Quality Assurance Cell Report
(For Accreditation Criteria ACC-MAN-02-V3.0)

QAC Review Date	

Program Information:

Name of the Program	
Name of the Department	
Name of the University	
Address	

Summary of QAC Review:

Criteria:

Criterion 1: Program Educational Objectives	
Sub-criteria	***QAC Comments***
i. Published PEOs must be clear, concise, assessable, and realistic within the context of the available resources.	
ii. PEOs must be consistent with the vision and mission of the institution or the department offering the program.	
iii. The program must demonstrate an established system for compiling the level of attainment of PEOs, including a mechanism for tracking and obtaining feedback from graduates and their employers.	
Overall criterion 1	

Criterion 2: Program Outcomes and Assessment	
Sub-criteria	***QAC Comments***
i. The process involved in defining the POs must be described. POs specified by the program must be significantly equivalent to the twelve graduate attributes or POs of BAETE.	

ii.	Each course must have clear quality requirements and facilitate the achievement of course outcomes (COs) through teaching-learning and assessment methods.	
iii.	The program must demonstrate the availability of the lecture plan, including COs, course content, books, grading policy, assessment tools and samples of corresponding student works, and assessment of CO attainment.	
iv.	Students' academic performance must be continuously monitored to ensure the achievement of outcomes.	
v.	The program must demonstrate, using direct methods, that the students attain all POs by graduation.	
Overall criterion 2		

Criterion 3: Curriculum and Teaching-Learning Processes		
	Sub-criteria	***QAC Comments***
i.	The curriculum must satisfy the relevant program specific criteria.	
ii.	The breadth and depth of the curriculum must be appropriate for solving complex engineering problems.	
iii.	The curriculum must contain adequate courses on mathematics, natural sciences, computing, humanities, social sciences, and other non-engineering subjects.	
iv.	Curriculum and teaching-learning processes must support the attainment of PEOs.	
v.	The correlation between the course outcomes (COs) and POs must be appropriate.	
vi.	How each attribute of the Knowledge Profile (WK1 – WK9) is addressed in the curriculum must be demonstrated through mapping. The program must	

	also demonstrate how the attributes of the Range of Complex Engineering Problems (WP1 – WP7) and Complex Engineering Activities (EA1 – EA5) are incorporated into the teaching, learning, and assessment. Additionally, the program must demonstrate how various United Nations Sustainable Development Goals are considered in teaching, learning, and assessment.	
vii.	The teaching-learning processes and assessment tools selected for each course must be effective and appropriate for achieving the relevant outcomes, including those pertaining to complex engineering problems and activities, if applicable.	
Overall criterion 3		

Criterion 4: Interactions with the Industry		
	Sub-criteria	***QAC Comments***
i.	The industry must participate in developing the curriculum to ensure that it is relevant, regularly updated, and meets the needs of the industry, particularly in areas experiencing rapid changes.	
ii.	The program must provide students with the opportunity to obtain industrial experience.	
Overall criterion 4		

Criterion 5: Continuous Quality Improvement		
	Sub-criteria	***QAC Comments***
i.	The program must have a functional quality assurance system under an institutional framework.	
ii.	The program must address the concerns, weaknesses, and deficiencies the BAETE evaluation team identified in the last review.	

iii.	The students receive periodic feedback on their academic performance from the course teachers.	
iv.	The findings of the CQI exercises for PEOs must be evaluated, and the identified shortcomings and limitations must be used regularly to refine and improve the program.	
v.	POs must be assessed on a regular cycle. The program must undertake regular appropriate review of POs, considering feedback from relevant stakeholders.	
vi.	The program must evaluate the curriculum and teaching quality regularly while considering feedback from faculty members, students and other stakeholders, and use the results of these evaluations for continuous improvements.	
Overall criterion 5		

Criterion 6: Students		
Sub-criteria		***QAC Comments***
i.	The program must have and practice published policies for the admission and transfer of students into the program.	
ii.	The admission requirements must be appropriate for selecting students with the potential to achieve the program outcomes, including good grades in mathematics and natural sciences.	
iii.	Every student must be assigned an advisor. The advisor must counsel, guide, and mentor the student on all academic and professional matters.	
iv.	Students' workload must enable them to participate in extra- and co-curricular activities and the activities of relevant professional societies.	
Overall criterion 6		

Criterion 7: Faculty	
Sub-criteria	***QAC Comments***
i. The department must have a sufficient number of full-time faculty members to ensure that they are not overloaded with courses and that the program does not become overly dependent on part-time faculty members.	
ii. The department must have a good blend of senior and junior faculty members with adequate academic qualifications and specializations in areas closely related to the program.	
iii. The teacher-student ratio, class size, and teaching load must not compromise opportunities for interactions between the students and faculty members.	
iv. Faculty members must be responsible for designing and updating the curriculum, establishing course and program outcomes, and selecting and using appropriate assessment tools for evaluating student performance in classes and the achievement of outcomes.	
v. Faculty members must be engaged in research, development and/or professional activities.	
vi. All the faculty members must be adequately trained to establish course outcomes, conduct teaching-learning activities that are appropriate for the outcomes and assess the level of outcome achievement.	
Overall criterion 7	

Criterion 8: Governance, Finance and Safety	
Sub-criteria	***QAC Comments***
i. The officers and statutory committees of the institution must function effectively as per their roles defined in	

the institutional act/statute.	
ii. The administrative and academic policies must be put into practice.	
iii. The financial resources committed to the program must be adequate for the appropriate functioning of the program, including recruiting and retaining qualified faculty members and procuring the necessary lab equipment and tools to support teaching and learning.	
iv. A safety plan must exist and be practiced to address the risk from manmade or natural hazards, including fire detection and suppression, as well as incidents and accidents in the laboratories.	
Overall criterion 8	

Criterion 9: Academic Facilities and Technical Support	
Sub-criteria	***QAC Comments***
i. The institution must have a well-stocked library with adequate books, e-books, journals, and other relevant resources for the program.	
ii. The learning environment must be adequate and conducive.	
iii. Every student must have the opportunity to work in the laboratories.	
iv. Students and faculty members must have access to adequate computing and Internet facilities, including hardware, software tools, and support.	
Overall criterion 9	

	QAC comments
Any additional comment by the ET in the ET report	
Strengths of the Program and Institution	
Broad Level Recommendation	

Signature:

	Name	Signature with date
Chair		
QAC Member 1		
QAC Member 2		