

Department of Mechanical Engineering
Samrat Ashok Technological Institute Vidisha

Action Taken Report on Feedback received on Curriculum

(December 2023)

Curriculum design is a very crucial exercise and should have a broad based input from all the stake holders and experts alike. In line with this an exercise has been undertaken by the department of mechanical engineering to garner the input and suggestions from main stakeholders i.e. students and alumni and experts i.e. faculty members from other technical institutes and universities. In addition there has also been an informal input that the department faculty receives from various stake holders and academic experts. The salient points that emerge in the overall feedback are as follows.

- Software related subjects be included in the syllabus.
- Practical exposure be enhanced/Real life uses of the subjects be explained.
- Syllabus be designed in a way that it covers GATE/UPSC and other competitive examination
- Following subjects be included/taught in the curriculum
 - Robotics
 - Gas Dynamics
 - Industrial Engineering
 - Electric Vehicle Technology
- Internship should be industry based
- Major Project be prepared with industry support or industry based
- Communication skill development course be included

On the basis of above feedback that the department received over the period of time through formal and informal channels, the department has taken following action or planned to take in near future.

Two Laboratory session for software exposure with due credit have been proposed to introduced in the V and VI semester from academic year 2024-25.

A revised list of experiments for IV to VI semester has been prepared keeping in view availability of equipments with maximum possible hands on exposure.

Efforts are being made to include subjects that are common in most of the competitive examination. (for example Fluid Mechanics now a regular subject)

Subjects that have been suggested to be part of curriculum are already there as elective subjects or being included in the proposed scheme of V and VI semester for AY 2024-25 and incorporated in the scheme of VII and VIII semester for AY 2025-26.

Efforts in collaboration with Placement Cell and alumni of the institute to provide industry based internship particularly after V and VII semester. On the similar lines more industry based projects will be developed as major projects.

In the proposed scheme MOOC based subjects will be introduced in VIII semester for AY 2025-26. This will help students develop practice of self and life long learning.

Discussed and finalized in the department meeting dated 06-12-2023