



### 3. CURRICULAR GAPS IDENTIFICATION POLICY

#### Statement

As an affiliated institution, the programmes are required to adhere to the university's curriculum. There are curricular gaps that must be recognised and filled by adding content that goes beyond the specified syllabus. This policy outlines the guidelines for implementing feedback mechanisms to guarantee curriculum quality improvement.

#### Scope

This policy applies to all the programmes offered at TKM College of Engineering. Students shall be encouraged to work with innovative ideas and take initiative to organize Conferences, Industry institute interaction Programmes, Workshops, Seminars, and Invited Talks to acquire knowledge beyond syllabus.

#### Procedure

##### Curricular gaps identification

The shortcomings in the curriculum to attain the Programme Outcomes shall be identified as curricular gaps.

The following procedures must be followed in order to identify the curricular gaps.

- o Feedback from the class committee/course committee and student exit surveys shall be consolidated by the senior advisor and submitted to programme co-ordinator for identifying the curricular gaps. (link is made available in the ETlab student portal)
- o Employer feedback surveys shall be conducted by the programme co-ordinator and the suggestions are considered and conveyed to the appropriate boards responsible for framing the syllabus.
- o Feedback from Alumni Survey shall be taken by the programme co-ordinator to get their requirements in industries.
- o Feedback from the industry experts who conduct placements through Career Guidance and Placement Unit (CGPU) shall be consolidated by the programme co-ordinator and their suggestions shall be incorporated for identifying curriculum gaps.

- o GATE syllabus shall also be taken into consideration to identify the curriculum gaps.
- o The Department Academic Committee shall discuss the advantages and disadvantages of the current scheme with the help of course feedback surveys, passing out graduate surveys, alumni surveys, employer surveys etc. and shall formulate recommendations for the next scheme. These recommendations shall be submitted to the syllabus revision committee constituted by the University.

### **Content beyond syllabus**

- o Department Association and Professional Bodies student chapter and various informal student groups shall take initiative to organize Conferences, Industry institute interaction Programmes, Workshops, Seminars, and Invited Talks frequently for students by including experts from industries, reputed institutions and alumni.
- o Faculty handling the course shall conduct special lectures (Add-on courses) to address the content beyond syllabus and to bridge the curriculum gap.
- o Students shall be encouraged to work with innovative ideas and shall focus on current technological trends to do their Seminars and Projects in the final year, to acquire knowledge beyond syllabus.
- o QEEE classes shall help the students to get a better understanding of the concepts beyond the scope of the syllabus.
- o Technical fests shall be organized by the students which enable them to be aware of the new frontiers in engineering.
- o Department shall organise Industrial visits and support students to do Projects at industries to make them conscious of the challenges in the industry.
- o Students shall be encouraged to utilize resources like NPTEL and various e-learning materials and e-journals. The students shall be encouraged to attend various online courses (COURSERA, NPTEL) and training to address the content beyond syllabus.
- o International Conferences and expert talks shall be avenues for the students to enhance their technical knowledge and soft skills by interacting with the resource persons of expertise from various fields.
- o The National Service Scheme shall help students to take up socially relevant projects, thereby imparting social commitment and environmental awareness which is minimally addressed by the curriculum.
- o Students shall be encouraged to publish in-house technical Magazine and Newsletter which not only helps them to be aware of the recent trends in industry and research but also enhances the organizing skills.

### **Frequency of reviews/ meetings**

1. Feedback from students is conducted twice (mid and end semester) in a semester
2. Feedback from all other stakeholders are conducted every academic year
3. DQAC/ Subject group committees may request for a programme specific feedback as and when required

### **Related/ Supportive document**

Feedback survey

Action taken reports

### **Custodian**

Feedback survey reports are saved in the shared repository of each department. Hard copies are filed by the concerned advisors/ committees. A copy of the action taken report is sent to the IQAC.