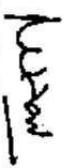# DEPARTMENT OF MECHANICAL ENGINEERING
V R SIDDHARTHA ENGINEERING COLLEGE

STAKEHOLDER FEEDBACK AND ACTION TAKEN REPORT ON B.TECH VR20&VR23 CURRICULUM

FEEDBACK AND STAKEHOLDER	FEEDBACK COLLECTED	ACTION TAKEN 2023-24
STUDENT	1. Integrating theory and practical components in the same semester improves understanding concepts. 2. Updating the curriculum to align with current technologies prepares students to face latest challenges. 3. Organizing Industrial sessions for hands-on experience offers a practical link between theoretical learning and real-world application.	1. The following Courses along with Laboratories are introduced in First Year B. Tech. • Basic Electrical and Electronics workshop Laboratory (23ES1153) with Basic Electrical and Electronics Course (23ES1103B). • Engineering Chemistry Laboratory (23BS1151A) with Engineering Chemistry Course (23BS1102A). • Computer Programming Lab (23ES1152) with Introduction to Programming Course (23ES1104). • Engineering Mechanics Laboratory (23PC2152E) is included with Engineering Mechanics course (23PC2104B). 2. Programmable Logic Controllers Lab (20ES4353) is introduced in IV semester. 3. Internship in Industry / Research Organization (20ME7552) is introduced in VII Semester.
PARENT	1. Enhancing Basic Knowledge in Core Subjects with applications helps in developing interest in specific area. 2. Career oriented guidance and Placement training in latest software is needed. 3. Courses required to develop better concentration and focus are essential for academic excellence.	2. Python Programming Course (20ES2103B) and Python Programming Laboratory (20ES2152B) are included to enhance software skills. 3. Health, Wellness, Yoga and Sports Course (23BS1154B) is introduced in First Semester of the curriculum.

Stakeholder	Suggestions	Actions Taken
FACULTY	1. Simulation Software depending on the specific applications and research interests must be included. 2. Comprehensive and practical learning environment is to be created by hands on experience. 3. Students must be equipped with essential skills and competencies, needed for successful careers in a technology-driven world.	1. Computational Fluid Dynamics Course (20ME7404) as an elective and Fluid Flow Simulation Laboratory (20ME7607) as advanced skill lab is introduced in VII semester.
EMPLOYER	1. Increase industry related subjects, introduce new design software and training classes. 2. Introduce TQM And Product Quality Subjects. 3. Introduce New Subjects like Machine Learning and Artificial Intelligence.	2. Statistical Quality Control Course (20ME7206B) is introduced in VII semester.
ALUMNI	1. Entrepreneurship and innovation courses should be integrated into the curriculum. 2. Geometric dimension and Tolerance, Machine Drawing, Auto CAD. 3. Students must be provided technical training on Hardware, Assembly, Networking.	1. Innovation, IPR and entrepreneurship Course (20MC5108B) is introduced in V semester. 2. Solid Modeling Laboratory (20ME3351) is introduced in III Semester. 3. IT Workshop Course (23ES2155) is introduced in II Semester.

Dr.N. Vijaya Sai,
Dean Academics and Examinations, HOD ME.
Professor & Head
Department of Mechanical Engineering
V.R.Siddhartha Engineering College
VIJAYAWADA-520 007.