



SANDIP UNIVERSITY

Trimbak Road, A/P- Mahiravani, Tal. & Dist. Nashik, Maharashtra – 422213

www.sandipuniversity.edu.in

GUEST LECTURE

for Second Year **B.Tech** Electrical Engineering Students

on

FUTURE TRENDS IN ELECTRICAL ENGINEERING



SUSTAINABLE
ENERGY
SYSTEMS



RURAL & URBAN
ENERGY ACCESS
SOLUTIONS



CAREER
OPPORTUNITIES
IN RENEWABLE
ENERGY



ELECTRIFICATION
AND INNOVATION
PROJECTS



DATE
30 July 2026
(Thursday)



TIME
03:00 PM



VENUE
Seminar Hall
Sandip University, Nashik

“

Join us to explore the future of electrical engineering and build a sustainable tomorrow.

”



GUEST SPEAKER

Dr. Pawan Kumar Kushwaha

Associate Professor
Electrical Engineering Department
SIEM

ORGANIZED BY

Department of Electrical Engineering
School of Engineering & Technology

FACULTY COORDINATORS

Dr. Mayur Barman
HoD
EE Department

Dr. T.V. Sarath Kumar
Associate Professor
EE Department



ACADEMIC YEAR
2026-27

FOR MORE INFORMATION, CONTACT:

☎ 02594-222511

🌐 www.sandipuniversity.edu.in



Sandip University, Nashik
School of Engineering and Technology
Department of Electrical Engineering

Event Report: Guest Lecture on "Future Trends in Electrical Engineering"

Organized by: Department of Electrical Engineering in association with IEI Student Chapter (IM000549-4) and Institution's Innovation Council (IIC)

Date of the Event: 30.07.2026

Venue: Seminar Hall, School of Engineering and Technology, Sandip University, Nashik

Number of Participants: 30+ students and 10+ faculty members

Introduction

The Department of Electrical Engineering, School of Engineering and Technology (SOET), Sandip University, Nashik, successfully organized a Guest Lecture on "**Future Trends in Electrical Engineering**" for the **Second Year B.Tech Electrical Engineering students** on **30 July 2026**. The guest lecture was conducted in association with the **IEI Student Chapter (IM000549-4)** and the **Institution's Innovation Council (IIC)** with the objective of exposing students to the latest technological advancements, industrial trends, research opportunities, and career prospects in the field of Electrical Engineering. The session was delivered by **Dr. Pawan Kumar Kushwaha**, Associate Professor, Department of Electrical Engineering, SIEM, who shared his valuable academic and industrial experience with the students.

Guest Lecture Session

The programme commenced with the traditional lighting of the lamp and floral welcome to the distinguished guest. The dignitary was welcomed by the Head of the Department, faculty members, and student representatives. The event began with a welcome address highlighting the significance of continuous learning and industry-academia interaction in engineering education.

Dr. Pawan Kumar Kushwaha then delivered an insightful lecture focusing on the future scope of Electrical Engineering and emerging technologies that are transforming the power and energy sector. The lecture was highly interactive, encouraging students to ask questions and participate in technical discussions.

Topics Covered:

- **Future Trends in Electrical Engineering**
- **Smart Grid Technologies and Digital Power Systems**
- **Renewable Energy Integration into Modern Power Systems**
- **Electric Vehicles and Charging Infrastructure**
- **Artificial Intelligence and Machine Learning Applications in Power Systems**
- **Internet of Things (IoT) in Electrical Engineering**
- **Industrial Automation and Industry 4.0**
- **Energy Management and Sustainability**
- **Research Opportunities in Electrical Engineering**

- **Higher Education, Competitive Examinations, and Career Opportunities**

Interactive Session:

An engaging question-and-answer session was conducted at the end of the lecture where students interacted with the guest speaker on various topics including:

- **Career opportunities in the electrical engineering sector**
- **Skills required for core industries**
- **Research trends in smart energy systems**
- **Electric vehicle technology**
- **Higher education and research opportunities**
- **Emerging industrial technologies**

The speaker provided practical guidance and motivated students to develop technical skills, innovation, and research aptitude.

