**Asia Pacific University of Technology and Innovation**

**Research Proposal Defense Assessment**

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| 1. **Personal Details** | |
| Name (Full name as per IC/Passport) | RICKY MICHAEL M. OLIVA |
| Student TP number | TP071074 |
| Intake code | APUPF2209TECH |
| Programme of study | DOCTOR OF PHILOSOPHY IN TECHNOLOGY |
| Date of the proposal defense | 12/8/2023 |
| Attempt number | 1st 2nd 3rd |
| Thesis/Dissertation title | EXTENDED REALITY AND ARTIFICIAL INTELLIGENCE-BASED COURSE RECOMMENDATION:A NCAE-XRAI MODEL |

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| **Assessment** | | |
| **Criteria** | **Examiner#1 Remarks** | **Examiner#2 Remarks** |
| **Overall Proposal’s Novelty/Recency/Originality**  The proposal is original, novel and contributes to the field. The title is clear and informative, and it reflects the aim and approach of the work. | The thesis is original and have contribution towards the research field. Title is clear and reflects the aims of the work. The scope is a lot and ambitious, maybe can narrow down. | Meet expectation:  Title is clear and reflects the aim of work |
| **Writing Quality and Structure.**  The English and grammar of the proposal are good. The proposal is well-written and understandable.The proposal is well organized and structured. | The thesis writing quality understandable. Some minor mistakes in the citation, example  - Page 29 “According to Vasaraine M., et.al” no year stated  -Page 31: (Constanza, Andreas & Fjeld, 2009) should be (Constanza et al., 2009)  Be consistent in the citations  No consistency in Figure or Fig (Page 30)  Page 51: The line spacing is single instead of 1.5  Page 59: Paragraph 2 “We make use…” avoid using the ‘first person’  the indication of Table numbers in the documentations, minor grammatical errors. | Meet expectation:  Well organized and structured proposal. However, several errors in punctuation and citation format. |
| **Introduction and Problem Statement**  The introduction is clear, well organized, and puts into perspective the need for a study. The justification for the study is clear, and the research problem/gap is provided. | Clear and the structure is organized well with the research gap. | Meet expectation:  Problem statement is clear. |
| **Aim, Objectives, Research Questions & Hypothesis. Framework**  The aim, questions and hypotheses are clear, and there is congruency. Research framework is provided. | Can fined-tuned the 2nd objective. There are 3 research objectives but only 2 research objectives stated. Need to add more research objectives to meet the PhD requirement. | Meet expectation:  However, the objectives should be narrowed down and provide more specific directions. |
| **Literature Review**  Comprehensive and includes the latest works on what is known in this field of study. There is evidence of analysis and synthesis. | Comprehensive and clear in the research field and can relate to the research. Need to include more evidence (e.g: in term of evaluation metrics/percentages/benchmark) for comparison based on the existing system in the related domain especially for the AI. | Meet expectation:  Comprehensive LR with similar assessment tests over few countries |
| **Methodology**  The description of the methods is adequate. Able to justify the research methodology that was chosen. All the planned stages of work are well described. | What type of methods/techniques used to identify the conceptual framework?  Can include the justification of why the proposed model chosen.  Need to include the scientific evidence of the work.  How the factors have been identified in the conceptual framework? What type of initial testing will be used for the framework? | Meet expectation:  Sufficient and able to justify the research methodology chosen. Perhaps can add your research activities flowchart as well in this section. |
| **Thesis schedule (Gantt Chart)**  The thesis plan is provided, and comprehensive. | Provided | Meet expectation:  Gantt Chart is provided and comprehensive. |
| **Presentation**  The presentation was very well done and included all of the important points in a clear, logical, and convincing way.  Student able to respond to the questions professionally. | Able to present the work and answer the questions with some limitations. | Meet expectation:  Well delivered with confident and able to answer most of the questions professionally. |
| **Other comments:** Align your research questions and objectives with your problem statements. Perhaps, for clearer illustrations, you can map those objectives in your research activities flowchart. | | |