

ANRF Sponsored

Second International Conference on Next Generation Sustainable Materials for Water and Energy Solutions

(March 26-28, 2026)

Programme Schedule

26 th March 2026 (Day 1 – Thursday)		
Time (IST)	Invited Talks	Session Chair
09:30 -10:00	Inauguration	(In-person - Tanguturi Prakasam Auditorium – AB2)
10:00 –10:45	Prof M G Sethuraman The Gandhigram Rural Institute – Deemed to be University, Tamil Nadu Title: Advanced metal-organic framework-based electrochemical sensors for food additive detection Email: mgsethu@gmail.com	Chair: Dr Manas Rajan Dash Co-chair: Dr S Pratheep Kumar (In-person - Tanguturi Prakasam Auditorium – AB2)
10.45 – 11:00	Tea break	AB2 Auditorium
11:00 – 11:45	Prof Narayan Roger J University of North Carolina and North Carolina State University, United States Title: Microstructured and nanostructured hard carbon coatings for medical applications Email: rjnaraya@ncsu.edu Link: https://meet.google.com/xwv-edhz-bym	Chair: Dr Sabeel M Basheer Co-chair: Dr T Prabhakaran (Online – AB1 Newton Hall)
11:45 – 12:30	Prof K V Gobi National Institute of Technology Warangal Title: Advancements in supercapacitors in India Email: kvgobichem@nitw.ac.in	Chair: Dr M Satyanarayana Co-chair: Dr Koteswara Rao G (In-person – AB1 Newton Hall)

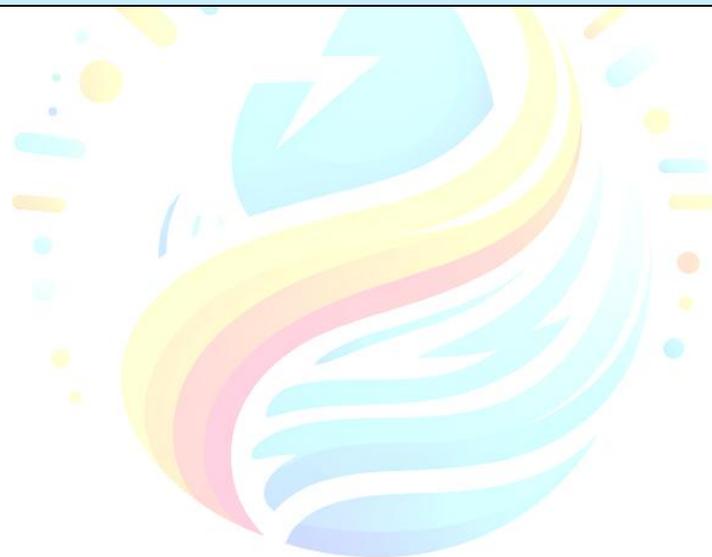
12:30 – 13:15	Prof E Balaraman IISER Tirupati, India Title: Sustainable chemical production via catalytic dehydrogenation strategy Email: eb.raman@iisertirupati.ac.in	Chair: Dr Rajarshi Sarkar Co-chair: Dr AV Narendra Kumar (In-person – AB1 Newton Hall)
13:15 – 14:30	Lunch	Rock Plaza Dance floor (Second floor)
14:30 – 15:15	Prof S Meenakshi The Gandhigram Rural Institute – Deemed to be University, Tamil Nadu Title: Chitosan-based materials for water treatment applications Email: drsmeenakshi@gmail.com	Chair: Dr S Muthu Prabhu Co-chair: Dr Triveni R Mandlimath (In-person – AB1 Newton Hall)
15:15 – 16:00	Prof Biplob Kumar Pramanik RMIT University, Melbourne, Australia Title: MOF/HOF-engineered polymeric ultrafiltration membranes for high-flux nanoplastic removal from wastewater Email: biplob.pramanik@rmit.edu.au Link: https://meet.google.com/xwv-edhz-bym	Chair: Dr K Senthil Co-chair: Dr Bosu Babu (Online – AB1 Newton Hall)
16:00 – 16:15	High Tea	
16:15 – 17:00	Prof C P Rao SRM University, AP Title: Water Remediation by Inorganic - Organic Hybrid Nano Materials (IOHNM): Our Contributions & Current Challenges for Sustainable Future Email: cp.rao@srmmap.edu.in	Chair: Dr MVV Sreenivasu Co-chair: Dr K Selvakumar (In-person – AB1 Newton Hall)
17:00 – 18:30	Cultural Programme	AB2 Amphitheatre

