INTERNATIONAL CONFERENCE [SUSTAINABILITY IN DESIGN, ENGINEERING AND ARCHITECTURE**]** **ROOM NO. ML 11**

31 OCTOBER 2026 [Saturday]

TECHNICAL SESSION III (4:00-5:30 pm)- INTERDISCIPLINARY AND APPLED SCIENCES

SESSION CHAIR: Prof. Shakeel Khan; SESSION CO-CHAIR: Dr. Mohd Arsalan

S. No.	TRACK ID	TOPIC AND AUTHOR	
1	SDEA-2026-0052	**A generalized framework for automated detection of mental stress using LOSO validation** Aryan Varshney, Nausheen Ansari, Omar Farooq	
2	SDEA-2026-0072	**Recent Progress in Polymer-Based Metal–Organic Framework Membranes: From Fabrication Strategies to Advanced Separation Performance and Practical Applications** Mohd Arsalan*, Wasi Ur Rahman**	
3	SDEA-2026-0084	**Climate variability and vegetation dynamics in Aligarh District, Uttar Pradesh: An Ecohydrological Assessment** Arshad Usmani	
4	SDEA-2026-0088	**Leagile Strategies for Mass Customization: Bringing Late-Stage Personalization to Mid-Market Vehicles** Sheikh Noorul A. Usmani, Shahzeb Adil, Faisal Talib	
5	SDEA-2026-0134	**Justice and governance in AI driven city : synergetic integration of Sustainable Design, Engineering and Architecture in contemporary era of Artificial Intelligence** Dr.Syed Ali Nawaz Zaidi* , Kaushal Pal Singh** , Aanchal***	
6	SDEA-2026-0138	**Assessing Sustainable Development Goal Synergies of Rooftop Solar PV Adoption – An empirical approach** Shah Farhan Ahmad*, Md Zeeshan Alam**, Kartik Kumar**, Ale Imran***	
7	SDEA-2026-0153	**Comparative Investigation of Sustainable Polymer Inorganic Composite Multifunctional Membranes at Different Mass Ratios for Wastewater Treatment** Zubia Subhan*, Almas Mehtab*, Mohammad Mujahid Ali Khan**, S. Asad Ali*	
8	SDEA-2026-0172	**Synthesis and characterization of CuFe2O4 spinel ferrite for structural, dielectric and electrochemical properties** Mohsina Ashraf*, Yusuf Ansari**, Shakeel Khan*	
9	SDEA-2026-0181	**Traditional Medicine-Integrated Conductive Scaffolds for Spinal Cord Injury Repair: A Design Framework for Multi-Target Neural Regeneration** Khadijah, Prof Md Azhar Aziz, Aleena	
10	SDEA-2026-0223	**Hydrothermal Synthesis and Electrochemical Investigation of $FeCo_2O_4$ Nanostructures for High-Performance Energy Storage Applications** Krishna Kumar Yadav*, M. Yusuf Ansari**, Shahid Husain*, Wasi Khan*	
11	SDEA-2026-0229	**NiMn2O4-Modified Sustainable Rice Husk Activated Carbon as an Efficient Electrode Material for Supercapacitor Applications** Hilal Ahmed*, Zubia Subhan*, Satish Kumar Gola**, Nishat Ilyas***, Faheem Ahmed***	