COLLEGE OF ENGINEERING PERUMON

(Under CAPE, Established by Govt. of Kerala)

Perinad P.O, Kollam - 691 601, Kerala

CIRCULAR   **19/5/2015**

ACADEMIC INITIATIVES: A: CURRICULUM GAP IDENTIFICATION

B: CONTENT BEYOND SYLLABUS

A: CURRICULUM GAPS IDENTIFICATION

As an affiliated institution the programmes are bound to follow the curriculum set by the university. It is necessary to identify the curricular gaps and take measures to bridge it by supplementing the curriculum with content beyond syllabus

The process to identify the curricular gaps shall be carried out in the following ways.

- 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.
- **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.
- **Feedback from Alumni** Survey shall be taken by the programme co-ordinator to get their requirements in industries.
- **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.
- **GATE syllabus** shall also be taken into consideration to identify the curriculum gaps.
- The shortcomings in the curriculum to attain the Programme Outcomes shall be identified as curricular gaps

Programme Assessment Committee shall discuss about 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

B:CONTENT BEYOND SYLLABUS

- **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.
- Faculty handling the course shall conduct special lectures (**Add-on courses**) to address the content beyond syllabus and to bridge the curriculum gap.
- 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.
- **QEEE** classes shall help the students to get a better understanding of the concepts beyond the scope of the syllabus.
- **Technical fests** shall be organized by the students which enable them to be aware of the new frontiers in engineering
- Department shall organise **Industrial visits** and support students to do **Projects at industries** to make them conscious of the challenges in the industry..
- 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 **trainings** to address the content beyond syllabus.
- **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.
- **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.
- 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.

PRINCIPAL