Technical Schedule of VIII SEEC at MNIT Jaipur

		tule of VIII SEEC at MINIT Ja ^{(th} December 2023 (Monday)	
09:00 AM Onwards 10:00 AM to 12:00	Registration (VLTC Front Entrance) Workshop on "Scientific Paper and Book Writing"		
Noon	Ms. Swati Meherishi, Executive Editor, Springer India Ltd. (Ven Session A	ue: VLTC-101) Session B	Session C
Time	(Venue: VLTC-101) Track Owner: Dr. Atul Dhar, Prof. Sudarshan Kumar	(Venue: VLTC-103) Track Owner: Prof. V. K. Garg, Dr. Swatantra P. Singh	(Venue: VLTC-104) Track Owners: Prof. K K Dubey, Dr. Nidhi Pareek
11:30 AM to 12:45 PM	Lunch (VLTC Ground Floor)		
01:00 PM to 03:00 PM	Session A1 Alternative Fuels for Sustainable Transport Chair: Dr. PA Laxminarayanan	Session B1 Solid Waste Remediation Chair: Prof. Raj Boopathy	Session C1 Sustainable Processing of Biomass Chair: Prof. Susan Grace Karp
01:00 PM to 01:30 PM	Keynote: Prof. Edgard Gnansounou Ecole Polytechnique Fédérale de Lausanne Sustainable Strategy for Transportation Renewable Fuels from Agricultural Residues: A 2050 Prospective Assessment with Application to the Case of West Africa	Keynote: Dr. Vivek Agrawal CDC, Jaipur Challenges And Opportunities in Municipal Solid Waste Management Projects in India	Keynote: Prof. Emmanuel M. Papamichael University of Ioannina, Greece Novel Viewpoints on the Catalyzed Esterifications by Immobilized Lipase, under Anhydrous Conditions, by Applying Factorial Experimental Design
01:30 PM to 01:50 PM	Keynote: Prof. Raja Banerjee IIT Hyderabad Development of a NH3/H2/CH4/n-Dodecane Chemical Kinetics Mechanism and its Application in a Swirl Burner	Keynote: Dr. Anurag Garg IIT Bombay Hydrothermal Pretreatment – A Potential Method to Improve Resource Recovery Opportunities from Moisturized Solid Waste and Sludge	Prof. Manoj K. Sharma JNU, New Delhi Sorghum: A Sweet Sustainable Feedstock to meet Food, Feed and Energy Demand
01:50 PM to 02:00 PM 02:00 PM to 02:10 PM		SEEC_2023_145 (Rutuben R. Gajera)	Dr. Rohidas Bhoi <i>MNIT Jaipur</i>
02:10 PM to 02:20 PM	Dr. Pravesh C. Shukla IIT Bhilai Ethanol as an Alternative Fuel for CI Applications	Treatment of Spent Caustic using Advanced Oxidation Process SEEC_2023_166 (Vinayak Gupta) Behavioural Insights into Municipal Waste Recycling: A Theory of Planned Behaviour Perspective	Bio-Oil Produced from Plastic Waste Using Spent FCC SEEC_2023_129 (Neha Jaiswal) In Silico and In Vitro Exploration of Phytophenolic Compounds: Novel Antifungal Agents Against Candida Albicans Biofilm
02:20 PM to 02:30 PM	SEEC_2023_083 (Nidhish Thawarey) Fuel Property Investigations of Pure Ethanol Doped with High Cetane Ignition Improving Additives	SEEC 2023_138 (Sneha Gupta) Sensor-based Domestic Waste Management	SEEC_2023_109 (Amritesh Kumar) Sustainable Thermo-chemical Synthesis of Pine Cone Biomass based Water Repellent Carbon Material
02:30 PM to 02:40 PM	SEEC_2023_082 (Pradeep P) Naphtha Fuelled Gasoline Compression Ignition Engine: A Roadmap for Future	SEEC_2023_162 (Hari Ram Dhanetia) Biogenic Fabrication of Metallic Oxide Nanocomposite: A Potent and Efficient Nano Photo Catalyst for the Photo Catalytic Degradation and Demineralization of Hazardous Persistent Organic Pollutants	SEEC_2023_051 (Anmol Kulshrestha) Anti-biofilm Potential of 5-Hydroxyveratric Acid (5-HVA) Targeting Secreted Aspartyl Proteinase 5 (SAP5) of Candida Albicans: An In- Silico Approach
