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Smt. Pratibhatai Patil Former President of India & Dr. D. R. Shekhawat Former Chairman

VISION

To emerge as the leading Electrical Engineering department for inclusive development of students.

MISSION

To provide studentcentered conducive environment for preparing knowledgeable, competent and value added electrical engineers.



Shri. Raosaheb Shekhawat Chairman & Managing Trustee

Department of Electrical Engineering

SHOCKWAVES (Newsletter) Volume-21 Issue-02

Activities Conducted

Add-On Course on "Recent Trends in Electrical Engineering"

18th to 22nd March 2024 (30 Hours Duration)

The purpose of Add-On Course to provide career oriented course and bridge the gap curriculum. The aim of the program is to disseminate knowledge recent trends in electrical engineering for sustainable development.

This course is intended for graduate students but it is also open to senior undergraduate students. There is no official pre-requisite at the time of enrolment. However, basic knowledge of power systems, basic knowledge of computer will be helpful.

Objective of Program

To provide recent trends in Distributed Generation, Power Quality issues, recent trends & challenges in power system protection for Smart Grid and application of Industrial Automation, AI and ML in power systems.

Course Content

Energy scenario in India, issues of power quality, Application of Industrial Automation, AI & ML in electrical Engineering, Introduction to Smart Grid Standards for Smart Grid System Elements and Technologies of Smart Grid System, Distributed Generation Resources, Smart Grid Protection.

Outcome of Program

After successful completion of this course the student will be able to:

- 1. Understand the recent trends in electrical Engineering..
- 2. Understand concept and issue of power quality.
- 3. Understand concept of power system protection and challenges of power system protection in smart grid.
- 4. Understand the application of AI & ML in electrical Engineering
- 5. Understand the Vision India 2047.

Activities Conducted

Add-On Course on "Recent Trends in Electrical Engineering"













PROGRAM OUTCOMES(POs)

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MoU Signed by Department

A Memorandum of Understanding (MoU) is a formal agreement between two or more parties. Companies and organizations can use MoUs to establish official partnerships.

Purpose of MoU

The purpose of Department MoU with Industry can minimize the gap between learning and carrier opportunity. The industry has many new technology requirements, so **Industry-Academic Interaction** plays a vital role in the **Placements and Carrier growth for the students.** We have signed MoU with the following Academic and industry Institutes. The MoU is intended to recognize the general basis for a cooperative and a collaborative working relationship between the two parties. The purpose of MoU is to have mutual intentions to jointly work on projects required for industries and research needs, with learned faculty of good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified below:

- Industrial Visits
- In-plant Training & special Technical Training to make the students industry-ready
- Guest Lectures
- Mini Projects and Main Project Work
- Research & Development
- Problem Solving
- Studies & Survey
- Placements
- Internships
- Establishing Advanced Labs

S.N.	Name of Institute/Industry	Date of Signed MoU	Duration of MoU
1	7 P arallels Tectrno-Consultants Pvt. Ltd. Llnit1.6, Lotus Star, Plot No. D-5 Cross Road N o.20, MIDC, Andheri tE), Mumbai-40 0 09 3 Maharashtra	13 th Sep , 2021	Two Years
2	Automation Services & Prolific Systems & Technologies Pvt. Ltd. PLC & SCADA Automation Training, 36, Preet Chamber, Mumbai-Pune highway, Wakadewadi, Shivajinag ar, Pune -411003, Mah arashtra	13 th Sep , 2021	Two Years
3	7 P arallels Tectrno-Consultants Pvt. Ltd. Llnit1.6, Lotus Star, Plot No. D-5 Cross Road N o.20, MIDC, Andheri tE), Mumbai-40 0 09 3 Maharashtra	10 th Jan, 2022	Two Years



Topic: "Electrical Engineer: Present Trends and Requirements in Industries "

28th Aug 2023

The purpose of Guest Lecture to provide career oriented course and bridge the gap curriculum. The aim of the program is to disseminate knowledge about Industrial requirement and its future scope. Economical impact of industrial production growth by new immerging trends.

Mr. Shailesh G Pandey, alumni of our college of 2011 batch and presently working as *Assistant Manager in Bridgestone Stone India Ltd*, Chakan, Pune , has delivered key note address to Electrical Engineering students on 28/08/2023. He highlighted need, necessity and requirements of the industry from core field Electrical Engineering. He also talked about demands of Electric Drives, BLDC motors and construction and maintenance. On behalf of department we congratulated him for opting career in core field and wished him best wishes for his bright future.

Google

Expert Lecture

💽 GPS Map Camera

Bambhori Pr. Chandsar, Maharashtra, India N H 06 Bambhori, Bambhori Pr. Chandsar, Maharashtra 425002, India

Lat 21.014025°

Long 75.502407° 20/02/24 02:36 PM GMT +05:30

Topic: "Industrial Electronics "

20th February 2024

The purpose of Guest Lecture to provide career oriented course and bridge the gap curriculum. The aim of the program is to disseminate knowledge about Industrial Electronics and its future scope. As Industrial electronics play a vital role in improving the efficiency and productivity of industries like energy, transportation, petroleum, chemical, semiconductor, mining, agriculture, and others.

Mr.Sanjay Chaudhari Director, Electronics Study Centre, Nashik , has delivered key note address to all the Electrical Engineering students on 20/02/2024. He highlighted need, necessity and requirements of the industry from core field Electrical Engineering. He said that Industrial electronics plays a key role in improving the efficiency and productivity in industries such as energy, transportation, petroleum, chemical, semiconductor, mining, agriculture, etc.

