27*** Dhruv Kiran Gandhi (National Institute of Technology Karnataka) *Adsorptive Studies of Ciprofloxacin using Nickel Aluminate Nanoparticles*	***Oral Talks 28*** Manasa G. Basavarajappa (ch) *Interplay of Dynamic Defects and Ultrafast Carrier Dynamics in Lead Free Double Perovskites Toward Stable, High-Performance Photovoltaics*
15:00-15:10	***Oral Talks 29*** Dr. Deepak (SNIoE, Delhi NCR) *Surfactant–Gel Exfoliated MoS_2 Nanosheets as a Bifunctional Catalyst for Methanol Oxidation and Hydrogen Evolution*	***Oral Talks 30*** Tanmayee parida (SNIoE, Delhi NCR) *Quantum Conductance and Interface-Engineered QPC Formation in hBN/HfO_2 Memristive Heterostructures*
15:10-15:20	***Oral Talks 31*** Vishu Verma (IIT Roorkee) *Mechanically Robust, Stretchable Polymer for High-Performance Energy Harvester Triboelectric Nanogenerator*	***Oral Talks 32*** Pukhraj Prajapat (CSIR-NPL, Delhi) *Adaptive Opto-Neuromorphic Device Based on Monolayer MoS2 for Extreme-Temperature Cognitive Operations*
15:20:15:30	***Oral Talks 33*** Abhishek Madhav Shitole (SNIoE, Delhi NCR) *Comparative Analysis of Silica Gel/Water and Zeolite 13x/Water Pairs Integrated with Nanomaterial for Enhancing*	
15:30-16:00	***3-minutes Thesis Presentation***	
16:00-17:00	**Award Distribution and Validation Ceremony**	
17:00-18:00	**High-Tea**	