02:40 PM to 02:50 PM	SEEC_2023_078 (Utkarsha Sonawane) Influence of EGR and Injection Timing on Combustion and Emissions of a Diethyl Ether-Diesel Blend Fueled Compression Ignition Engine	SEEC_2023_118 (Niha M. Kulshreshtha) Assessment of Chlorine Tolerance among Bacteria Isolated from Secondary Treated Sewage from BioKube Unit	SEEC_2023_090 (Avinash Anand) Ultrasound-Assisted Hydrolysis of Food Waste using Glucoamylase: Statistical Optimization and Mechanistic Analysis with Molecular Simulations
02:50 PM to 03:00 PM	SEEC_2023_156 (Ankur Tripathi) Development and Optimization of Reactivity Controlled Compression Ignition (RCCI) Combustion Engine Using Alternative Fuels	SEEC_2023_141 (Diwakar Kumar Singh) Fate of Microplastics During Hydrothermal Pretreatment and Its Impact on Anaerobic Process	SEEC_2023_134 (Priyanka Singh) Large Scale Production of Bioethanol in Batch Bioreactor by Immobilized Beads of Aspergillus Terreus from Waste Cotton Fabrics
03:15 PM to 04:00 PM	Plenary Talk-1 Prof. GD Yadav, Institute of Chemical Technology, Mumbai The Net Zero Goal & Sustainability: Green Hydrogen Technologies, CO ₂ Refineries, Biomass Valorization & Waste Plastic Recycling Venue: APJ Abdul Kalam Hall, VLTC, Chair: Prof. KK Pant		
04:00 PM to 04:30 PM 04:30 PM to 07:30 PM	High Tea Inaugural Function, Award, and Book Launch Ceremony Vanue A. P. L. Abdul Kalam Hall, W. T.C.		
07:30 PM Onwards	Venue: APJ Abdul Kalam Hall, VLTC Conference Banquet Venue: VLTC Multi-purpose Hall at Ground Floor		
		th December 2023 (Tuesday)	
09:00 AM to 10:50 AM	Session A2 Advanced Engines and Fuels Chairs: Dr. Pravesh C. Shukla Dr. Amar Patnaik	Session B2 Wastewater Treatment Chair: Dr. Vivek Agarwal	Session C2 Biofuels & Biorefineries Chair: Prof Emmanuel M. Papamichael
09:00 AM to 09:30 AM	Keynote: Dr. PA Laxminarayanan <i>IIT Kanpur</i> Basics and Development of Hydrogen Engine	Keynote: Dr. Gopala Krishna Darbha IISER, Kolkata The Microplastics of Indian Fresh and Coastal Waters: An Eco- friendly Approach for their Remediation	Keynote: Prof. Susan Grace Karp Federal University of Paraná, Brazil Biofuels from Alternative Bioresources: Perspectives for Brazilian Bioeconomy
09:30 AM to 09:50 AM	Mr. Anubhav Tyagi Hero MotoCorp New Engine Development Challenges	Dr. Yogalakshmi K N Central Uni. of Punjab, Bathinda Microbial Electrolysis Cell as Wastewater Biorefineries for Sustainable Energy and Value-Added Product Generation	Dr. Vinod Kumar JNU, New Delhi Exploration of Engineered SnO ₂ Nanoparticles for Photocatalytic Hydrogen Generation using Water Splitting
09:50 AM to 10:00 AM	SEEC_2023_095 (Ankit Chaudhary) Investigating the Impact of Blending Ferrocene Nanoparticles on a Diesel Engine Performance and Emissions SEEC_2023_079 (Ankur Kalwar)	SEEC_2023_066 (Vishnuvardhan Mamidi) Bio-electrochemical Treatment of Real-Field Industrial Wastewater SEEC_2023_076 (Sampa Saha)	Prof. Jitendra Panwar BITS Pilani Unveiling the Potential of Phylloplanic Fungi for Degradation of
10:00 AM to 10:10 AM	Evaluation of CNG premix ratio in CNG-Gasoline Dual-Fuel Direct Injection Spark Ignition Engine SEEC_2023_063 (Anand Shankar Singh)	Anisotropic Colloidal Surfactants and their Application in Water Remediation SEEC_2023_087 (Dinesh Parida)	Commercial Plastic