27 th March 2026 (Day 2 - Friday)		
Time (IST)	Invited Talks	Session Chair
09:30 -10:15	Prof G Ranga Rao Indian Institute of Technology, Madras Title: Catalytic synthesis of ammonia – The story continues Email: grrao@iitm.ac.in	Chair: Dr T Ramana Co-chair: Dr Debakanta Tripathy (In-person – AB1 Newton Hall)
10:15 –11:00	Prof P Rambabu Guru Ghasidas University (A Central University), Bilaspur Title: Thermoelectricity, spin-caloritronic and magneto-caloric effects for energy harvesting applications Email: rams.hcu@gmail.com	Chair: Dr Bibhab Bandhu Majumdar Co-chair: Dr Shailja Jain (In-person – AB1 Newton Hall)
11:00 – 11:30	Tea break	
11:30 – 12:15*	Prof Yugender Kotagiri Indian Institute of Technology, Palakkad Title: Trends in wearable electrochemical sensors for healthcare and agricultural applications Email: yugenderkotagiri@iitpkd.ac.in Link: https://meet.google.com/xwv-edhz-bym	Chair: Dr Moru Satyanarayana Co-chair: Dr Sandhya Sadanandan (Online – AB1 Newton Hall)
12:15 – 13:00	Prof Srivari Chandrasekhar Chief Scientific Advisor (PI Industries) Title: Ideal synthesis of small molecules towards Sustainable Future Email: srivari.chandrasekhar@piind.com	Chair: Dr Illa Ramakanth Co-chair: Dr Naga Prasad P (In-person – AB1 Newton Hall)
13:00 – 14:00	Lunch	
		Rock Plaza - Dance floor

14:00 – 14:45	Prof S Nagarajan National Institute of Technology, Warangal Title: Carbohydrate-based assembled organic materials for the sustainable generation of energy Email: snagarajan@nitw.ac.in	Chair: Dr T Prabhakaran Co-chair: Dr M Muneeswaran (In-person – AB1 Newton Hall)
14:45 – 15:30	Prof Sekar Karthikeyan Yonsei University, South Korea Title: Advancing solar photocatalysis with copper-cased materials: Design strategies for energy and environmental applications Email: karthiks13@srmist.edu.in Link: https://meet.google.com/xwv-edhz-bym	Chair: Dr Sachil Sharma Co-chair: Dr Sangeetha Adhikari (Online – AB1 Newton Hall)
15:30– 15:45	Tea break	
15:45 – 18:00	Poster presentation – Offline (Newton's Hall) – 60 posters	Chair: Dr C Rajesh Co-chair: Dr Sangeetha Adhikari External: Dr S Nagarajan/Dr P Rambabu
	Oral Parallel session 1 – Online Paper No: WSD-12, WSD-13, WSD-14, WSD-17, WSD-18, WSD-26, SST-17 Link: https://meet.google.com/xny-ziwj-xwn	Chair: Dr M Muneeswaran Co-chair: Dr Rajashree Naik
	Oral Parallel session 2 – Online Paper No: CSE-03, MWE-01, MWE-07, MWE-09, TMWE-06, CSE-22 and CSE-26 Link: https://meet.google.com/fup-jtzm-gio	Chair: Dr S Karthikeyan Co-chair: Dr S Pratheep Kumar

28 th March 2026 (Day 3 – Saturday)		
Time (IST)	Invited Talks	Session chair
09:00 -09:45	Prof Azahar Ali Virginia Tech, Blacksburg, USA Title: High-performance bio-sensing technologies using 3D-printed microstructures Email: azahar@vt.edu Link: https://meet.google.com/xwv-edhz-bym	Chair: Dr T Sengupta Co-chair: Dr Gangadhar Pamarthi (Online – AB1 Newton Hall)
09:45 –10:30	Prof V Aravindan IISER Tirupati, India Title: Li-ion battery recycling Email: aravindan@iisertirupati.ac.in	Chair: Dr Senthil K Co-chair: Dr Bosu Babu (In-person – AB1 Newton Hall)
10:30 – 11:00	Tea break	
11:00 – 11:45	Prof Sudarsanam Putla Indian Institute of Technology, Hyderabad Title: Heterogeneous nanocatalysis for waste valorization into value-added chemicals Email: sudarsanam.putla@chy.iith.ac.in	Chair: Dr Dripta De Joarder Co-chair: Dr Tufan Ghosh (In-person – AB1 Newton Hall)
11:45 – 12:30	Prof P Ganesan Vellore Institute of Technology, Chennai Title: Efficient and durable electrodes for the energy conversion and energy storage devices Email: ganesan.p@vit.ac.in	Chair: Dr R Paramasivam Co-chair: Dr Soumyakanta Prusty (In-person – AB1 Newton Hall)
12:30 – 13:30	In- Person - ORAL Presentation CSE: 10, 13, 14, 16, 18, 23 & 24. MWE: 02, 03, 05, & 11.	Chair: Dr Sudarsanam Putla Co-chair: Dr P Ganesan

	SST: 06, 10 & 18.	
13:15 – 14:00	Lunch	
14:00 – 15:00	In-person - ORAL Presentation TMWE: 05, 07, 08 & 09 WSD: 08, 09, 15, 22, 23, 24, 28, 30, 35, & 36.	Chair: Dr V Aravindan Co-chair: Dr P Ganesan (In-person – AB1 Newton Hall)
15:00 – 16:00	Valedictory	



SuWatE+26