Department of Electrical Engineering

November
2025

THUNDERBIRD 7.0

NEWS LETTER

About the department

The Electrical Engineering program at Swami Vivekananda University is meticulously crafted to nurture globally competent and industry-ready professionals. With a strong emphasis on academic excellence and real-world application, the curriculum integrates cutting-edge knowledge with hands-on experience, ensuring students gain a competitive edge in today's dynamic engineering landscape.

Students thrive in a stimulating environment enriched by live projects, technical seminars, and case-based learning, fostering a culture of innovation and intellectual curiosity. The university's robust Industry-Academia interface further empowers learners with practical exposure, enabling them to master the design, analysis, development, and maintenance of advanced electrical systems and machinery.

Departmental Members

Mr. Abhishek Dhar
Mr. Avik Datta
Mr. Suvraujjal Dutta
Mr. Sujoy Bhowmik
Ms. Esha Mallick
Mr. Promit Kumar Saha
Mr. Titas Kumar Nag
Dr. Suryendu Dasgupta
Dr. Sudip Das
Mrs. Susmita Dhar Mukherjee
Ms. Arunima Mahapatra
Mr. Soumen Pal
Ms. Suravi Singha
Mr. Ayan Ghosh
Mr. Anirban Mondal
Mr. Abir Das
Mr. Sourav Ghosh
Dr. Rituparna Mitra
Dr. Shibabrata Mukherjee
Ms. Anwesha Majumder
Mrs. Payel Nandi
Ms. Nisha Dey
Mr. Sumon Intewaj Alam
Ms. Swati Dey

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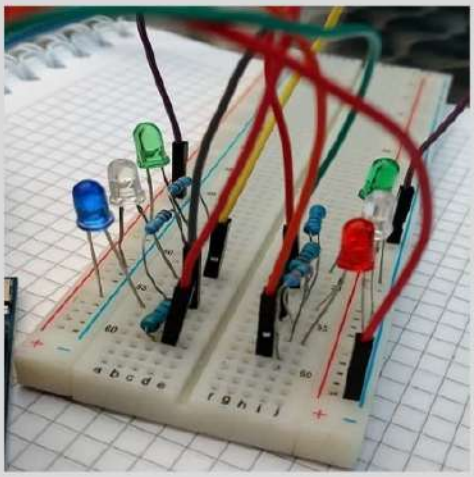

Mission

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Vision

Students thrive in a stimulating environment enriched by live projects, technical seminars, and case-based learning, fostering a culture of innovation and intellectual curiosity. The university's robust Industry-Academia interface further empowers learners with practical exposure, enabling them to master the design, analysis, development, and maintenance of advanced electrical systems and machinery.

Objective

To impart knowledge, develop skills and prepare graduates in achieving global excellence in Electrical Engineering education, industry and research.

-Innovation
-Excellence
-Entrepreneurship

Mr. Arunima Mahapatra
Assistant Professor and Coordinator
Department of Electrical Engineering

Desk of **Academic Coordinator**

As the academic year progresses with vibrant energy here, the Department of Electrical Engineering at Swami Vivekananda University, West Bengal continues its unwavering commitment to fostering innovation and academic excellence. Our students are deeply engaged in cutting-edge research and hands-on projects, pushing the boundaries of electrical engineering knowledge. We are also incredibly proud of our faculty, whose dedication to teaching and mentorship is shaping the next generation of brilliant engineers. This newsletter aims to keep our community informed about the exciting developments, achievements, and upcoming events within our dynamic department.

As we move forward, we remain committed to creating a vibrant learning environment that inspires curiosity, critical thinking, and innovation. We encourage all members of our community— students, faculty, alumni —to stay connected and contribute to our shared vision of excellence. Together, let us continue to build a future driven by knowledge, integrity, and transformative ideas.

Thank you for being a part of the journey with the Department of Electrical Engineering at Swami Vivekananda University.