10:10 AM to 10:20 AM 10:20 AM to 10:30 AM	A Comparative NOx Emission Assessment of Single and Fuel Staging (Full or Partial) from Ammonia / Dimethyl ether- Air Mixture SEEC_2023_163 (Vijay Shinde) Laminar Burning Velocity Measurement of Ethane-Air Mixtures at	Washing Machine Wastewater: A Major Contributor to Environmental Microplastic Load SEEC_2023_089 (Mitil Koli) Substrate Modified Low-Pressure Nanofiltration Membranes for	Dr. Surendra Nimesh Central University of Rajasthan, Ajmer Nanoparticles Mediated Sustainable Strategy for Degradation of
10.20 AW to 10.50 AW	Engine Relevant Conditions	Groundwater Contaminants Removal	Toxic Dyes SEEC_2023_140 (Saniya Zaidi)
10:30 AM to 10:40 AM	SEEC_2023_155 (Bhargav Saikia) Development of Gasoline Compression Ignition Engine for Reduction of NOx and PM Using Low Octane Fuels SEEC_2023_148 (Javed Ahamad)	SEEC 2023_147 (Dr. Vishal Tandel) Social Cost-Benefit Analysis of Natural Treatment Systems in India: Implications for Institutional Arrangements and Business Models	Targeting the Quorum-sensing Controlled Pathogenicity of P. aeruginosa by Termite-nest Associated Nocardia sp. EMB27- an In vitro and in silico Approach
10:40 AM to 10:50 AM	Numerical Investigation of Combustion, Performance, and Emissions Characteristics of Single and Dual Spark Assisted Highly Stratified Methanol Fuelled Multi-Injection DISI Engine	SEEC_2023_104 (Bhavana Kanwar) Electro-oxidation of Amoxicillin Antibiotic in Simulated Wastewater	SEEC_2023_110 (Deeksha Gopaliya) Integrated Fermentative Production and Downstream Processing of L-Malic Acid by Aspergillus Wentii using Cassava Peel Waste
10:50 AM to 11:15 AM 11:15 AM to 12:00 Noon	Tea Break Plenary Talk-2 Prof. Norma A. Alcantar, University of South Florida, USA The Use of Functional Sustainable Materials to Solve Water Pollution ar Venue: VLTC-101, Chair: Prof. GD Yaday	nd Medicine Grand Challenges	
12:00 Noon to 01:30 PM	Session A3 Sustainable Technologies Chairs: Dr. Yogeshwar Nath Mishra, Dr. Sumit Sonkar	Session B3 Air Pollution and Control Chair: Dr. Yogalakshmi KN	Session C3 Environmental Bioengineering Chair: Prof. Manoj K. Sharma
12:00 Noon to 12:30 PM	Keynote: Dr. D. Umamaheshwar GE Aviation, Bangalore Environmental Sustainability Strategy in Aerospace	Keynote: Dr. Virendra Singh Rajasthan Hospital, Jaipur Unmasking the Silent Threat: Air Pollution's Impact on Respiratory Health in India	Keynote: Prof. Meenu Chhabra IIT Jodhpur Sensing Bacteria in Water
12:30 PM to 12:50 PM	Dr. Shrutidhara Sarma IIT Jodhpur Flexible Nanocomposite Sensors Systems for Engineering Applications: Pushing Boundaries in Sensor Technology and Sustainable Engineering	Prof. T. I. Khan Uni. of Rajasthan, Jaipur Environmental Sustainability in the New Millennium	Prof. Arun Kharat JNU, New Delhi Biodegradation Potential of the Bacterial strain - Klebsiella pneumoniae and Enterobacter cloacae isolated from farmland against Dichlorvos pesticide in the Light of Vegetable Rhizospheric/Nonrhizosheric Microbiome
12:50 PM to 01:00 PM	SEEC_2023_059 (Surya Kanta De) Development of a Model for Integrated Two-Stage Process of Gasification after Fast Pyrolysis of Biomass in a Fixed Bed Reactor Using Aspen Plus	SEEC_2023_0168 (Parv Goel) Review of Laser Ignition Technology for Sustainable Transportation	Prof. Suneel Kateriya JNU, New Delhi Molecular Basis of Algal Optobiotechnology and its Role in
