

International Conference on
**GREEN ENERGY & SUSTAINABLE
ENVIRONMENTAL TECHNOLOGY (GESET-2022)**

A special initiative on “OZONE DAY”

15-16 September, 2022
(HYBRID MODE)

At Campus-11 Conference Hall in place of Conference Hall

Jointly Organized by



Programme Schedule: GESET-2022
15th September, 2022

9.00-10.00	Registration of the Delegates
10.00-10.15	Entry of guests and delegates to the conference room and lighting of the lamp
10.15 -10.25	Welcome of guests and welcome address of GESET-2022 Conference by Dr. Suraj K Tripathy , Convener, GESET-2022
10.25 -10.35	Introduction of STE by Dr. Kshipra Mishra , President, Save the Environment
10.35-10.40	Opening Remarks by Prof. Arunabha Majumder , Patron
10.40-11.00	Felicitation of Awardees
11.05 -11.15	Address by Patron: Prof Sasmita Samanta , VC, KIIT Deemed to be University
11.15 -11.25	Address by Honorable Chief Patron: Prof. Achyuta Samanta , Founder, KIIT and KISS
11.25-11.35	Address by Prof. Narendra Singh , Guest of Honour
11.35-11.45	Address by Prof. Satinder K. Brar , Chief Guest
11.45-11.50	Release of Abstract Book by the Dignitaries
11.50-11.55	Vote of Thanks by Prof. Jnyana Ranjan Mohanty , Registrar KIIT Deemed to be University
11.55-12.00	National Anthem
12.00-12.15	High Tea and Networking session
Keynote Talk	
Chairperson: Prof. Arunabha Majumder	
12.15-12.35	Keynote Talk: Prof. Satinder K. Brar Professor and James and Joanne Love Chair in Environmental Engineering, Lassonde School of Engineering, York University, Toronto, Canada <i>Title: Sustainable Technologies for Education and Environmental Remediation (STEER)</i>

Technical Session: I[11.50 to 13.30 Hr]	
Chairperson: Prof. Ajay Gupta & Dr. Kshipra Mishra	
12.40-12.55	Invited Talk: Dr. Vivek Verma Associate Professor, IIT Kanpur <i>Title: Agar based biodegradable packaging materials</i>
12.55-13.10	Invited Talk: Dr. Leena Nebhani Associate Professor, IIT Delhi <i>Title: Concerted effect of functionality and pore size on dehydrogenation of ammonia borane via its nanoconfinement in polymer grafted mesoporous silica leading to tunable hydrogen release</i>
13.10-13.25	Invited Talk: Dr. Srinivas Patnaik Professor, KIIT Deemed to be University <i>Title: Effect of Benzo(a)pyrene in infer skeletal deformities in embryonic zebrafish</i>
13.25-13.30	Vote of thanks
13.30-14.30	Lunch Break & Networking Session
Keynote Talk	
Chairperson: Dr. Kesava C Rao	
14.30-14.50	Keynote Talk: Dr. Narendra Singh Scientist 'F' Addl. Director, DRDO <i>Title: Designed region specific passive greenhouses and standardized process for round the year vegetable production</i>
Technical Session: II[14.30 to 16.10 Hr]	
Chairpersons: Dr. Vivek Verma & Dr. A.K. Sahoo	
14.50-15.05	Invited Talk: Dr. Mousumi Roy Professor, NIT Durgapur <i>Title: Developing an Extended theory of Planned behavioural model towards Green energy and Sustainable environmental technology development</i>
15.05-15.20	Invited Talk: Dr. Pratik Kumar Assistant Professor, Indian Institute of Technology, Jammu, <i>Title: Aspects of green material in the field of emerging contaminant removal</i>
15.35-15.50	Invited Talk: Dr. Ratul Kumar Das Senior Researcher, Save the Environment <i>Title: Sericin: A Green Material for the Development of Curcumin Based Nanoformulation, Emulsion System and Nanoflowers</i>
15.50-16.05	Invited Talk: Dr. Yatin Ulhas Gadkari Assistant Professor, Pharmaceutical Technology ICT - IOC Bhuvaneshwar, India <i>Title: Green chemistry, Sustainability, environmentally benign approach in today world</i>
16.05-16.10	Vote of Thanks
16.10-16.25	Tea Break & Networking Session

