

PROGRAM AT A GLANCE

December 9, 2024

8:00	Registration 8:00 AM - 5:00 PM Room: AB5 Reception			
8:30				
9:00	Official Opening / Inauguration			
9:30	Room: AB5 Auditorium			
10:00	Keynote: Building a Future Ready India: Transformation of Technical Education by 2047 through implementation of NEP 2020 Dr. T.G. Sitharam			
10:30	Room: AB5 Auditorium			
11:00	Morning Tea			
11:30	Keynote: Transformation in Engineering Education - A case study of the National University of Singapore Prof. Aaron Thean			
12:00	Room: AB5 Auditorium			
12:30				
13:30	Lunch			
14:00	AI-Driven Innovations in Educational Technology Room: AB5 - 104	Collaborative Learning and Engagement in Engineering Education Room: AB5 - 105	Problem-Based Learning for Real-World Skill Development Room: AB5 - 106	Flexible and Distance Learning for Broader Access to Education Room: AB5 - 107
14:30				
15:00	Afternoon Tea			
15:30	Campus Tour			
17:00				

December 10, 2024

8:00	Registration 8:00 AM - 5:00 PM Room: AB5 Reception			
8:30				
9:00	Keynote: The IEEE Education Society: Overview and Challenges for the Future of Engineering Education Dr. Martin Llamas-Nistal			
9:30	Room: AB5 Auditorium			
10:00	Morning Tea			
10:30	Work-Integrated Learning and Career-Ready Skills Room: AB5 - 104	Enhancing Student Engagement in Engineering Programs Room: AB5 - 105	STEM Education and Technology-Enhanced Learning Environments Room: AB5 - 106	Ensuring Academic Integrity in Online Education Room: AB5 - 107
11:00				
11:30				
12:00	Lunch			
13:00				
13:30	Invited Talk: Sustainability Through Value Engineering Dr. Ramachandra Gambheer			
14:00	Room: AB5 Auditorium			
14:30	Afternoon Tea			
15:00	Computing and IT Education for the Future Workforce Room: AB5 - 104	Assessment and Evaluation Techniques in Engineering Education Room: AB5 - 105	AI-Enhanced Personalized Learning and Student Support Room: AB5 - 106	Cyber-Physical Systems and AI Applications in Engineering Education Room: AB5 - 107
15:30				
16:30				

PROGRAM AT A GLANCE

December 11, 2024

8:00	Registration						
8:30	8:00 AM – 5:00 PM Room: AB5 Reception						
9:00	Invited Talk: Engineering Education inside the Industry 5.0 and the AI era						
9:30	Dr. Manuel Castro Room: AB5 Auditorium						Workshop 3 Individualized Assessments to Enhance Teaching & Learning Room: AB5 – 202
10:00	Morning Tea						
10:30	Emerging Approaches in Engineering Pedagogy Room: AB5 – 104	Experiential Learning and Digital Tools for Skill Development Room: AB5 – 105	AI-Driven Support Tools for Enhanced Teaching and Learning Room: AB5 – 106	Digital Literacy and Cybersecurity in STEM Education Room: AB5 – 107	TALE Steering Committee Meeting		
11:00							
11:30							
12:00	Lunch						
12:30							Workshop 4 Synergising Problem & Project Based Learning and Design Thinking Room: AB5 – 202
13:00							
13:30							
14:00							
14:30							
15:00							
15:30							
16:00							Empowering TALE Organizers: Building a Strong IEEE TALE Community in Region 10 Room: AB5 – 107
16:30	Afternoon Tea / Buses to Gala Venue						
17:00	Gala Dinner / Awards Ceremony						
19:30	Royal Orchid Hotel						

December 12, 2024

8:00	Registration						
8:30	8:00 AM – 2:00 PM Room: AB5 Reception						
9:00							
9:30	Morning Tea						Workshop 5 Design and Smartly Deploy Sustainability & Decarbonisation Features in Science, Engineering & Technology Education Room: AB5 – 202
10:00	Innovative Curriculum Design in STEM Education Room: AB5 – 104	Emerging AI Tools for Teaching Support and Assessment Room: AB5 – 105	Project-Based Learning and Skill Development in Engineering Room: AB5 – 106				
10:30							
11:00							
11:30							
12:00	Lunch						
12:30							
13:00							
13:30	Closing Ceremony, and Post-Conference drinks						
14:00							