01:00 PM to 01:10 PM	SEEC_2023_149 (Pushpam Dayal) Numerical Simulation and Emissions Performance of a Gasoline	SEEC_2023_084 (Vikas Kumar Sahu) PM _{2.5} and PM _{10.0} Monitoring in Non-Attainment Cities in Chhattisgarh	Molecular Basis of Algal Optoblotechnology and its Role in Sustainable Biomanufacturing of Value-added Products
01:10 PM to 01:20 PM	Compression Ignition Engine at High Idle and Low-Load Conditions SEEC_2023_102 (Subrat Garnayak) A Numerical Study on Hydrogen Enrichment of Ethylene Fuel for Soot Formation in Counterflow Diffusion Flames	SEEC_2023_092 (Dr. Ruchi Sharma) Human Health Risk Assessment of Particulate Matter (PM) During Gymnasium Activities	Prof. Pradeep Verma Central Uni. of Rajasthan, Ajmer, Rajasthan
01:20 PM to 01:30 PM	SEEC_2023_119 (Richie Shaji Mathew) Computational Modeling of Ammonia-Hydrogen Combustion in a Swirl Burner	SEEC_2023_114 (Shobhna Shankar) Insights Into Seasonal-Variability of PAHs, TEQ, and OC-EC Of PM2.5 Collected at Faridabad: A Rapidly Emerging Industrial Site in India	Valorization of Organic Solvents by Sterile Mixotrophic Cultivation of Methylotrophic Tetraselmis Indica for Enhanced Biomass and Biomolecules
01:30 PM to 02:15 PM	Lunch (VLTC Ground Floor)	Session B4	9 . 0.
02:30 PM to 04:30 PM	Session A4 New Energy Chairs: Dr. D. Umamaheshwar, Dr. Harlal Singh Mali	Natural Treatment System (Session Sponsored by Rebound Enviro Tech Pvt. Ltd. and BlueDrop Enviro.), Chair: Prof. T.I. Khan	Session C4 Microbial Processes Chair: Prof. Arun Kharat
02:30 PM to 03:00 PM	Keynote: Prof. K. S. Reddy IIT Madras Energy Storage for Reliable Standalone Integrated Renewable Energy Systems	Keynote: Prof. Raj Boopathy Nicholls State University, USA Use of Natural Wetlands in Mitigating Antibiotics in the Environment	Keynote: Prof. Adenise Woiciechowski UFPR, Brazil Current Developments of Biomass Pretreatments to Biobased Production
03:00 PM to 03:20 PM	Dr. Satvasheel Powar IIT Mandi End-of-Life Management of Crystalline Silicon Photovoltaic Modules	Keynote: Prof. AB Gupta MNIT Jaipur Modifications in CW Technology for Enhanced Organics and	Keynote: Dr. Sudhir Pratap Singh CIAB, Mohali
	using Life Cycle Assessment	Nutrients Removal Exploiting Specialized Bacteria	Genes to Gene Products and Their Benevolence to Society

03:20 PM to 03:30 PM	Dr. Sunanda Sinha		
03:30 PM to 03:40 PM 03:40 PM to 03:50 PM	MNIT Jaipur Performance and Degradation of Solar PV SEEC_2023_064 (Aldo Ronald)	Dr. Dinesh Poswal Rebound Enviro Tech Pvt. Ltd. Application of Integrated Natural Treatment Systems to Meet India's	Dr. Nitesh Kumar Manipal University, Jaipur Nano-osmolytes: A New Insight on the Mechanism of Protein
03:50 PM to 04:00 PM	Study of Flame Dynamics in a Mesoscale Diverging Channel SEEC_2023_069 (Mohammad Kalamuddin Ansari) Influence of High Pressure on Combustion Characteristics of Flameless Combustion	Contemporary and Future Water Demands Mr. Ganges Reddy	Folding using Biophysical Tools Prof. Chandra S Gahan Guru Ghasidas Vishwavidyalaya, Chhattisgarh
