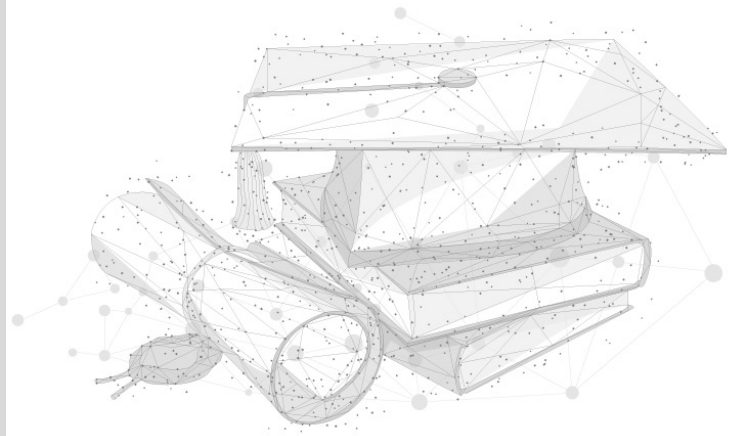








Area of Research

Learning Sciences and Assessment



 Research Domains	 Scope of Research	 Faculty Members (Potential Supervisors)
Assessment	Assessment for Learning	Assoc Prof Tan Heng Kiat Kelvin
Science of learning	Neuroscience/Neurophysiology (EEG/fNIRS) Affect (emotions) and learning	Asst Prof Farhan Ali
Artificial Intelligence	AI in Education Educational data science	Asst Prof Farhan Ali
Blended learning	Blended synchronous learning Design of blended learning	Assoc Prof Wang Qiyun
Technology-enhanced language learning	Computer-supported collaborative language learning Augmented Reality-supported language learning	Asst Prof Wen Yun
Technology-mediated learning	Designing for technology-mediated learning Augmenting technology-mediated learning	Assoc Prof Shanti Divaharan
Technology-mediated learning	Teacher professional development	Assoc Prof Tan Seng Chee
Learning Sciences	Games, game-based learning, gamification Experiential learning Embodiment; Identity Learning innovations Design-based interventions	Asst Prof Azilawati Jamaludin

 Research Domains	 Scope of Research	 Faculty Members (Potential Supervisors)
Learning sciences	Knowledge building Computer-supported collaborative learning Teacher noticing Learning analytics Design-based interventions Mobile learning	Assoc Prof Tan Seng Chee
Science of Learning	Neuroscience, Technology and Learning Educational Neuroscience	Asst Prof Azilawati Jamaludin
Learning Sciences	Computer-Supported Collaborative Learning Mobile Learning	Prof Looi Chee Kit
Learning Sciences	Computer-Supported Collaborative Learning Mobile Learning Learning analytics Design-based interventions	Assoc Prof Chen Wenli
Technology-mediated learning	ICT integration for teaching and learning AI for education	Assoc Prof Chen Wenli
Learning Sciences and Assessment	Learning beyond Assessment Organic Learning Knowledge Forensics	Assoc Prof Chen Der-Thang Victor
Research literacy	Qualitative methodologies Quantitative methodologies Literature Review methods Design-based Research Conjecture Mapping Action Research	Assoc Prof Chen Der-Thang Victor
Technology-mediated learning	Teacher professional development Instructional Design	Assoc Prof Choy Doris
Learning Sciences	Knowledge building Computer-supported collaborative learning Student agency, self-regulation, emotion Learning Analytics Mixed methods	Asst Prof. Zhu Gaoxia
Technology-mediated learning	STEM learning environments Interdisciplinary learning Collaborative inquiry Scaffolding	Asst Prof. Zhu Gaoxia