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Student's **Strength**

Courses	1st year	2ndYear	3rd Year	4th Year
Diploma	**58**	**145**	**128**	NA
B.Tech	**18**	**227**	**323**	**301**
M.Tech	**20**	**19**	NA	NA
PhD	**7**	NA	NA	NA

Our students actively participate in internships and industry-sponsored projects with leading tech companies, gaining practical experience and solving real-world challenges. Teams from our department have won prestigious hackathons, robotics contests, and circuit design challenges, bringing accolades to the college.

Our students frequently receive merit-based scholarships and fellowships from national organizations for their outstanding academic and extracurricular achievements. Our graduates are employed in top global companies, research institutions, and universities, making significant contributions to the field of electrical engineering worldwide

Student's **Achivement**

Our students actively engage in industry-sponsored projects and internships with top tech firms to obtain real-world experience and solve problems. Teams from our department have brought recognition to the college by winning circuit design challenges, robotics competitions, and notable hackathons. National organizations regularly provide merit-based scholarships and fellowships to our students in recognition of their exceptional extracurricular and academic accomplishments. Our alumni work for prestigious international businesses, academic institutions, and research centers, contributing significantly to the field of electrical engineering globally.

Active
Recrurting Partner

Teleperformance
each interaction matters

arodek™
Adding Value

WINDMÖLLER & HÖLSCHER

EBSON PUMPS
TOWARDS EXCELLENCE

Hertz
Creating Balance

DB

ROIMA
INDIA

KYB
Our Precision, Your Advantage

WINDCARE
INDIA PVT. LTD
Praise the Lord | Touching you with Special Technology!

SigiloTech
Discover Advanced Solutions

Faculty
Achievement

Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत-कुशल भारत

TOPPER

This certificate is awarded to

SURYENDU DASGUPTA

for successfully completing the course

Electrical Machines - I

with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	60.7/75

Total number of candidates certified in this course: **23**

Jul-Oct 2025

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL25EE124S1160800041 To verify the certificate No. of credits recommended: 3 or 4

IMPS College of Engineering & Technology

(Approved by AICTE & Affiliated to MAKAUT)

5th International Conference on Innovative Research in Renewable Energy Technologies (IRRET-2025)

5th IRRET-2025

Certificate of Appreciation

This Certificate is Awarded to

Mr. Soumen Pal

With Deep Appreciation, Respect and Gratitude for His/Her Dedicated Support and Contribution as a Technical Coordinator during 5th International Conference on

"Innovative Research in Renewable Energy Technologies (IRRET-2025)"

Organized By

Department of Electronics and Communication Engineering & Electrical Engineering, IMPS College of Engineering and Technology, Malda, West Bengal, India.

Dr. Sudipta Das
Conference Chair

Date: 23rd -24th March, 2025

Mr. Kunal Chakraborty
Conference Co-Chair

Future **Development Plan**

1. Curriculum Enhancement
Revise the curriculum to match current industry needs in smart grids, renewable energy, AI, and EV technology.
Add interdisciplinary courses that blend electrical engineering with data science, robotics, and automation.

2. Infrastructure Development
Set up modern labs for power systems, renewable energy, robotics, and IoT.
Upgrade classrooms and labs with advanced software tools like MATLAB, Simulink, PSCAD, and ANSYS.
Create a dedicated Center of Excellence for Renewable Energy and Smart Grid research.

3. Research & Development
Encourage research on green energy, AI-based control, and energy storage.
Build national and international collaborations to obtain project funding.
Motivate faculty and students to publish in reputed journals and attend international conferences.

4. Industry Collaboration
Enhance ties with industries for internships, training, and joint projects.
Conduct workshops, seminars, and hackathons to improve hands-on learning.
Sign MoUs with companies for consultancy and technology transfer.

5. Global Engagement
Develop partnerships with global universities for exchanges, joint research, and dual degrees.
Host international conferences and webinars to bring global insights.

6. Student Development Programs
Introduce certification courses in PLC/SCADA, EV systems, and embedded technologies.
Start mentorship initiatives involving industry professionals and alumni.
Offer support for students to join competitions, internships, and startup programs.