

Sunway Conference on Learning and Teaching **SCLT 2026**

FORGING AHEAD: FUTURE-PROOFING EDUCATION

28TH NOVEMBER 2026

CONFERENCE PROGRAMME

8:00am – 8:30am	Registration
8:30am – 8:40am	Welcome Remarks by Ms Suzana Ahmad Ramli and Ms Sumathi Balasubramaniam <i>Chair & Co- Chair of SCLT 2026 Organising Committee</i>
8:40am – 9:40am	Keynote Address by R. Keeth Matheny <i>Award-winning teacher, author & international keynote speaker</i>
9:40am – 9:55am	Opening Address by Professor Dato' Dr Elizabeth Lee <i>Group Chief Executive Officer, Sunway Education</i>
10:00am – 11:20am	Sessions 1 - Clustered Paper Presentations GROUP 1 - Developing a Coordinated Early Support System for At-Risk Students in Higher Education: A Leadership Perspective - Learning Through the Eyes of a Child: Game-Based Learning as a Pedagogical Catalyst - WACE Students' Awareness and Prior Experience of Virtual Reality and their Readiness for VR-Based Learning GROUP 2 - Rethinking A-Level Mathematics Learning through Writing-To-Learn (WTL) - Designing Interactive Case-Based Learning with Generative AI: Developing and Deploying GPT-Driven Pedagogies - Gender Inclusivity in Technology-Enhanced Learning among SUF and MUFY Students - Enhancing Pre-University Students Understanding of Optimization via Guided Use of Generative AI GROUP 3 - Constructivist Blended Learning Environments: Fostering Understanding and Engagement in Post-Pandemic University Students - Generative AI and Entrepreneurial Learning: A Pilot Study in Transnational Business Education - From Emotional Avoidance to Psychological Flexibility: Evaluating an Act-Based Social and Emotional Learning Intervention among College Students in Malaysia - Bridging The Code Gap: An Educator-AI Co-Creation Framework for Developing Customised Simulators for Business Education GROUP 4 - Technology-Enhanced Learning in AUSMAT: Students' Perceptions of Digital Tools - Invisible Sustainability: Investigating Students' Multi-Dimensional Awareness of Sustainability Initiatives at Private Universities in Selangor. - From Hallucination to Alignment: A Grounded AI Approach in Education through Retrieval Augmented Generation - AI- Assisted Cognitive Offloading and its Effects on Chemistry and Biology Laboratory Problem-Solving among Pre-University Students

CONFERENCE PROGRAMME

11.30am - 12.50pm

Sessions 2 - Clustered Paper Presentations

GROUP 1

- Enhancing Student Response Quality through Jigsaw and Padlet: A Pilot Action Research Study
- Immersion in Virtual Reality Learning Environments: Facilitating Experiential Learning in Higher Education
- From AI-Assisted Inspiration to Dependency: Evaluating ChatGPT's Role in Design Thinking among Design Students

GROUP 2

- Leveraging Microsoft Copilot in Report Writing: A Watch-Think-Do-Feel Approach to Enhance Critical Thinking and Collaborative Learning among Pre-University Students
- Exploring the Experiences and Perspectives of University Students with Generative Artificial Intelligence
- From Adoption to Scaling: Lecturer Readiness, Institutional Barriers, and AI Integration in Pre-University Education

GROUP 3

- Effectiveness of Addie-Based Spaced Learning and Retrieval Practice in Improving Long-Term Retention and Reducing Cognitive Load
- Perception of Generative AI by Pre-University Students in Malaysia
- Shaping Positive Mind: Factors Influencing Sunway College Johor Bahru Students' Intention to Practise Positive Thinking

GROUP 4

- VR Meets Pen: Exploratory Study on Virtual Reality-Enhanced Formative Assessment for Gen Z Learners in Accounting Education
- Pre-University Students' Perceptions of Scaffolded Viva Voce as an AI-Resilient Assessment in an English Language Research Paper Component: A Survey Study
- Impact-Driven Learning: A Service-Learning Framework towards Enhanced Student Engagement & Social Consciousness

12.50pm - 1.50pm

Lunch Break

2.00pm - 3.00pm

Forum: Educators Exchange

3.10pm - 4.30pm

Sessions 3 - Clustered Paper Presentations

GROUP 1

- Bridging Linear Algebra and Machine Learning through Constructivist and MOOC- Supported Learning for Pre-University Students
- Artificial Intelligence in Education - Rethinking the Role of Lecturers in the Digital Age
- Enhancing Historical Inquiry and Critical Thinking through Reflective AI Prompting

GROUP 2

- Future Ready Learning through Minecraft Enhancing Student Engagement in Computing and Engineering Education
- Case Study of School Teachers' Perspectives on Artificial Intelligence Adoption on Personalised Learning and Educational Outcomes in an Ontario Curriculum High School
- Exploring The AI Readiness Gap in A-Levels: Student and Lecturer Perspectives

GROUP 3

- Student Perceptions of Generative Artificial Intelligence as a Research Tool in the Humanities: A Study Based on Monash University Foundation Year Students
- Multidisciplinary Learning: Enhancing Cognitive and Self-Efficacy Skills among College Students
- Generative Artificial Intelligence (GenAI) in Academic Writing: Students' Perceptions and their Writing Confidence Level

GROUP 4

- Multi-Touch Tabletop Interfaces as Emerging Technologies Enhancing Spatial Cognition in Stem Education
- The Relationship Between Lecturer Emotional Intelligence, Student Well-Being, and Learning Engagement in AUSMAT Science Classes
- Using a Goal-Setting Calculator to Support Goal Clarity, Revision Planning and Self-Regulated Learning in A-Level Students

4.30pm - 5.15pm

Closing Remarks and Afternoon Tea