



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING

Feedback and action taken on syllabus/curriculum for the academic year 2022-23.

The current academic regulations i.e., R20 will have to be revised starting with academic year 2023-2024. As a part of this exercise the entire course structure has to be reviewed. This process involves taking feedback from all the stake holders and also considers the present day industry needs and the placement avenues available. The feedback from all the stakeholders has been collected and analysed thoroughly. The salient points of the summarized feedbacks and the action taken is as mentioned below.

1. **Suggestion:** An introductory subject on Mechanical engineering may be introduced.

Action Taken: A subject title **Elements of Mechanical engineering** is introduced in the first year curriculum with a view to elucidate the fundamental topics from all the streams of Mechanical engineering.

2. **Suggestion:** The laboratory experience has to be extended through enhanced number of experiments in the existing labs and also including new labs that cover experiments from subjects like Material science, Design engineering, Instrumentation etc..

Action Taken: The R23 curriculum will be designed such that the laboratory experience and the cognizant skills of the students are further enhanced. The department proposes to introduce Material science laboratory, instrumentation laboratory and design laboratory which are essential for a budding mechanical engineers.

3. **Suggestion:** Subjects like AI/ML, Autonomous vehicles which are highly essential to meet the current needs of industry may be added.

Action taken: As suggested by alumni these courses will be included as open electives.

4. **Suggestion:** The stakeholders suggested to introduce **Entrepreneurship** development in view of the Government policies in promoting companies where the product fabricated are completely indigenous.

Action Taken: Start-up India and MAKE IN INDIA is a clarion call of Government of India. The institution has started an incubation centre and Entrepreneur Development cell to develop entrepreneurship skills and technical skills of the students in line with the policies the department has included an exclusive course on Entrepreneurship.

5. **Suggestion:** Reorganize the existing courses.

Action Taken: In view of the addition of new courses and the suggestions from stake holders, the professional core courses and skilled courses were reorganized. HEAT TRANSFER, FINITE ELEMENT ANALYSIS and AUTOMOBILE ENGINEERING have been brought into third year second semester curriculum from final year. This will enable the students to learn these subjects in advance for the smooth working on B.Tech Projects.

HOD

Mechanical Engineering
PROFESSOR & HEAD
Department of Mechanical Engineering

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES