



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA
माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत
A GOVT. AIDED UGC AUTONOMOUS INSTITUTE, AFFILIATED TO R.G.P.V. BHOPAL (M.P.), INDIA
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A Report of
Department Induction program
of
“B.Tech. First Year Electrical Engineering”
(2023 Admitted Batch)
on
25 January, 2024

Class Coordinators

Dr. Vijay Bhuria
Prof. Kuldeep Kumar Swarnkar
Prof. Anuj Lodhi

Head of the Department

Dr. Sulochana Wadhvani



DEPARTMENT OF ELECTRICAL ENGINEERING



Induction Program – An Overview

The induction program was conducted for the first-year (II Semester) students admitted in Electrical Engineering branch as per the curriculum of MITS Gwalior from 25th January 2024 to inform the students about the evaluation & assessment scheme and syllabus along with course outcomes for the forthcoming semester.

It comprised of series of talks related to department labs, curriculum, examination system, student clubs, NPTEL/SWAYAM courses, importance and role of feedbacks, Moodle for education, online lecture tools, role of alumni and placement cell and importance of projects in B.Tech. Around 65 students participated in the program.

Schedule of Induction Program

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23.01.2024

Schedule: Orientation Program for B. Tech. EE I Year

Date: 25 January, 2024

Room Number SR-3

S. No.	Activity	Timing	Faculty In charge
1	Department Vision & Mission	11:30 AM - 12:00 PM	Prof. Kuldeep Kumar Swarnkar
2	Introduction to OBE (CO, PO, PEO)		
3	Scheme/Courses/ Evaluation Process Curriculum/Proficiency Evaluation and Assessment Rubrics for Laboratory Courses		
4	Road map of EE Curriculum		
5	Time Table		
6	Importance of Weekly Special Classes for Remedial Purpose		
7	Examination related discussion	12:00 PM - 12:30 PM	Dr. Vijay Bhuria
8	Placement & Internship	12:30 PM - 01:00 PM	Dr. Shishir Dixit
Lunch Break (01:00 to 02:00 PM)			
9	Importance of Taking Participation in Technical Activities Outside the Institute, Industry Academia Interaction	02:00 PM - 02:15 PM	Dr. Vikram
10	Importance of Feedback (CO, PO, Faculty, Curriculum, Lab etc.,)	02:15 PM - 02:30 PM	Prof. Rakesh Narvey
11	Importance of Student Chapters and Clubs	02:30 PM - 02:45 PM	Prof. Vishal Chaudhary
12	Lab Visits	02:45 PM - 03:30 PM	Prof. Richa Singh
13	Feedback on Orientation Program	03:30 PM - 04:00 PM	Dr. Nikhil Paliwal

Note: As per the availability of activity in charge, the timing of activities can be changed



Objectives

- To make the first-year students admitted in the ‘Electrical Engineering’ branch aware about the curriculum, labs, and other aspects of Electrical Engineering.
- To allow the first-year students admitted in ‘Electrical Engineering’ branch explore their academic interests and activities.

Salient Points - Session Details

1. Introduction to Program, Faculty and Staff and Introduction to OBE (CO, PO, PEO, Vision, Mission)

The students of Second year EE were warmly welcomed by Dr. Vijay Bhuria who is one of the class coordinator of first year.

Dr. Vijay Bhuria briefed the students about the field of EE, emerging technologies in this field and provided them with departmental highlights. He also encouraged all the students to attend the classes regularly.

The *Vision and Mission* of the department is also disseminated with the students. Also, it is emphasized that how the *attitude and skill* mixed with knowledge are important for professional development. The *course outcomes, program outcomes and program educational objectives* was also shown & discussed to make students understand about the course objectives and provided a vivid picture about what department is aiming through the EE program.

2. Scheme/Courses/Evaluation Process Curriculum/Proficiency evaluation and Assessment Rubrics for Laboratory courses

Prof. Kuldeep K. Swarnkar in this session introduced the courses of the semester with the students. He started by discussing the scheme and the syllabus and the credit each course carries and then began to briefly explain about the Departmental core courses, Departmental Lab courses, MOOC platforms, and various electives of the EE branch.