Outcomes and Impact

The guest lecture resulted in several positive outcomes:

- **Enhanced students' awareness of emerging technologies in Electrical Engineering.**
- **Improved understanding of Smart Grid, Renewable Energy, Electric Vehicles, and AI applications.**
- **Motivated students to participate in technical research, innovation, and professional societies.**
- **Encouraged students to prepare for higher education, competitive examinations, and industrial careers.**
- **Strengthened the interaction between academia and industry experts.**
- **Inspired students to develop innovative solutions for future energy challenges.**

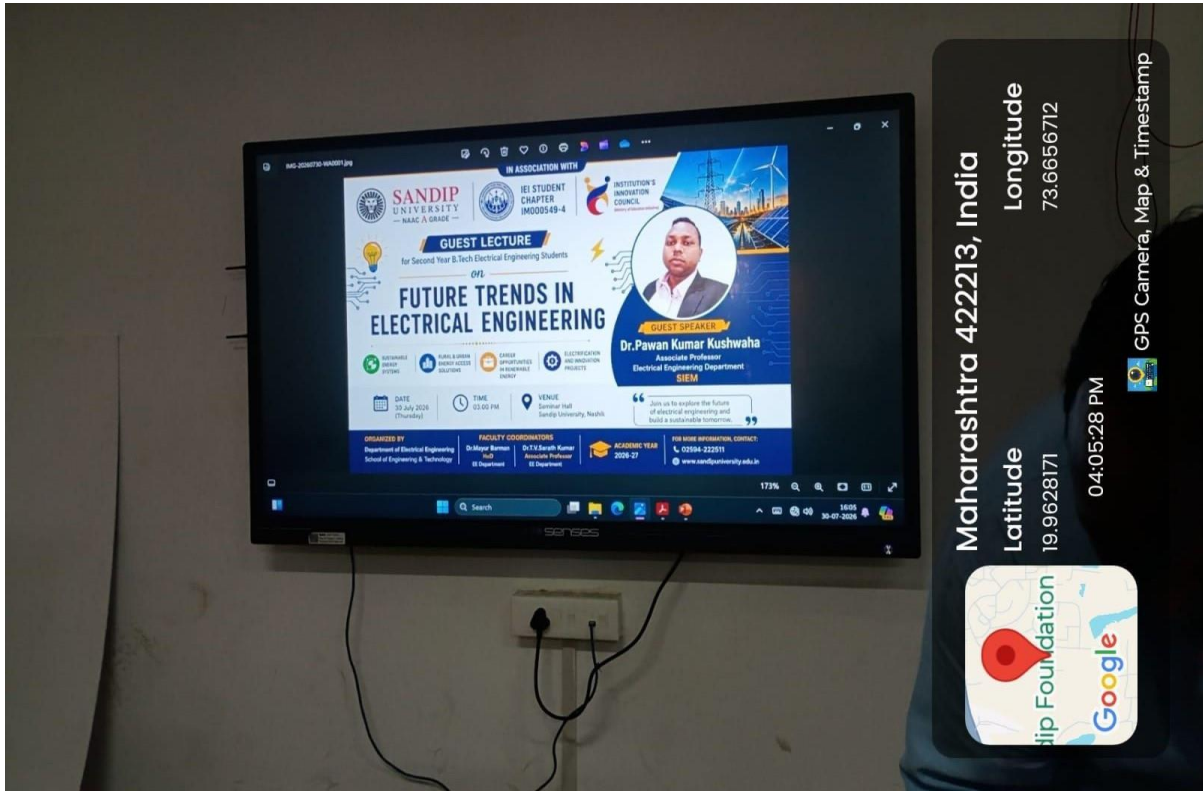
Conclusion

The Guest Lecture on "Future Trends in Electrical Engineering" was successfully conducted by the Department of Electrical Engineering, Sandip University, in association with the IEI Student Chapter (IM000549-4) and the Institution's Innovation Council (IIC). The lecture proved to be highly informative and inspiring for the students. Dr. Pawan Kumar Kushwaha's expert insights into emerging technologies, industrial developments, and career opportunities significantly enriched the learning experience of the participants. The Department expresses its sincere gratitude to the guest speaker for his valuable contribution and to all faculty members and students for making the programme a grand success.

