INTERNATIONAL CONFERENCE **VENUE: ROOM NO ML 10**

SUSTAINABILITY IN DESIGN, ENGINEERING AND ARCHITECTURE

31 OCTOBER 2026 [Saturday]

TECHNICAL SESSION III (04:00-05:30 pm) – CHEMICAL & FOOD TECHNOLOGY

SESSION CHAIR: Prof. Sheeba Jilani; SESSION CO-CHAIR: Dr. Raunaq Hasib

S. No.	TRACK ID	TOPIC AND AUTHOR	
1	SDEA-2026-0100	Kinetic Modelling of Biogas Production from Pretreated waste activated Sludge Iram Arman*, Prof. Arinjay K. Jain**, Prof. I.H. Farooqi***	
2	SDEA-2026-0124	Optimization of Crude Oil Distillation Unit for Improved Energy Efficiency and Product Recovery Faisal Tyagi*, Sheeba Jilani**	
3	SDEA-2026-0133	Synthesis of Carbon Dots from citric acid and their utilization in pH sensing and photocatalytic degradation of Methylene Blue dye Satya Vir Singh*, Nishita Bansal**, Nitin Patel**	
4	SDEA-2026-0171	Development of BlendGuard AI: An ANN-Based Decision Support System for Gasoline Blend Property Prediction and Specification Checking Mohammad Zaid, Iftekhar Ahmad	
5	SDEA-2026-0189	Metal-Organic Frameworks (MOFs) for Sustainable Biodiesel Production Shahnawaz Alam*, Abu Mustafa khan**	
6	SDEA-2026-0201	AI-Assisted Optimization of Agricultural Waste-Derived Biochar for Sustainable Wastewater Treatment Shradha Singh, Kunjal Singh, Manu Yadav	
7	SDEA-2026-0210	Process Modelling and Performance Evaluation of Advanced Adsorbents for Air Pollution Control Shahnoor Ali, Mahfooz Alam, Shoaib Mujif Mahaldar	
8	SDEA-2026-0224	Physicochemical Characterization of Gum Ghatti–Starch Blends and Electrospinning of Gum Ghatti-Based Fibres Mohammad Zohaan Sherani*, Dr. Harinder Singh**	