Myanmar Engineering Council
Engineering Education Accreditation Committee

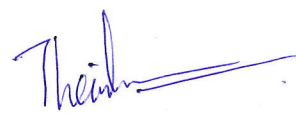## Exit Statement

University   Yangon Technological University

Program   Bachelor of Engineering (Computer Engineering

and Information Technology)

Convener

Prof. Dr. Thein Tan   26.1.2018

Chair

Prof. Dr. Zaw Min Naing   26.1.2018

Evaluator

Prof. Dr. Myo Thein Kyaw   26.1.2018

Evaluator

U Thein Soe   26.1.2018

Criterion 1(a): Mission and Objectives

Strength:

Criterion	Statement

Area for Improvement:

Criterion	Statement
	1. Industrial Advisory Panel (IAP) needs to be reformed by participating with members from relevant IT industry sectors such as Myanmar Computer Professional Association (MCPA), Myanmar Computer Industrial Association (MCIA) and Telecom sector.

Observation:

Comment

Criterion 1(b): Programme Outcomes

Strength:

Criterion	Statement

Area for Improvement:

Criterion	Statement
	1. PO and CO must be amended in line with the guidelines of EEAC and the department needs to submit the revised version to EEAC within 2 weeks. 2. Relevant industrial input as well as stakeholder needs to be taken into consideration. 3. PO and CO mapping and achievement of CO need to be reviewed.

Observation:

Comment

Criterion 1(c): Academic Curriculum

Strength:

Criterion	Statement
	1. The existing curriculum and syllabus were reviewed by Japanese Professor with the help of JICA twice a year.

Area for Improvement:

Criterion	Statement
	1. When updating the curriculum, engineering practice, environment, safety, Myanmar contract law and finance topic need to be introduced in accordance with the qualifying requirements and accreditation criteria of EEAC guidelines to train a more all-rounded engineer.
	2. It plays vital important to reduce SLT in the existing curriculum in order to be oriented into outcome-based education system.
	3. Teaching delivery should include 70% lecture, 30% practical according to the interview with industry representatives.

Observation:

Comment
1. The curriculum should be designed in such a way not to overload the students.
2. Industrial representatives have suggested that practical projects should be increased to get more practical knowledge and experience.
3. Lessons for computing mathematics should be expanded.

Criterion 2: Students

Strength:

Criterion	Statement
	1. Students can consult their academic affairs with teachers. 2. Majority of the students are enthusiastic because ICT has become popular and market demand is escalating from day to day.

Area for Improvement:

Criterion	Statement
	1. The more industrial training must conduct in the industrial site for gaining more practical experience and exposure. 2. According to the interview, students highlight that they have strong willingness to get more practical periods in the curriculum. 3. Especially in the programming subject, students are more desirable to sit the exam by using computer rather than written system.

Observation:

Comment
1. Teaching staff should promote the awareness about the link between PO and CO to students. 2. Student counseling is required for assisting student affairs. 3. Teaching staff should discuss the structure and objective of subject to students.

Criterion 3: Academic and Support staff

Strength:

Criterion	Statement
	1. Academic staffs have strong academic qualification i.e. the department is operating with 9 Ph.D. holders and 12 M.E holders. 2. Staff and student ratio is 1:9, which is effective for teaching – learning environment.

Area for Improvement:

Criterion	Statement
	1. Academic staffs should be encouraged to enhance collaboration with industry to acquire industrial exposure.
	2. Academic staffs need to conduct more research and development activities.
	3. Academic staffs should try to get professional engineer qualification such as P.E., R.S.E., R.E. when applicable.

Observation:

Comment
1. Academic staffs are necessary to link with relevant IT industry in order to achieve industrial experience.

Criterion 4: Facilities

Strength:

Criterion	Statement
	1. Infrastructure and the green environment are impressive.
	2. Better teaching – learning facilities is available because of small class size.

Area for Improvement:

Criterion	Statement
	1. It is necessary to establish E-library system and fast internet access.
	2. New practical instruments and devices for emerging technology should be provided.

Observation:

Comment
1. Departmental library should be upgraded.
2. Regular repairing and maintenance for laboratories are required.
3. In some major subjects, power point slides should be prepared in line with the international practice.

Criterion 5: Quality Management Systems

Strength:

Criterion	Statement

Area for Improvement:

Criterion	Statement
	1. It is necessary to collect inputs from relevant industry and stakeholder for assessment of overall academic standard of the program.

Observation:

Comment
1. Evaluation results should be used for continual improvement of the program.

NB:

Strength: Anything with a **'wow factor'** of **'very outstanding nature'** far beyond just satisfying the minimum requirements.

Area for Improvement or Opportunities for Improvement (OFI): 'Good to have' or 'desirables' recommendations made by the Evaluation Team for programme Continual Quality Improvement (CQI)

Observation: A comment or suggestion that does not relate directly to the accreditation action but is offered to assist the institution in its continuing efforts to improve its programs.

Concern: Statement that a program currently satisfies a criterion, policy, or procedure, but the potential exists for the situation to change such that the criterion, policy, or procedure may not be satisfied.

Weakness: Statement that a program lacks strength of compliance with a criterion, policy, or procedure to ensure that the quality of the program will not be compromised. Remedial action is required to strengthen compliance with the criterion, policy, or procedure prior to the next review.

Deficiency: Statement that a criterion, policy, or procedure is not satisfied. The program is not in compliance with the criterion, policy, or procedure.