



## **ANALYSIS OF THE CURRICULUM FEEDBACK –FACULTY**

The faculty members of our department have gone through the 2018 scheme and syllabus of Mechanical Engineering UG program. The HOD has collected the feedback regarding the curriculum and the comments/recommendations are consolidated as below.

1. Our faculties have appreciated the decision of University to give more weightage to Continuous Internal Evaluation (CIE). Out of 40 internal marks, 10 marks may be awarded through Assignments/Seminars/Quizzes/Mini-Projects etc. This flexibility allows the faculty to conduct various activities and implement various teaching-learning methods. Also helps in effective implementation of the Outcome Based Education (OBE).
2. A student is required to score minimum of 40% of IA marks, to appear for Semester End Examination (SEE) in the theory courses too. This is well appreciated, as this regulation will certainly prevents the dilution of academic environment in the college. Also it will helps in bringing seriousness among the students towards academics.
3. Our faculties have appreciated retaining of the Module system in the curriculum. Thus the students will get the comprehensive knowledge of the entire syllabus at the end of the course. Also, this will help us to implement Outcome Based Education (OBE) effectively.
4. Most of our faculty members of Machine Design stream recommended retaining Mechanical Vibrations as core subject in the curriculum, as the knowledge of this course is very much required to crack competitive examinations such as GATE/IES etc.
5. Most of our faculty members of Thermal stream recommended to introduce Photovoltaic based solar power plants in Energy Engineering curriculum, as India is generating more power from solar energy sources in recent years.
6. In 2018 scheme, the core subjects of Mechanical Engineering such as Basic Thermodynamics, Fluid Mechanics and Turbomachines have been given only 3 credits. These courses may be given 4 credits to make the students to take these courses seriously.
7. Also appreciated the introduction of advanced topics like Additive Manufacturing in the curriculum. The faculty members have suggested including advanced courses such as Automation, Nano-technology etc. in the curriculum.
8. It was decided to motivate the final year students to take up Python as an open elective as it would be beneficial career point of view. Faculty also appreciated the inclusion of mini project for 6<sup>th</sup> semester students



9. We appreciate the proposal of the University awarding B.E (Hons.) to the students who are performing excellent in academics and earn minimum of 20 credit points through NPTEL/Swayam courses. This will definitely motivate students to enroll for NPTEL/Swayam courses of their interest and interdisciplinary courses too. But for this, the student needs to register in the III year/5<sup>th</sup> semester by paying the prescribed registration fees. Our faculties have suggested it would much better, if a student is given an option to register for the award of B.E (Hons.) at end of the Bachelor's Degree program up on earning minimum of 20 credit points through NPTEL/Swayam online courses.

10. Introducing minimum activity points for the award of B.E degree is also well appreciated. This will definitely motivate the students in involving in societal activities.

*Approved*  
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