I. Conclusion and Recommendations

The research and development of the proposed system reveals that the Automation of the Faculty Loading from the various criteria is possible. In the process, the generation of the faculty loading schedule from the first process of tagging the faculty members and subject until generating an analytics report took less than a week which is way faster than the current process of faculty loading. Faculty members will be having enough time to prepare their lessons/syllabus before the start of the class. It has also been shown that the assumption weights of the given criteria base on its rank helps to provide fair loading of schedules for the faculty members.

1. Explore the use of Artificial Intelligence (AI) – It is an area of computer science that emphasizes the creation of intelligent machines that work and react like humans. It includes examples like speech recognition, learning, planning, and problem solving. [8] In relation to Faculty Loading, an AI can act to plan, reason out, solve, and learn why the program head gave the certain subject to a faculty member. The faculty loading's programs the computers to learn or to have an ability to identify matches to each faculty. It can also involve learning of numerical regressions as opposed to having a business analytics tool.
2. To include an Admin Teaching Load module – As of now, the project only focuses on giving load to faculty members. The project team recommends future makers to add a module regarding on how to give out load to an admin or to program heads. A good representation for this module is involving the entity relationship diagram. One attribute of a faculty is faculty type that would be broken down to two parts to have an extended entity relationship diagram. Two parts consists of an admin and a faculty member only. Adding up this module, the system would also calculate some numerical figures based on the admin's specialization, history of teachings, and OTE.
3. Correlation between Power BI and Enhanced APC Faculty Loading System - Panelists recommended that the system must have a correlation with the business tool that the project team used, which is Power BI.

4. Math formula for Algorithm – Panelists recommended that the algorithm should be a math formula to test its effectiveness instead of a flowchart.