The importance of online teaching and blended mode of classes were also discussed by him. He reminded students about the commencement of classes in offline mode.



The process of continuous evaluation was discussed which presented the fact that students are being assessed regularly on the basis of quiz and assignments provided to them and also on their response during the classes and not just on the basis of pen and paper mode exam.

Importance Proficiency evaluation holds and the assessment in labs through lab rubrics were discussed in detail. Through this he made students clear about the importance of attentiveness during the lectures and labs. **Course introduction, Credits, Commencement of classes, Mode of teaching**

The Class Coordinator described the detailed scheme of the Electrical Engineering branch to the students. The online tools which are very essential for online teaching and the importance of online teaching was described by Prof. Kuldeep K. Swarnkar. He also briefed the students about the placement and career options available to the students after the B. Tech Program. The session ended with some queries taken from the students.

3. Road map of EE Curriculum

This activity was performed by Prof. Kuldeep K. Swarnkar. He discussed the agenda of the EE curriculum, about how it is planned to meet the program objectives and about its utility in the current employment scenario. *Recent advances made in the EE curriculum* were briefed. Also, the special importance was given to software languages for EE learning.

4. Time Table and Importance of Weekly Special Classes for Remedial Purpose

Time Table for the fourth semester was discussed by Prof. Kuldeep Swarnkar. He described the importance of weekly special classes for remedial purpose and their role in identifying slow, medium and fast learners and also in problem solving and discussion. He emphasized on adhering to time-table for efficient learning.

5. Examination Related Discussion

This information is provided by Dr. Vijay Bhuria. He gave so many advises among students what to do or not to do in exams.



6. Placement and Internship

Dr. Shishir Dixit explained students about various placement activities of the cell. He also described very well about how to embrace the internship opportunities in leading MNCs and PSUs. Students came to know about the skills, attitude and mannerisms to be developed by them, both on the personal and professional fronts to achieve the employment opportunities.

7. Importance of participating in technical activities outside the Institute, Industry academia interaction

This session was addressed by Dr. Vikram. He on a light note to students said that all the answers cannot be found in class therefore student participation is mandatory outside the Institute to understand the culture of different spheres which will in turn bring laurels to the Institute and will certainly add to their personalities in a positive manner.

He emphasized on the fact that the certificates gathered in all such activities will strengthen the resume of the students which will benefit them in the long run.

Students were enlightened about government fellowships, their guidelines, procedure of applying for such fellowships, etc. were highlighted by him.

8. Importance of Feedback (CO,PO, Faculty, Curriculum, Lab)

Prof. Rakesh Narvey during his session asked students to give regular feedback on faculty, curriculum, etc. He pressed on the point that how feedback is important in filling the gaps, learning from the mistakes and improving them.

He claimed that student and parent feedback is important for improving labs, class rooms, overall infrastructure and also the course and program outcomes. He concluded by saying that feedback improves motivation to learn and one must sincerely provide it when asked to do so.

9. Importance of Student Chapters and Clubs

How a student chapter serves as a gateway to student's professional development was explained by Prof. Vishal Chaudhary. He underlined that the clubs and student chapters so formed within and outside the Institute will provide social development and personal



growth to the students. He said that the sense of sportsmanship is developed through these activities which helps people in growing as team players as well as individuals.

He spoke about how various clubs help in developing ambition and friendship among people.

10. Lab Visits

Students with the help of Prof. Richa Sharma have visited all the labs of the department in which they were going to perform experiments for the semester.

Outcomes

- The students were made aware about the curriculum, labs, and other aspects of Electrical Engineering to explore their academic interests and activities after attending the sessions.