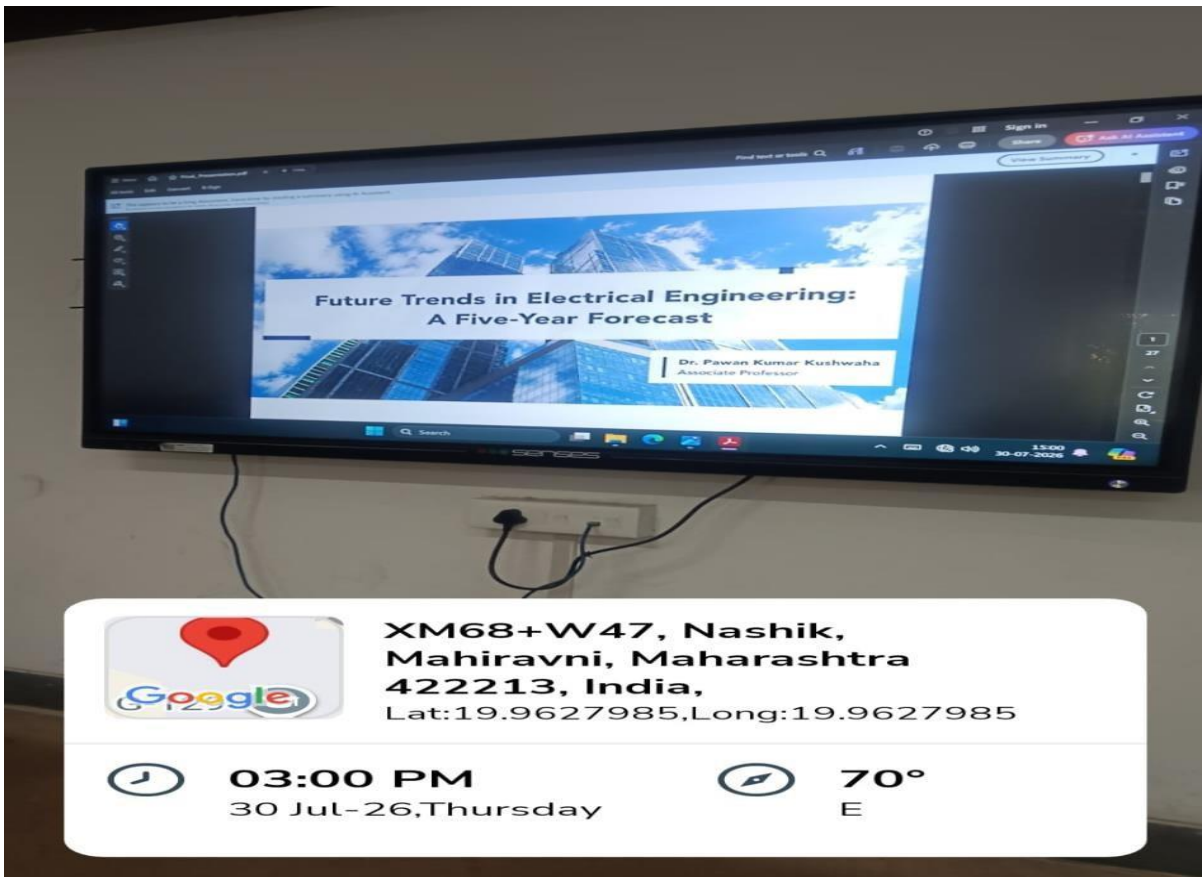
SDG Mapping:

- SDG 4 – Quality Education: Promoted knowledge enhancement, technical learning, and awareness of emerging trends in Electrical Engineering.
- SDG 8 – Decent Work and Economic Growth: Enhanced students' awareness of career opportunities, employability skills, and industry requirements.
- SDG 9 – Industry, Innovation and Infrastructure: Encouraged students to explore emerging technologies, innovation, and industrial developments in Electrical Engineering.

Together, let us continue learning, innovating, and building a sustainable technological future.











