

Editorial

We release the third issue of the sixteenth volume of the **Journal of E-Technology** with the following research.

In the opening paper, “**Enhancing Coalition Formation in Multi-Agent Systems through Emotion-Informed Decision Making**,” the authors used a hybrid approach to coalition formation in Multi-Agent Systems (MAS) by integrating emotional modelling into rational decision-making processes. The model used the OCC (Ortony, Clore, and Collins) framework to quantify emotional dispositions. This model proved through examples how it can streamline coalition formation by eliminating unlikely or unfavourable partnerships early.

In the paper, “**Engaging Students in E-Learning System Design: A Pilot Study Using a Unique Model**,” the authors introduced a novel model for a student-centred participatory design framework used to develop e-learning systems. With the use of educational technology, real-time user needs are assessed and incorporated into the framework.

In the last paper, “**Probabilistic Mechanisms for Dynamic Opponent Modelling in Argumentation-Based Dialogues**,” the authors developed a model for constructing and updating opponent models (OMs) within argumentation-based persuasion dialogues. This work used two key mechanisms, updating and augmentation. This work helped to improve agent performance in persuasion by improving their reasoning about opponents.

We hope these papers are significant in the E-Technology Research.

Editors