04:00 PM to 04:10 PM	SEEC_2023_142 (Sandeep Yadav) Experimental Investigation of Combustion Properties of Ammonia in Constant Volume Combustion Chamber	BlueDrop Enviro. Hybrid Nature-Based Solutions	Influence of Elevated Concentration of Sulphates and Fluoride Ions on Ferrous Iron Oxidation Growth Kinetics in a Leptospirilum Dominated Chemostat Culture
04:10 PM to 04:20 PM	SEEC_2023_080 (Ashutosh Jena) Role of Swirl Momentum and Swirl Center Precession on Cyclic Variation of Ignition Properties Under Lean Combustion of Diesel	SEEC_2023_152 (Niha Mohan Kulshreshtha) Can deep CWs be a Sustainable Solution for Sewage Treatment?	Dr. Anjali Awasthi
04:20 PM to 04:30 PM	SEEC_2023_070 (Amardeep Fulzele) Measurement of Laminar Burning Velocity of Ternary Gasoline Surrogate (BPRF 95) at Elevated Mixture Temperatures	SEEC_2023_153 (Abhishek Soti) Can Aerated CWs be the Next-Gen Technology for Sewage Treatment?	University of Rajasthan, Jaipur Nanostructured ZnO for Environmental Application
04:30 PM to 04:45 PM 04:45 PM to 06:15 PM	Tea Break Session A5 Biomass and Gasification Chair: Prof. Himanshu Chaudhary	Session B5 Pollution Mitigation Chair: Prof. Anurag Garg	Session C5 Bioremediation Chair: Dr. Sudhir Pratap Singh
04:45 PM to 05:15 PM	Keynote: Prof. Alain Brillard Université de Haute-Alsace, France Is It Possible to Simulate in an Efficient Way the Thermal Degradation of Biomass?	Keynote: Prof. Manpreet Singh Bhatti GNDU, Punjab Electrocoagulation and Anodic Oxidation for the Treatment of Real Textile Effluent	Keynote: Dr. Deepak Pant CUHP, Dharmshala Role of Biosurfactant for the Recovery of Metals from E-waste in Hybrid Leaching
05:15 PM to 05:35 PM	Dr. Jeevan Vachan Tirkey IIT BHU, Varanasi Valorisation of Waste Biomass by Gasification for Use in IC Engine	Er. Abhay Shrivastava Textile Consultant, Jaipur Managing Sustainable Processes in Textile Wet Processing	Dr. Jaydeep Bhattcharya JNU, New Delhi Ultra-sensitive Optical and Electronic Sensing of Abiotic and Bioti Contaminants using Nanostructures
05:35 PM to 05:45 PM	SEEC_2023_053 (Rakesh Saini) A Detailed Characterization Study of a Commercial Coal Gasification Ash Sample and its Potential Utilization	SEEC_2023_133 (Vishal Choudhary) Fly Ash-Based Foamed Concrete Elements: A Sustainable Building Material for the Future	Prof. Satarudra Prakash Singh MGCU, Motihari
05:45 PM to 05:55 PM	SEEC_2023_124 (Saurabh Singh Chauhan) Parametric Evaluation to Establish the Potential of Stable Methanol- Diesel Blends for Heavy-Duty Non-Road CI Engines Using 1- Dodecanol and Iso-Butanol as A Co-Solvent	SEEC_2023_136 (Basudev Mahato) Permeability and Effectiveness of the Xylem Tissue of Himalayan Trees for Sustainable Water Filtration Applications	Environmental Impact Assessment of Bioinformatics Studies in Terms of Carbon Footprint
05:55 PM to 06:05 PM	SEEC_2023_071 (Khokan Sahoo) Pyrolysis Kinetics of Petroleum Pitch using Thermogravimetric Analysis	SEEC_2023_065 (J Santhosh) Bio-H ₂ Production using Municipal Solid Waste - Flow Rate Optimizations	Prof. Arvind P Singh JNU, New Delhi One Health Risk of Environmental-Origin E. coli: A WHO Global Priority Bacterial Pathogens
06:05 PM to 06:15 PM	SEEC_2023_154 (Dr. Suman Dey) Potential of Biodegradable Waste to Biogas Production for Diesel Engine Power Generation: An Indian Perspective	SEEC_2023_057 (Kirtiman Singh) In-Situ Study of the Solar-Induced Photo-Catalytic Dye-Degradation on Filter Element Substrate using UV-VIS, HPLC Coupled to MCR- ALS	