Sandip University
School of Engineering and Technology
Department of Electrical Engineering
SE Electrical - Attendance(Guest Lecture 30/07/2026)

S.No.	PRN	Name	Sign
1	250101081001	SHAIKH HANZALA HUSSAIN	<i>Hanzala</i>
2	250101081002	PATIL ADITYA A VIJAY	
3	250101081003	VISHWAKARMA ABHAY AJAY	<i>Abhay</i>
4	250101081004	DESHMUKH NIKHIL PRAVIN	
5	250101081007	CHAVAN SAURABH SUNIL	
6	250101081008	ADITYA GAUTAM	<i>Aditya</i>
7	250101081009	SHAHA REHAN PASHU	
8	250101081011	GAIKAR DARSH HIRAMAN	<i>Darsh</i>
9	250101081013	CHAUDHARY ABHISHEK VIRENDRA	<i>Abhishek</i>
10	250101081014	BHAGADE HARSHAD RANGANATH	
11	250101081015	GAWANDE ADITYA REWAN	
12	250101081016	MANSURI AVES IRFAN	
13	250101081017	TUPE PRINCE NITIN	
14	250101081018	SONAWANE SOHAM SANDEEP	
15	250101081019	GAIKWAD PRASANNA GANESH	
16	250101081020	SHIMPI KUNAL RAVINDRA	<i>Kunal</i>
17	250101081021	DHAGE SHUBHAM BHURAJ	
18	250101081023	PANDEY RISHABH RAVISHANKAR	<i>Rishabh</i>
19	250101081024	PAWAR KRUSHNA DIPAK	<i>Krushna</i>
20	250101081025	JADHAV MUKESH PAPPU	<i>Mukesh</i>
21	250101081027	SONKAR HARSH KAMLESH	<i>Harsh</i>
22	250101081028	YUSUF RAJU TAMBOLI	
23	250101081029	LAVHAT PRASAD LAXMAN	<i>Prasad</i>
24	250101081030	SURYAWANSHI RUPESH BARAKU	<i>Rupesh</i>
25	250101081031	PIYUSH SUSHIL NAHIRE	<i>Piyush</i>
26	250101081032	AMAN ANIS SHAIKH	<i>Aman</i>

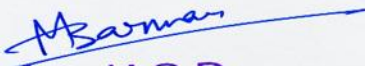
27	250101081033	SONAWANE SWAPNIL SHIVRAM	<i>Swapnil</i>
28	250101081034	PEDNEKAR MAYURESH PRADEEP	<i>Mayuresh</i>
29	250101081035	SUYASH SUNIL MISHRA	
30	250101081036	GANESH APPA CHAVAN	<i>J.resh.</i>
31	250101081037	SWAJAL VIJAY KALDATE	
32	250101081038	SHUBHAM VISHNU KHISTE	
33	250101081039	GANDHAM SIDDHARTHA	<i>Gd</i>
34	250101081041	BANOTH CHETAN TEJ	
35	250101081042	CHAUDHARI MAHESH ARUN	
36	250101081043	SAUBHAGYA NISHAD	<i>Saubhagya</i>
37	250101081045	PATIL PRASANNA KIRAN	<i>Prasan</i>
38	250101081046	BANKAR SAURABH VINOD	<i>Saurabh</i>
39	250101081047	RAGHBENDRA KALWAR	
40	250101081048	LAXMI KALWAR	
41	250101081049	SUKKAMGARI SANJAY	
42	250101081050	PATIL YASH SANDEEP	
43	250101081051	PANDEY HIMANSHUKUMAR RAJKUMAR	
44	250101081052	ANIKET SANJAY CHAVAN	
45	2601010820001	CHAVAN AARTI RAJENDRA	
46	2601010820002	SHADAB ISTIYAK SHAIKH	
47	26SUN0195	DUMMIDISAICHANDRAVARMA	
48	26SUN1520	ROHIT DIPAK BALAK	
49	26SUN1574	GARE PARTH VILAS	<i>Parth</i>
50	26SUN1774	MAYUR BHAUSAHEB KATORE	
51	26SUN2065	ROSHAN KAILAS NATHE	
52	26SUN2102	PAWAR BHAVESH RAVINDRA	<i>Bh.</i>
53	26SUN2441	CHANDRATRE ROHAN REWAN	<i>Rohan</i>
54	26SUN2577	BADGUJAR RUSHIKESH RAVSAHEB	
55	26SUN2578	MALI ADITYA SHYAM	
56	26SUN2611	HITESH HIRALAL PAWAR	
57	26SUN2663	GOPAL LALBABU RAI	
58	26SUN2709	QAZI HAMZA SIDDIQUE	
59	26SUN2712	JAYANT MADHUKAR JADHAV	
60	26SUN2729	KUNAL PRAVIN CHAUDHARI	