On behalf of department and institute Mr.V.S.Pawar, HOD of Electrical Engineering Department, gave a vote of thanks and thus program was concluded his bright future.

Activities Conducted

Science Day





Milstone2K2







Science Day : On 28th Feb 2024 Science Day was calibrated.. Ms Kalyani Vispute and Ms Sonal Sultane of Second Year got first position in Poster competition

Milstone 2k24, A paper presentation was organized on 11th March 2024. Mr Parshant Borse and Mr. Harsh Chaudhari (Second Year) got Second prize. Mr. Kunal Jiri and Mr. Ninad

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Achievement

 Dr S. M. Shembeker (Faculty Member) had Competed Ph.D in Electrical Engineeing 2024





- Mr. Sisode Vivek Rupasing (Student of Final Year) had qualified GATE-2024 Exam.
- Mr. M. Mujtahid Ansari (Faculty Member) had completed NPTEL Certificate 08 Week Course Vehicle Dynanics and Electrical Motor Drives, and 04 Week Course Taeching and Laerning Methods funded by the MoE, Govt. of India.
- Mr. V. S. Pawar (Faculty Member) had completed NPTEL Certificate 08 Week Course Vehicle Dynanics and Electrical Motor Drives, and 12 Week Course PowerQuality funded by the MoE, Govt. of India.
- Mr. Muqueem. M. Khan (Faculty Member) had completed SWAYAM Certificate 12 Week Course *Digital Electronics and Microprocessor*, funded by the MoE, Govt. of India.

Placement 2023-24

Sr.No.	Name of student placed	Name of the employer
		Profound Edutech Pune,
1	ChaudhariNinad Ashok	Essem Auto Pvt. Ltd, Pune
		Q-spider Pune,
2	GhugeAnurag Vijay	Essem Auto Pvt. Ltd, Pune
		Essem Auto Pvt. Ltd, Pune
3	Mali Tanvi Sukdeo	Dhoot Transmission Pvt. Ltd., Sambhajinagar,
		Essem Auto Pvt. Ltd, Pune
4	Patil Sujay Dnyaneshwar	Epitome Components Pvt. Ltd., Supa
		Essem Auto Pvt. Ltd, Pune
5	Therokar Supesh Gajanan	Epitome Components Pvt. Ltd., Supa
	Sisode Vivek Rupasing	Essem Auto Pvt. Ltd, Pune
6		Epitome Components Pvt. Ltd., Supa
7	Rane Kiran Shashikant	Essem Auto Pvt. Ltd, Pune
	Jadhav Pranav Rajendra	Essem Auto Pvt. Ltd, Pune
8		Epitome Components Pvt. Ltd., Supa
		Dhoot Transmission Pvt. Ltd., Sambhajinagar, 9623200898
9	Jawale Soham Narendra	Essem Auto Pvt. Ltd, Pune
10	0 Wankhede Falguni Vijay	Essem Auto Pvt. Ltd, Pune
10		Dhoot Transmission Pvt. Ltd., Sambhajinagar,
		Essem Auto Pvt. Ltd, Pune
11	1 Patil Shitesh Balu	Dhoot Transmission Pvt. Ltd., Sambhaiinagar
		Epitome Components Pvt.
12	Patil Devendra Sunil	Ltd., Supa
12		Dhoot Transmission Pvt. Ltd.,
		Enitome Components Pvt
13	Patil Rushikesh Vijay	Ltd., Supa
14	Dhangar Pournima Sud- hakar	Epitome Components Pvt. Ltd., Supa
15	Mahajan Poonam Raju	Epitome Components Pvt. Ltd., Supa

1(Magare Durgesh Vinod	Epitome Components Pvt. Ltd., Supa
16		Dhoot Transmission Pvt. Ltd., Sambhajinagar
17	Rane Siddesh Hitendra	Epitome Components Pvt. Ltd., Supa
18	Patil Satyam Rajendra	Epitome Components Pvt. Ltd., Supa
19	Patil Nikhil Pravin	Epitome Components Pvt. Ltd., Supa
20	Jiri Kunal Lakhichand	Epitome Components Pvt. Ltd., Supa
		Dhoot Transmission Pvt. Ltd., Sambhajinagar,
21	GargiJ adhav	Dhoot Transmission Pvt. Ltd., Sambhajinagar,





University Results

Result 2023-24 Term-II UG (As per CGPA)



lst Topper казак јадкиті каіlas сдра: 8.67





2nd Topper MALI TANVI SUKDEO CGPA: 8..57



3rd Topper PATIL SUJAY DNYANESHWAR CGPA:8.572



1st Topper SAHIL HANUMAN GHADGE CGPA: 8.09



2nd Topper SHARMA GAURAV RAJKUMAR CGPA: 8.04



1st Topper JAISWAL AASHIKA RAJESH CGPA: 8.73



2nd Topper PATIL UNNATI MURALIDHAR CGPA: 8.52

Newsletter Committee



3rd Topper BAGUL SWAPNIL SHIVAJI CGPA: 7.41



3rd Topper PATIL RUSHIKESH VISHAL CGPA: 8.27

Faculty Members : Student Coordinators:



Mr. M M Khan(Designer) Ms. Ghuge Anurag Vijay (BE)

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Dr. G. K. Patnaik Principal



Dr. S. B. Pawar Vice-Principal



Mr. M. M. Ansari Head, Electrical Engg. Dept.