06:15 PM to 07:00 PM 07:30 PM Onwards	GBM of ISEES (Only for ISEES Members) Venue: VLTC-102 Fellows Dinner (Only by Invitation)	December 2022 (Wednesday)	
00.00 43/4 10.70	Session A6	December 2023 (Wednesday) Session B6	Session C6
09:00 AM to 10:50 AM	Advanced Diagnostics and Optical Techniques Chair: Dr. Parveen S. Goel	Environmental Sustainability: Challenges & Priorities Chair: Prof. VK Garg	Human Health & Environmental Sustainability Chair: Prof. Deepak Pant
09:00 AM to 09:30 AM	Keynote: Dr. Yogeshwar Nath Mishra KAUST, Saudi Arabia Soot Diagnostics using Structured Illumination and Ultrafast Photography	Keynote: Prof. Kiran Bala IIT Indore Metabolomic Outlook to Delineate the Impacts of Environmental Perturbations on Microalgae	Keynote: Prof. Ravi Tandon JNU, New Delhi Effect of Environmental Changes on Infectious Diseases
09:30 AM to 09:50 AM	Dr. Gajendra Singh IIT Mandi Simultaneous Measurement of Laser-Induced Flourescence (LIF) of OH-CH ₂ O and Mie Scattering for Heat Release Measurement	Dr. Pritam Sangwan DRDO, New Delhi Development of Microbial Technology for an Explosive Manufacturing Industry	Dr. Kamlendra Awasthi MNIT Jaipur Functionalized Polymer Membranes for Gas Separation Applicatio
09:50 AM to 10:00 AM	Representative Dynomerk Controls	SEEC_2023_061 (Ami Sharma) Stacked Microbial Fuel Cells for Improved Bioenergy Generation from Wastewater Treatment SEEC_2023_093 (Ashish Kumar)	Prof. Gyan Singh Shekhawat JNVU, Jodhpur
10:00 AM to 10:10 AM	Integrated Solution for All the Vehicle/Engine/Component Testing Facilities in the Automobile Industry	In-situ fabrication of Titanium Suboxide-Laser Induced Graphene Composites with Enhanced Electrochemical Activity for Environmental Remediation	Salinity/Cd Induced Oxidative Stress in Plants: An Insight in the Cyto-Protective Role of HO ⁻¹ in the Changing Scenario of Climate Change
10:10 AM to 10:20 AM	SEEC_2023_125 (Md Shadab Reza) A Review on Emerging Trends in Exhaust After-Treatment Technologies for Diesel Engines	SEEC_2023_112 (Akanksha Sharma) Efficient Harvesting of >1000 nm Photons to Hydrogen via Plasmon- Driven Si-H Activation in Water	Dr. Pratap Chandra Mali Uni. of Rajasthan, Jaipur
10:20 AM to 10:30 AM	${f SEEC_2023_127}$ (Jitendra Dixit) Morphological Characterization of Soot from a Compression Ignition Engine	SEEC_2023_115 (Rimjhim Sangtani) Unlocking the Potential of Microalgal Metabolomics in Biorefinery Development for Carbon Dioxide Mitigation	Uses and Applications of Nanomaterial to Save Environment, Energy, and Economy for Sustainable Development in Future
10:30 AM to 10:40 AM	SEEC_2023_137 (Rahul Kumar Singh) Life Cycle Assessment of Battery Electric, Hybrid Electric, and Internal Combustion Engine-Powered Cars in India	SEEC_2023_172 (Aparna Upadhyay) Arsenic contamination mapping in groundwater and development of community-based arsenic removal unit: A case study of district Khagaria, Bihar, India	SEEC_2023_161 (Surajbhan Sevda) Microbial Fuel Cells for Sustainable Energy Generation and Nutrient Reclamation from Human Urine
