STRATEGIC PLAN
&
PROGRAM DEVELOPMENT DOCUMENT

1. Understand education policies and defined structure of engineering education to raise the standards.
   - To define the Vision and Mission of the department in line to Vision and Mission of Institute.
   - To enmark long, term goals and short term goals precisely.
   - Establish a monitoring committee and frame work for validating the methods and process for achieving long and short-term goals.

2. To establish Department Academic Committee and perform the tasks based on the objectives for improving the quality.

   The Department Academic Committee (DAC) acts as an advisory committee responsible for all matters related to academics of the department. The committee exercises its functionality by demonstrating polices framed by the academic council. The objectives of DAC is given below,

   DAC OBJECTIVES
   - Prepare a plan of action for implementing academic activity involving all stakeholders.
   - To Exercise the needs of industry from the feedbacks of campus hiring organizations.
   - Based on the needs to establish portfolios.
   - To suggest Board of Studies for incorporating the same in the design and development of curriculum.
   - To define policies based on the needs of industry (MoUs), learning (bridging gaps). Plan of action (time tables/activity chart).
   - To identify gaps and bridge the gaps among student community based on their learning ability.
   - To exercise the scope of improvements in teaching and research achievements, projects, awards and co-curricular activities required for students.
   - To ensure that the academic activities are planned in a way to achieve PSO's and CO's.

3. To map the curriculum with industrial needs through defining Course outcomes and programme specific outcomes.
   - To Design the structure of curriculum in line to define polices by the institute.
   - To gather feedback from all the stakeholders involved in framing the guidelines for programme development.
   - To evolve a strategic plan for quality output, continuous improvement.
   - To impart plan of action for diversified learning student community.
   - To formulate the content based on 1 to 4.
   - To draft the outcomes and objectives of a course in line to standard metric (Blooms Taxonomy).

4. Propose methods for imparting knowledge. To adapt methodologies for self-learning.

    ➢ To prepare a detailed course hand out.
    ➢ To plan the necessary schedule for delivering lectures, to achieve course outcomes.
    ➢ To follow the IQAC guidelines (pre, post reviews of teaching methodologies).
    ➢ To engage and motivate in e-based learning using various available resources.
    ➢ To map the learned outcomes with programme outcomes (defined polices by DAC).
    ➢ To plan for imparting the content designed by BOS for diversified student-learning community.

    Incorporate the mechanism of imparting knowledge to develop, logic, reasoning, and vocabulary as a part of skill development.

5. Plan assessments to test the gained knowledge of students and identify the gaps in gaining the knowledge.
    ➢ To elaborate a detailed process of assessment.
    ➢ To formulate questions to assess the knowledge gained in line to course outcomes.
    ➢ To state different levels for grading the student community, to create a scope of improvements if any.
    ➢ To articulate the assessment framework inline to defined course outcomes and objectives by using performance Indicators.