

S D M college of Engineering and Technology, Dharwad

Department of Electrical and Electronics Engineering

Stake Holders and their involvement in curriculum design

STUDENTS

1. Students involvement helps in improvement of teaching and learning.
2. The student feedback helps the faculty to improvise his/her methods of teaching for continuous improvement.
3. Students input also help the department to decide the introduction of new elective courses that will meet the current trends.

FACULTY MEMBERS

1. Faculty members are the key to successful implementation of the program.
2. Faculty involvement through meetings, seminars and academic committees, improves the Consistency of the program outcomes.
3. Faculty contributes directly to the designing of the program, PEOs/POs, and course outcomes.

INDUSTRY

1. Industry involvement is highly essential for formulation of Department objectives, vision and mission. The feedback from the industries plays a vital role in developing the course curriculum and incorporating new technologies.
2. The industries are also benefitted by employing students already groomed to their requirement

ALUMNI

1. Alumni play a important role in designing the departmental objectives through their feedback.
2. Alumni feedbacks are necessary to incorporate the recent requirement of industries and current trends.
3. Alumni feedback is essential for preparing the students to meet the job expectation and make them employable

SUBJECT EXPERTS

- Subject experts give valuable inputs for making students well equipped to gain knowledge base that helps the students to face the future challenges in their engineering career.

3) Industry Expert

Suggestion(BOS meeting date)	Action Taken (Course code, page in syllabus book)
1) To include Electricity Act (26/6/2021)	These contents are already available in Energy Auditing and Demand side Management (18UEEE633,pp63) and Testing and Commissioning of Electrical Equipment(18UEEE634,pp65) of VI semester
2)For PG, it is suggested to include effect of voltage swells in the course "Power Quality Issues and Mitigation Techniques" (26/6/2021)	These contents are added(20PEPSC100,pp11)

4) Subject Experts

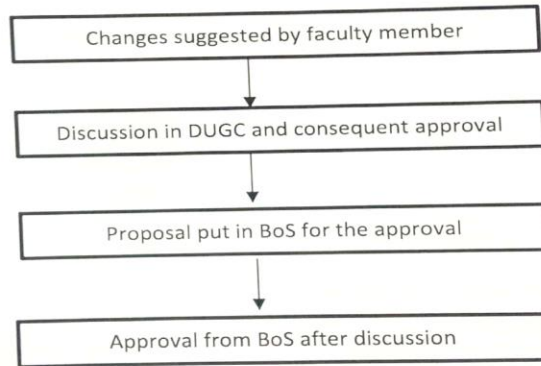
Suggestion (BOS meeting date)	Action Taken (Course code, page in syllabus book)
1)The course in "Modern Trends in Power Systems", to include the contents on the insulation, earthing technologies, Communication methods. (26/6/2021)	These are included in the course contents.
2)To add in High Voltage Engineering (VI semester)-voltage divider, current shunts, Rogowski coils for HV measurements(27-7-2020)	These are included in the course contents
3)For PG- introduction of new subject on"Electric Vehicle and Hybrid System"	Introducing new subject for II semester M.Tech.
4) Prof Raj Kamal, IIT Delhi (External expert)	In Designing course content of IoT(V Sem EEE) See Annexure 1.
5) Dr B Subba Reddy, IISc, Bangaluru (External expert)	In designing the course content of EPGT(18UEEC304)-III Sem EEE See annexure 2.

1) Student/ALUMNI

Suggestions	Action Taken (Course code, page in syllabus book)
1) To include in curriculum - IoT, smart grid, Artificial Intelligence (AI) and Machine Learning, SCADA	1) Included IoT as elective in V sem,
2) 2) To include in curriculum- Electrical Vehicle, Machine Learning, PLC/SCADA, Embedded, VLSI, Power Electronics	2) Included Electrical Vehicle in VII sem as open elective, Included PLC/SCADA in VI semester as elective

2) Faculty

Every semester faculties handling the subject are allowed to change the syllabus up to 10%. The changes are discussed in the DUGC and then proposed for approval in BOS. Here is the flow of the process



Suggestion(BOS meeting date)	Action Taken (Course code, page in syllabus book)
1) To add few experiments in Control systems in "Measurement and circuit simulation Laboratory" with application of Sensors. (26/6/2021)	The control systems experiments are added in the VI semester laboratory course "Sensors and Control Systems laboratory". In VI semester(18UEEL606,pp37-38)
2) Leakage and fringing to add in Basic Electrical Engineering of I/II semester(27-7-2020)	Already present in Basic Electrical Engineering

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