

National Conference on
Environment, Water, Agriculture, Sustainability and Health
 (EWASH 2024)

Programme Schedule : 13th December, 2024

09.00 am - 10.00 am	REGISTRATION
10.00 am - 11.30 am	INAUGURATION AND AWARD CEREMONY
11.30 am -12.00 noon	TEA BREAK
Session – I Session Chair: Dr. Kshipra Misra, President, STE Co- Chair: Dr. Thanuja T C, Professor, VTU	
12.00 noon – 12.40 pm	KEY NOTE ADDRESS Interlinkages between plastics and endocrine-disrupting chemicals: Risk Assessment and Sustainable Technologies Dr. Paromita Chakraborty <i>Professor & Head, Centre for Research in Environment, Sustainability Advocacy and Climate Change Directorate of Research, SRM Institute of Science and Technology, Kattankulathur-603203, Tamil Nadu, India</i>
12.40 pm – 1.05 pm	Invited Talk – 1 Indigenous acoustic emission technology for real time early warning system for natural disasters Dr. Sushil Kumar Singh <i>Scientist "F", D.O.-Acoustic Sensor Division, Solid State Physics Laboratory, Lucknow Road, Timarpur, Delhi- 110054</i>
01.05 pm - 01.30 pm	Invited Talk – 2 Sustainable production of kojic acid using renewable resources Dr. Saurabh Jyoti Sarma <i>Associate Professor & Interim Head, Department of Biotechnology, Bennett University (Times of India Group) Cabin No. 160, M-Block, First Floor Plot No. 8-11, Techzone-II, Greater Noida.</i>
01.30 pm - 02.15 pm	LUNCH BREAK
Session – II Session Chair: Dr. Sushil Kumar Singh, Scientist, DRDO, New Delhi Co- Chair: Dr. Pankajakshi R, Associate Professor, VTU	
02.15 pm – 2.40 pm	Invited Talk – 3 Artificial Intelligence for environment, water and agriculture Dr. Mallikarjun Kodabagi <i>Nagarjuna College of Engineering and Technology, Devanahalli</i>
02.40 pm – 03.05 pm	Invited Talk – 4 Supercritical carbon dioxide assisted ecofriendly dyeing of textiles: Future perspectives Dr. M. S.Yogendra Kumar <i>Scientist, Defence Bio-Engineering and Electromedical Laboratory, Defence Research and Development Organisation, Ministry of Defence, C V Raman Nagar, Bengaluru-560093</i>
Session – III Session Chair: Dr. H. P. Nagaswarupa, Professor, Davanagere University Co- Chair: Dr. Baswaraj, Associate Professor, VTU	
03.05 pm 03.30 pm	Invited Talk – 5 Semiconducting Nanostructures for Sensor and Catalytic Dye Degradation applications Dr. H. C. Ananda Murthy <i>School of Applied Sciences, Papua New Guinea University of Technology, Lae, Morobe Province, Papua New Guinea</i>
03.30 pm – 03.55 pm	Invited Talk – 6 Nanomaterials in health care Dr. Navya Rani M <i>Nagarjuna College of Engineering and Technology, Devanahalli</i>
03.55 pm – 04.15 pm	Presentation by Industry Representatives: Canopus; Metrohm
04.15 pm - 05.00 pm	TEA BREAK AND POSTER SESSION
ORAL PRESENTATION Session Chair : Dr. K. G. Basava Kumar, Director, R&D, VTU Co-Chair: Dr. H. H. Ramesh, Associate Professor, VTU	
05.00 pm – 06.00 pm	OPA-01 to OPA-06
06.00 pm to 07.30 pm	CULTURAL PROGRAM
07.30 pm – 08.30 pm	DINNER

Programme Schedule : 14th December, 2024

Session – IV	
10.00 am - 10.40 am	KEY NOTE ADDRESS Prof. Arunabha Majumder <i>Chairman, STE, Emeritus Prof., Jadavpur University, Kolkata and Former Dir., AIIHPH, Kolkata (Online)</i>
10.40 am to 11.05 am	Invited Talk – 7 Recycling of Molybdenum from Industrial Wastewater using Membrane-integrated Hybrid Technology Dr. Ramesh Kumar <i>Bioenergy & Environmental Remediation Laboratory (BERL) Department of Earth Resources and Environmental Engineering Hanyang University, Seoul, Korea (Republic of) 04763 (Online)</i>
Session – V	
Session Chair: Dr. Dinesh Rangappa, Professor, VTU Co-Chair: Dr. H. P. Thirtha Prasad, Associate Professor, VTU	
11.05 am – 11.30 am	Invited Talk – 8 Nano Iron-pyrite Seed Stimulant for Sustainable Agriculture Dr. Kalpana Bhargava <i>Scientist "G", Technology Director, Advanced Technology High Energy Material Research Lab (HEMRL), Defense Research and Development Organization (DRDO), Ministry of Defence, Government of India, Sutarwadi, Pashan, Pune, Maharashtra 411021</i>
11.30 pm – 11.55 am	Invited Talk – 9 Valorisation of process waste for the removal of organic dyes from water Dr. Suraj K. Tripathy <i>Associate Dean, School of Chemical Engineering, Associate Professor, School of Biotechnology Kalinga Institute of Industrial Technology, Bhubaneswar Odisha 751024, India</i>
11.55 am – 12.15 pm	TEA BREAK
Session – VI	
Session Chair: Dr. Sanjeev Chaudhary, IIT Bombay Co-Chair: Dr. Sarika Raga, Associate Professor, VTU	
12.15 pm – 12.40 pm	Invited Talk – 10 Impact of Climate Change on Precipitation and Stream Flow Dr. Nagraj S Patil <i>Visvesvaraya Technological University, Belagavi</i>
12.40 pm – 01.05 pm	Invited Talk – 11 Valorization Metal-Based Phosphates for Sustainable Water Management: Advancing SDG 6 Goals Dr. Amita Somya <i>Amity University, Bengaluru</i>
01.05 pm – 02.00 pm	LUNCH BREAK
ORAL PRESENTATION	
Session Chair: Dr. Navya Rani M, Associate Professor, NCET Co-Chair: Dr. Nirmala Hiremani, Assistant Professor, VTU	
02.00 pm – 03.00 pm	OPA - 07 to OPA - 12
Session – VII Session Chair: Dr. Prasanna D. Shivaramu, Department of Applied Sciences, VTU Co-Chair: Dr. Binoy Mathew, Associate Professor, VTU	
03.00 pm - 03.25 pm	Invited Talk – 12 Therapeutic prospective of biogenic Ag based nanocomposite systems for healing Methicillin-resistant Staphylococcus aureus infected wounds Dr. Amrita Mishra <i>School of Biotechnology, Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar 751024, Odisha, India</i>
03.25 pm – 03.50 pm	Invited Talk – 13 Transforming Healthcare with Artificial Intelligence Dr. Lohith J J <i>Nagarjuna College of Engineering and Technology, Devanahalli</i>
03.45 pm – 04.30 pm	TEA BREAK AND POSTER SESSION
04.30 pm – 05.30 pm	VALEDICTORY AND AWARD CEREMONY

Oral Presentation Online
OPA -13 to OPA-18