Keynote Talk	
Chairperson: Prof. Satinder K. Brar	
16.30-16.50	Keynote Talk: Dr. Kesava C Rao Dy. General Manager at R&D, NMDC, Hyderabad <i>Title: Green Technologies for Mineral Processing</i>
Technical Session: III[16.30 to 18.00 Hr]	
Chairpersons: Dr. Srinivas Patnaik & Dr. Ratul Kumar Das	
16.50-17.05	Keynote Talk: Dr. Achintya Bezbaruah Greener Materials for Drinking Water Treatment, Gehrts Presidential Professor of Environmental Engineering, Professor of Civil, Construction and Environmental Engineering, Director, Grand Challenges Scholars Program, Advisor, NDSU Engineers Without Borders <i>Title: Greener Materials for Drinking Water Treatment</i>
17.05-17.20	Invited Talk: Dr. A.K. Sahoo Dean and Professor, KIIT <i>Title: Sustainable machining and machinability studies for difficult-to-cut materials</i>
17.20-17.35	Invited Talk: Dr. Saurav Sarma Associate Professor, Department of Biotechnology, Bennett University <i>Title: Value-added product development from industrial solid waste: A case study</i>
17.35-17.50	Invited Talk: Dr. Jayato Nayak Assistant Professor, Mahindra University <i>Title: Environmental pollution, toxicity profile and treatment approaches for industrial wastewater and its chemical pollutants</i>
17.50-17.55	Invited Talk: Dr. MS Satyanarayana Research Scientist, Hollingsworth & Vose <i>Title: Current Scenario of Plastic and Polymer waste</i>
17.55-18.00	Vote of Thanks
18.00 onwards	Networking Session
16.30-18.30	Oral Presentation by registered Delegates [D1: Parallel Sessions-I] Oral Presentation by registered Delegates [D1: Parallel Sessions-II]
End of Day 1 Technical Session	
Dinner at Campus 11 Auditorium Dining Space from 19.30 onwards	

16th September, 2022

Keynote Talk	
Chairperson: Prof. Arunabha Majumder & Prof. Satinder K. Brar	
9.30-9.50	Keynote Talk: Prof. K.K. Pant , IIT Delhi <i>Title: Role of Chemical Engineering in reducing Carbon Footprints</i>
9.50-10.10	Keynote Talk Prof. Papita Das Professor, Jadavpur University <i>Title: Utilization of biomass for treatment of pollutants</i>
Technical Session-I 10.10-10.45 Hr	
Chairperson: Dr. Kalpana Bhargava & Dr. Saurav Sarma	
10.10-10.25	Invited Talk: Dr. Biswajit Ruj Chief Scientist and Former Head, CSIR-CMERI <i>Title: Solid Waste Management with a Special Reference to Plasticwaste: Its Safe Disposal & Recovery of Value Added products</i>
10.25-10.40	Invited Talk: Dr. Atun Roy Choudhury Head- Technical & Planning, ECO-India <i>Title: Biomining and legacy waste management</i>
10.40-10.45	Vote of Thanks
10.45-11.00	Tea Break & Networking Session
9.30-10.45	Oral Presentation by registered Delegates [D2: Parallel Sessions-I] Oral Presentation by registered Delegates [D2: Parallel Sessions-II]
Second Technical Session 10.50-13.30	
Chairperson: Dr. Kesava C Rao & Prof. Papita Das	
11.00-11.20	Keynote Talk: Dr. Kali Sanjay Chief Scientist and Head, CSIR-IMMT Bhubaneswar <i>Title: Sustainable Engineering for sustainable environment</i>
11.25-11.40	Invited Talk: Dr. Gaurav Saxena Assistant Professor, Shoolni University <i>Title: Environmental pollution, toxicity profile and treatment approaches for industrial wastewater and its chemical pollutants</i>
11.40-11.45	Vote of Thanks by Chairperson
10.50-11.50	Oral Presentation by registered Delegates [D2: Parallel Sessions-I] Oral Presentation by registered Delegates [D2: Parallel Sessions-II]
11.50-12.30	Vote of Thanks & Valedictory Session
Lunch & Networking Session: 12.45 onwards	