## Research Domains

<table>
<thead>
<tr>
<th>Research Domains</th>
<th>Scope of Research</th>
<th>Faculty Members (Potential Supervisors)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment</td>
<td>Assessment for Learning</td>
<td>Assoc Prof Tan Heng Kiat Kelvin</td>
</tr>
<tr>
<td>Science of learning</td>
<td>Neuroscience/Neurophysiology (EEG/INIRS) Affect (emotions) and learning</td>
<td>Asst Prof Farhan Ali</td>
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<tr>
<td>Artificial Intelligence</td>
<td>AI in Education</td>
<td>Asst Prof Farhan Ali</td>
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</tbody>
</table>
| 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                                                   |
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| 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-Thanq Victor                                        |
| Research literacy                      | Qualitative methodologies  
Quantitative methodologies  
Literature Review methods  
Design-based Research  
Conjecture Mapping  
Action Research | Assoc Prof Chen Der-Thanq Victor                                             |
| Technology-mediated learning           | Teacher professional development  
Instructional Design | Assoc Prof Choy Doris                                                    |