

TIME	PROGRAMME		
Day 02			
09:00 to 09:30	Plenary Talk III (Library Auditorium) <i>Session Chair: Dr. (Ms.) U. Sutharsini, UoJ</i> Speaker: Dr. Nora Geirsdotter Bækkelund , Western Norway University of Applied Sciences (HVL) Title of talk: Responsible innovation in STEM education		
	Library Auditorium	Physics Mini Auditorium	Physics Lecture Hall 3 (P3)
9.45 to 10.00	<i>Session Chair: Dr. E. Manikandan, VIT</i> Invited talk – X Speaker: Dr. P. Balraju , CIT, India Engineered Metal Oxide/Metal/Carbon Nanocomposites: Tailored Design for Advanced Electrochemical Applications	<i>Session Chair: Dr. A. Thevakaran, UoJ</i> Invited talk – XI Speaker: Dr. Peter Holzapfel , Technische Universität Berlin Green hydrogen and the challenge of renewable energy accounting	<i>Session Chair: Dr. R. Azarudeen, CIT</i> Invited talk – XII Speaker: Prof. S. Balakumar , University of Madras, India Tailoring Phase-Specific Bioactive Glasses for Rapid Hemostasis and Tissue Regeneration: From Material Development to Clinical Products
	Invited talk – XIII Speaker: Dr. M. Jeyanthinath , MKU, India Thin Film high entropy alloys for multifunctional applications	Invited talk – XIV Speaker: Jonathan Økland Torstensen (HVL, Norway) Hydrogen production methods	Invited talk – XV Speaker: Prof. R. Vidya , Anna University, Chennai, India Artificial-Intelligence (AI) - Assisted DFT studies on: Photocatalysts, X-ray Detectors, Drug-carrying Nanomaterials and Synergism in Siddha Medicines
10.00 to 10.15	Invited talk – XVI Speaker: Dr. R. Balasundaraprabhu , PSG CT, India Optimization of Transparent Conducting Oxides ITO, GZO, and IGZO prepared using sputtering technique for Solar Cells	Invited talk – XVII Speaker: Dr. Isacfranklin Melkiyur , HVL, Norway Advanced Carbon Nanotube Synthesis: Direct Growth, Catalyst-Assisted, and Doped CNTs via Chemical Vapor Deposition for Energy Storage Applications	Invited talk – XVIII Speaker: Dr. Raja S. Azarudeen , CIT, India 3D Printable Synthetic-Natural Blend Scaffolds for Osteogenic Potency
10.15 to 10.30			
10.30 to 11.00 Tea Break			
11.00 to 12.30	ORAL PRESENTATIONS		
	<i>Chairs: Dr. S. Prasanna, PSG Tech.</i> Dr.M. Umadevi, MTWU	<i>Chairs: Dr. Amutha Santhanam, UoM</i> Dr. R. Lavanya, CIT	<i>Chairs: Prof. T. Thiruvanan, UoJ</i> Dr. Svein Gunnar Sjøtun, HVL
	AFM (16) 21, 37, 42, 60, 66, 76, 91, 92, 94, 105, 106, 119, 162, 177, 190, 191	SIM - 14 2, 11, 31, 33, 55, 56, 68, 101, 102, 120, 126, 170, 216, 224	RRI - 11 10, 27, 46, 73, 88, 139, 154, 155, 182, 217, 222, 226
12.30 to 13.30 Lunch Break			

13.30 to 13.45	Invited talk – XIX <i>Session Chair: Dr. Venkadachalam (Erode Arts)</i> Speaker: Prof. Depal Subasinghe, NIFS, Sri Lanka Thermoelectric Materials: Challenges and Opportunities	Invited talk – XX <i>Session Chair: Prof. M. Thanihachelvan, UoJ</i> Speaker: Prof. K V Hemalatha, CIT, India Biomass-derived nitrogen doped activated carbon with polyaniline nanocomposites for supercapacitor application	Invited talk- XXI <i>Session Chair: Dr. T. Pathmathas, UoJ</i> Speaker: Dr. B. Ashokkumar, Madurai Kamaraj University, India Bioengineered magnetic graphene oxide microcomposites consisting of Paracoccus sp. for the bioremediation of xenobiotics from wastewater
13.45 to 14.00	Invited talk – XXII Speaker: Dr. K.D.M.S.P.K. Kumarasinghe, CodeGen International Pvt. Ltd, Sri Lanka Advancing Sustainable Energy and Material Solutions through University-Industry Collaboration	Invited talk – XXIII Speaker: Dr. P. Varalakshmi, MKU, India Renewable energy from microalgae: enhancement of lipid accumulation and recovery of fatty acid methyl esters using different catalysts	Invited talk- XXIV Speaker: Dr. M. Madhavi, Osmania University, India Green Synthesized Silver Nanoparticles and Plant Extracts as Eco-friendly Larvicides Against Anopheles stephensi, Aedes albopictus, and Aedes vittatus: A Comparative Study
ORAL PRESENTATIONS			
	Library Auditorium	Physics Mini Auditorium	Physics Lecture Hall 3 (P3)
	<i>Chair: Dr. Jegatha Christy, JAC, India</i> <i>Prof. Sudip K Batabyal, AVV, India</i>	<i>Chair: Dr. P. Balraju, CIT, India</i> <i>Mr. S. Loheeswaran, EUSL</i>	<i>Chair: Dr. Varalakshmi Perumal, MKU, India</i> <i>Dr. Balaji Ayyanaar (CIT)</i>
	Symposium on Advanced Functional materials	Symposium on Solar Energy	Symposium on Nanomaterials for Health Application Health Application
14.00 to 16.00	AFM (18) 12, 163, 181, 193, 236, 248, 252, 256, 257, 258, 230, 239, 241, 242, 250, 253, 254, 255	Solar (14) 70, 201, 202, 206, 210, 211, 214, 235, 237, 238, 240, 243, 245, 1	Health (12) 18, 19, 52, 53, 74, 165, 167, 184, 198, 232, 234, 251, 252
16.00 to 16.30 Tea Break			
16:30	Valedictory session		
	Session Chairs: Prof. Dhayalan Velauthapillai and Prof. P. Ravirajan		
	Prof. Kirthi Tennakone, Georgia State University, USA		
	Prof. Jens Kristian Fosse, Western Norway University of Applied Sciences,		
	Prof. N. Muthukumaraswamy, Coimbatore Institute of Technology, India		
	Prof. Gamini Rajapakse, University of Peradeniya, Sri Lanka		
	Prof. Ajith de Alwis, Chairman, National Innovation Agency, Sri Lanka		
Dr. Balasundaraprabhu, PSG CT, India			
End of the conference			