Anuj
12/02/2024

Prof. Anuj Lodhi
Assistant Professor
& Class Coordinator

V. Bhuria
12/02/24

Dr. Vijay Bhuria
Assistant Professor
& Class Coordinator

K. Swarnkar
12/02/2024

Prof. Kuldeep K Swarnkar
Assistant Professor
& Class Coordinator

Sulochana

Dr. Sulochana Wadhvani
Prof. & Head, EE



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Photographs of the Orientation Program





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Attendance of the Orientation Program

S.No	Name	Signature
1	ABHAY KUMAR 9109007095	Abhay Singh
2	ABHAY SINGH	
3	ABHAY VERMA	
4	ABHI VERMA 7566906236	Abhi
5	ABHINAY ANAND	
6	ABHISHEK JAAT	
7	ABHISHEK RAJPOOT 9131062937	Abhishek
8	ABHISHEK SINGH	
9	ADARSH GOYAL 6266157385	Adarsh
10	ADITI JAIN	
11	ADITI SHARMA 9200040500	Aditi
12	ADITYA PAL	
13	ADITYA PRATAP SINGH	
14	ADITYA RAJ TIWARI	
15	ADITYA RAJPUT	
16	AJAY RANA 7582047532	Ajay Rana
17	AKASH YADAV	
18	AKSHAT GUPTA 7909909438	Akshat G
19	AKSHAT MISHRA	
20	AKSHAY KUMAR VERMA	
21	AMAN KUMAR SINGH	
22	AMAN PRATAP SINGH BHADORIYA 9826509962	Aman
23	AMRITA MISHRA 7999825765	Amrita
24	ANIKET KALE	
25	ANIRUDH SINGH PARMAR	
26	ANKUSH JADON 9770434217	Ankush
27	ANSHIKA SHARMA	
28	ANSHIKA TOMAR	
29	ANURAG RATHOR	
30	ARJUN SHARMA	
31	ARPIT AGRAWAL 6266113015	Arpit
32	ARYAN MISHRA	
33	ARYAN SHARMA 9827544155	Aryan
34	ARYAN UPADHYAY 9301598152	Aryan
35	ASHISH SIKARVAR	
36	ASHMIT NIGAM	
37	ASHU AGRAWAL	
38	BANSHIKA DIXIT	
39	BHANVI SINGH CHAUHAN 9165305495	Bhanvi
40	BHAWANA PARMAR 8839314365	Bhawana



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2nd Orientation Program Date: 25.01.2024

S.No	Name	Signature
41	CHHAVI GUPTA 7999055545	<i>Chhavi</i>
42	DEEPAK YADAV 7879569922	<i>Deepak</i>
43	DEEPENDRA SINGH TOMAR	
44	DEVANG PRAJAPATI	
45	DEVANSHI SINGH 9425602412	<i>Devanshi</i>
46	DHRUPAD BAJOLIYA	
47	DHRUV DESHMUKH	
48	DHRUV SHIVHARE	
49	DIVYANSH SINGH	
50	DIVYANSHU RATHOUR 8815060379	<i>Divyanshu</i>
51	DIYA AGRAWAL 6263630530	<i>Diya</i>
52	GAURAV GOYAL	
53	GAURAV SINGH PARIHAR	
54	GOVINDA PALIWAL	
55	GUNJAN AGRAWAL	
56	HARSH PRATAP SINGH	
57	HARSH SHARMA	
58	HIMANSHU CHAUHAN	
59	JATIN SHARMA 9479858341	<i>Jatin</i>
60	KAMINI 9244593518	<i>Kamini</i>
61	KARAN SINGH PAL 8253066634	<i>Karan Pal</i>
62	KARISHMA KUSHWAH 7828093986	<i>Karishma</i>
63	KESHAV DAWAR	
64	KRATIKA SAMADHIYA 8989569477	<i>Kratika</i>
65	KRISH RAJAWAT	
66	KRISHNA DUBEY	
67	KRISHNA JHA 9424810574	<i>Krishi</i>
68	KRISHNA SHARMA 9340861982	<i>Krishi</i>
69	KULDEEP SINGH DHAKAD 9752741368	<i>Kuldeep</i>
70	KUNAL GURJAR 9753684473	<i>Kunal</i>
71	KUSHAGRA SHARMA	
72	LABHANSH GOYAL	
73	LAVOISIE SUNNY	