10:40 AM to 10:50 AM	SEEC_2023_150 (Sahil Rana) Experimental Investigation on the Characterization of Solid Soot Particle Emissions using in-situ Developed Thesrmodesorption System from RCCI Engine	SEEC 2023_106 (Subodh Kumar) Anaerobic Co-Digestion of Waste Microalgae and Hydrothermally Pretreated Rice Husk: Evaluation of Mass and Energy Balance on a Pilot Scale Digester	SEEC_2023_171 (Prabudh Morya) Experimental Performance Investigation of a Medium-Scale Greenhouse Solar Dryer for Drying Handmade Papers at Jaipur, India
10:50 AM to 11:15 AM 11:15 AM to 01:35 PM	Tea Break Session A7 Policies for Environmental Sustainability Chair: Prof. Manpreet S. Bhatti	Session B7 Energy & Environment Chair: Mr. Ganges Reddy	Session D1 Assorted Topics
11:15 AM to 11:35 AM	-	Chair, hir. danges nearly	Chairs: Dr. Galendra Singh
i i	Keynote: Prof. Bharat Maheshwari UW, Canada Community Wellness Index: Managing sustainable development and	Prof. Seema Mishra Nalanda University, Rajasthan Dark Septate Endophyte (DSE): Bioindicators of Stressed	Chairs: Dr. Gajendra Singh Dr. Aneesh Prabhakar MNIT Jaipur Lithium-Ion Battery Thermal Runaway
11:35 AM to 11:45 AM 11:45 AM to 11:55 AM	UW, Canada Community Wellness Index: Managing sustainable development and growth in First Nation fly-in communities Northern Canada SEEC_2023_159 (Srajan Gupta) Understanding the Venturi Flow in an Optical Carburettor of	Prof. Seema Mishra Nalanda University, Rajasthan Dark Septate Endophyte (DSE): Bioindicators of Stressed Environmental Conditions Dr. Manabendra Saharia IIT Delhi India Water Model (IWM): A Transboundary Water Modeling System	Dr. Aneesh Prabhakar MNIT Jaipur
	UW, Canada Community Wellness Index: Managing sustainable development and growth in First Nation fly-in communities Northern Canada SEEC_2023_159 (Srajan Gupta)	Prof. Seema Mishra Nalanda University, Rajasthan Dark Septate Endophyte (DSE): Bioindicators of Stressed Environmental Conditions Dr. Manabendra Saharia IIT Delhi India Water Model (IWM): A Transboundary Water Modeling System for Water Sustainability SEEC_2023_060 (Harishakar Kopperi) One-Pot Chemo-bioprocess of Waste Polyethylene Terephthalate (PET) Depolymerization and Upcycling to Alcohols/Fuels in Circular	Dr. Aneesh Prabhakar MNIT Jaipur Lithium-Ion Battery Thermal Runaway Dr. Rajeev Agrawal MNIT Jaipur Energy Efficiency in Last-mile Fulfillment SEEC_2023_135 (Maaz Ahmad Khan) Barriers and Drivers to Circular Economy in Agribusiness: A
11:45 AM to 11:55 AM 11:55 AM to 12:05 PM	UW, Canada Community Wellness Index: Managing sustainable development and growth in First Nation fly-in communities Northern Canada SEEC_2023_159 (Srajan Gupta) Understanding the Venturi Flow in an Optical Carburettor of Motorcycle Engine SEEC_2023_128 (Md Shadab Reza)	Prof. Seema Mishra Nalanda University, Rajasthan Dark Septate Endophyte (DSE): Bioindicators of Stressed Environmental Conditions Dr. Manabendra Saharia HT Delhi India Water Model (IWM): A Transboundary Water Modeling System for Water Sustainability SEEC_2023_060 (Harishakar Kopperi) One-Pot Chemo-bioprocess of Waste Polyethylene Terephthalate (PET)	Dr. Aneesh Prabhakar MNIT Jaipur Lithium-Ion Battery Thermal Runaway Dr. Rajeev Agrawal MNIT Jaipur Energy Efficiency in Last-mile Fulfillment SEEC_2023_135 (Maaz Ahmad Khan) Barriers and Drivers to Circular Economy in Agribusiness: A Systematic Review and Conceptual Framework SEEC_2023_056 (Ankit Parmar)
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