61	26SUN2730	BHOLANE DEVESH SUDHIR	
62	26SUN2762	PASWAN NIKHILKUMAR RAJKUMAR	<i>Nikhil</i>
63	26SUN3053	VAISHNAVI BHAUSAHEB PATIL	<i>Patil</i>
64	26SUN3175	ADITYA DATTATRAY BORADE	
65	26SUN3402	PATIL MOHANISH KISHOR	

Student Name	Roll Number	Class	Email ID	Mobile Number	The topic "Future Trends in Electrical Engineering"	The guest speaker explained the concept clearly	The lecture enhanced my understanding of energy	The content of the lecture was informative and so	The examples and practical applications discussed	The session increased my interest in higher studies	The overall organization and management of the	Overall, how would you rate this Guest Lecture?	Why did you like/dislike about the Guest Lecture?	What suggestions do you have for improving/future time of content?	Action Taken		
8/11/2024 01:00:00	Mayank Pradeep Pudekar	2500000000	A	mayadp9@gmail.com	9862426061	Yes	5	5	5	5	5 = Poor 3 = Bad 3 = Good 4 = Very Good 5 = Excellent	5 = Poor 3 = Bad 3 = Good 4 = Very Good 5 = Excellent	1	He came up with very genuine industry in	The 2nd guest lecture was a research paper showcasing the speaker didn't	The ideas	
8/11/2024 01:00:00	Prasad Lankar	2500000000	Second year AI & DS	prasadlankar@gmail.com	8425688802	Yes	3	4	3	3	5 = Poor 3 = Bad 3 = Good 4 = Very Good 5 = Excellent	5 = Poor 3 = Bad 3 = Good 4 = Very Good 5 = Excellent	1	Good	Speak in Marathi or Hindi	Next of Future guest lectures will be on emerging technologies like AI, Quantum computing, and sustainable energy. The topics should be more practical and industry-oriented. Research papers will be highlighted more on emerging technologies. Appreciation comments for the speaker and organizing team.	
8/11/2024 01:02:00	Rishabh Dnyanesh Pawar	2500000000	3rd year B.Tech	pawarshubh1@gmail.com	8966775010	Yes	5	5	5	5	5	5	5	1		provide the information to us that's all I want to say	The appreciation is sincerely an honor bridge. We were honored by your presentation and greatly enjoyed the content.
8/11/2024 01:02:00	Piyush Kulkarni	2500000000	B	piyushkulkarni13@gmail.com	9022502702	Yes	3	3	3	3	3	3	3	1	Yes	Nothing	The lecture was good. We will continue our research activities to the quality and relevance of future guest lectures.
8/11/2024 01:03:00	Ashley Vishwakarma	-	Sc m	ashleyv1587@gmail.com	8617780387	Yes	3	3	4	4	4	4	5	1	Information	-	Next possible suggestions were provided to the action required.
8/11/2024 01:03:00	Dhishh Gadhur	2500000000	3rd year	dhishhghur177@gmail.com	9850000802	Yes	2	4	4	4	4	4	5	1	Good interaction with audience, good clarity about ..		For future lectures, more focus on emerging technologies and their practical applications, and how they affect society as a whole is a very good idea.
8/11/2024 01:03:00	Pranav Bharwad Khardekar	-	B.Tech	pranavbharwad@gmail.com	9280544008	Yes	4	4	4	5	4	4	4	1		examples would be in the form of practical	



Event coordinator


H.O.D.
Electrical Engineering
School of Engineering and Technology
Sandip University, Nashik

