MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute. Affiliated to RGPV, Bhopal)

DEPARTMENT OF ELECTRICAL ENGINEERING

ACTION TAKEN REPORT ON STUDENT'S FEEDBACK
(MAY 2022)

Based on the student's feedback, appropriate changes were made as is notified in the following table.

FEEDBACK	ACTION TAKEN
• Need for skill-oriented courses. • More courses inclined towards programming languages & data structures should be introduced	• **Summer Internship Program/Skill Enhancement Program** is designed for skill development and conducted in summer for every batch.
• Courses covering the industry-academy gap must be included in curriculum • Syllabus may be framed as per requirement of the industry.	• A course on **Data Science** is introduced in V Semester to fill the industry-academy gap. • **Electric Vehicles** is introduced in VII Semester as department Elective Course.

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ACTION TAKEN REPORT ON FACULTY FEEDBACK
(May 2022)

The feedback response from faculty and action taken is illustrated in the following table.

FEEDBACK	ACTION TAKEN
Courses for promotion on startup policy, innovation and entrepreneurship should be included.	Four subjects are offered under Novel Engaging Courses (NEC).

Subhalate

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ACTION TAKEN REPORT ON ALUMNI FEEDBACK

(May 2022)

The feedback response from alumni and action taken is illustrated in the following table.

FEEDBACK	ACTION TAKEN
• More Hands on training activities will be organized as per Electrical industry perspective. • As per the new national education policy more CSE/IT oriented courses will be incorporated in the Electrical Engineering. • More courses to be added such as 1.Electrical Safety Engineer. 2. Industrial Safety, Codes and Standards 3.Programmable Logic Controllers/ Automation. • Some Respected teachers are needed to upgrade their knowledge as per national level standards examination like GATE/MPPSC/ UPSC (IES) so that students will get a glimp of the subjects. • As per my understand recent syllabus are skill oriented based rather than theoretical aspects. • More designing subjects are required like. Electrical Wiring design using AutoCAD • Suggested to add Data structure and Algorithm and JAVA (with Python) in Electrical Engineering curriculum because these languages are the backbone to get placed in IT industry • Analog communication and digital communication need to be added • I would suggest to add AutoCAD and PCB designing • Training must be given to students for closed loop control application in drives	• Lab on programming with Python is already included for 2020 admitted batch. • From 2020 admitted batch onwards CSE/IT oriented courses such as : (i) Data Science & (ii) AI & ML are incorporated in V & VI Semester respectively. • Designing subjects such as (i) Electrical Wiring design using AutoCAD & (ii) PCB designing will be added in Electrical Workshop. • The syllabi are revised in each BOS meeting as per standards examination like GATE/UPSC (IES).

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ACTION TAKEN REPORT ON EMPLOYER FEEDBACK
(May 2022)

The feedback response from employer and action taken is illustrated in the following table.

FEEDBACK	ACTION TAKEN
- Students need to be aware of industry exposure. - To make the student industry ready - Mini-Project models will help them to face real life presentations - Gender awareness programs to be organized - Demonstrates good knowledge, but they should make the student capable with leadership quality to lead a group of people. - Arrange the seminars regarding trending frameworks (like react, angualr, MERN, MEAN etc.) in the market more. - Raspberry pi should be included in the existing course. - Biomass course is required - More of cloud related topics and IT automation related topics will be helpful - Institute should not only focus to the New Technology as fundamentals (Basic Languages like C,C++) should be given equal importance.	All the valuable suggestion are already implemented however seminars regarding trending frameworks (like react, angualr, MERN, MEAN etc.) will be organized.

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Department of Electrical Engineering

Action Taken Report for Course Curriculum Feedback by students
(July-December 2022)

S.N.	FEEDBACK	ACTION TAKEN
1	Equipment/software for simulation of smartgrid / microgrid operation must be included in the power system lab	• Two new labs (1. IoT Architecture & protocols, 2. Embedded control of electrical machine) are introduced this semester which have all the latest IoT enabled components
2	IoT components are needed for practical labs	• Data Science subject is included in the Fifth semester
3	Try to add some software-related subjects	• Artificial Intelligence & Machine Learning is offered in VI Semester from 2020 admitted batch.
4	Class lectures should be held on the whiteboard as well as. projector	• New Opal-RT kit for experiment & practical analysis and HOMER simulation software are add in the research lab. • Most of the faculties are using both whiteboard and projector.

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Department of Electrical Engineering

Action Taken Report Based on Faculty Curriculum Feedback
(July-December 2022)

S.N.	FEEDBACK	ACTION TAKEN
1	New Lab needs to be set up for the EE-IoT branch	Two new labs have recently been set up and Four new labs proposals Industrial Internet of Things, Sensor and Control, Microprocessor and Embedded System based IoT Lab, Project Lab is in the process of approval.
2	Need to Upgrade research lab	New Opal-RT kit for experiment & practical analysis and HOMER simulation software are add in the research lab.

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Department of Electrical Engineering

Action Taken Report Based on Parent Feedback
(July-December 2022)

S.N.	FEEDBACK	ACTION TAKEN
1	In my opinion there should be more books available in the library..	• The Central Library is equipped with the latest books along with e-books.
2	I am really satisfied with the faculty of the ward and the new courses and also happy with the other activities of the campus	• Other students' classes were going on in the seminar hall. Also, the New academic building is ready to move for student classes.
3	Classrooms need to be improved.	• Programming in C++, Python, Data Science and Machine learning subjects are added to Syllabus courses at various levels. • Subject through NPTEL is already being offered in self-study for programming.
4	More courses on programming must be included.	• Software Lab course already offered in the Third Year. • From the 2022 admitted batch onwards, Python programming is included in II Semester.

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