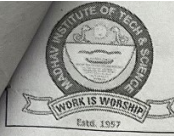


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MITS

2nd orientation Program

Date: 25.01.2024

S.No	Name	Signature
74	MANASVI GUPTA 9425787860	
75	MANASVI SAXENA	
76	MANASVI SHEOPURIA	
77	MANUSHREE GHOSH 7694088284	
78	MANVENDRA SINGH BHADOURIA 8962592850	
79	MOHAMMAD SAMAR KHAN	
80	MOHAMMAD TABISH KHAN	
81	MOHIT KUMAR MAURYA 6261614038	
82	MOHIT SHARMA 7771802888	
83	MUSKAN MEGHWAL 7722958310	
84	NAKUL GANGIL	
85	NARAYAN SHARMA	
86	NAYANT KUSHWAH 6265137594	
87	NIPUN SHARMA	
88	NISHA PATIDAR	
89	NITIN SONTI 8435545366	
90	PAYAL CHOPDE	
91	PIYUSH MITTAL	
92	POONAM NARWARIYA	
93	PRAGYAN GAUTAM 7987886864	8269272139, 9753938874
94	PRAJAWAL KHARE	
95	PRAKHAR PARE	
96	PRAKHAR PATIDAR	
97	PRATHAM KUMAR CHOUBEY	
98	PRINCE GOUR	
99	PRITHAVI SINGH	
100	PRIYANKA	6266018667, 8989199066
101	PRIYANSH SHUKLA 9424022105	8146514831, 7976114831
102	PURU SINGH 6371713192	
103	PURVI SINGH 9755022088	
104	PUSHPRAJ WAGADRE 9302337122	



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2nd orientation Program Date: 25.01.2024

S.No	Name	Signature	
105	RADHIKA YADAV		
106	RAHUL ARORA		
107	RAHUL RAWAT	<u>Rahul</u>	
108	RAJ MANDIL		7089128237, 8964754253
109	RAJVARDHAN SINGH TOMAR		
110	RAJWARDHAN SINGH		7000299280, 9425121603
111	REETESH GOUR		
112	RISHABH AHIRWAR		
113	RISHABH SHRIVAS	<u>Rishab</u>	9185275335, 9399352487
114	RISHIKA SHARMA		7804067194, 7509001988
115	ROHAN PRATAP SINGH		
116	SAMEEKSHA SAHU	<u>Sameeksha</u>	
117	SANAT KUMAR SHUKLA		7828281024, 9340980614
118	SANYOGITA SHARMA		
119	SAURABH SINGH CHAUHAN		
120	SAURAV SINGH HINDOLIYA		
121	SEVI SHARMA	9691764653	<u>Sevi</u>
122	SHANTANU TRIPATHI		
123	SHARAD BACHHANIYA		
124	SHEETAL KAUSHAL	<u>Sheetal</u>	9713082543
125	SHISHUPAL	<u>Shishupal</u>	7242083629
126	SHIVANG SINGH TOMAR	<u>Shivanz</u>	7974260266
127	SHUBHAM RAJAK		
128	SHUBHANSH DUBEY		
129	SHUBHANSHU MISHRA		
130	SHUBHRA SINGH		
131	SUMAN PATHAK		
132	SUNDRAM MUDGIL		
133	SURAJ TEJRA		
134	SURBHI VERMA	<u>S. Verma</u>	7974907829
135	TARUN RAJPUT		
136	TARUN TIWARI		
137	TILAK KUMAR WAGADRE		
138	TRISHA PANDEY		
139	TUSHAR NAMDEV		<u>Tushar</u>
140	UJJWAL GUPTA		
141	UTKARSH MALI		
142	UTKARSH SENGAR	9348792879	<u>Utkarsh</u>
143	UVESH HUSSAIN		

