



**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN**

VOLUME 1, ISSUE 1

JULY 2025



EE TIMES

NEWSLETTER



DEPARTMENT OF ELECTRICAL ENGINEERING

From the Head of Department's Desk

Dear Students, Faculty, and Alumni,

Welcome to the inaugural edition of our department's newsletter "EE Times".

The 2025-26 academic year has begun with great enthusiasm. We've had a productive start, with exciting research initiatives and engaging student activities. We're committed to providing a dynamic learning environment and fostering innovation in Electrical Engineering.

I encourage everyone to participate actively in the upcoming events and contribute to our department's growth.

Dr. Ankush Tandon

Head, Department of Electrical Engineering

Vision of the Department

To promote specialized knowledge in the field of Electrical Engineering along with interdisciplinary awareness and to develop a framework to support the communicative and ethical needs of industry and society at global level.

Mission of the Department

- To impart quality education in the field of Electrical Engineering and to pursue research and higher studies by providing latest development through expert lectures, conferences and workshops.
- To facilitate and develop students for their better employability to adapt the changing needs.
- To encourage students and faculty members to undertake industry sponsored projects.

Program Educational Objectives

- To prepare students for professional career in Electrical Engineering.
- To develop proficient Electrical Engineering graduates with firm foundation in engineering for making professional career in core & IT sector and to carry out research and higher studies.
- To induct creativity, effective communication skills, team work spirit and ethical attitude with an inclination towards lifelong learning.

Editors Message

Dear Readers,

Greetings from the editorial desk!

It brings me immense pleasure to welcome you to the first edition of our Electrical Engineering Newsletter. As we navigate through an era of rapid innovation and sustainable transformation, the field of Electrical Engineering continues to be the cornerstone of technological progress from smart grids to electric mobility and renewable energy integration.

This issue highlights achievements, research insights, and student contributions that reflect the spirit of creativity and collaboration within our community. Let us all be reminded of the words by Thomas Edison: "Genius is one percent inspiration and ninety-nine percent perspiration." In the same spirit, let's continue to push boundaries, embrace challenges, and lead with purpose.

As engineers and learners, let's remember that "The best way to predict the future is to invent it." Each idea, project, or experiment brings us one step closer to a brighter, smarter, and more sustainable world.

Thank you for being an integral part of our vibrant community. Keep learning, keep innovating, and keep inspiring!

Warm regards,

Dr. Prateek Kumar Singhal

Editor-in-Chief

EE Times

Editor-In-Chief

Dr. Prateek Kumar Singhal

Associate Prof., Department of Electrical Engineering

Editor

Mr. Jinendra Rahul

Assistant Prof., Department of Electrical Engineering

Co-Editor

Mr. Jitendra Singh

Assistant Prof., Department of Electrical Engineering

Student Editors

Sadaf Khan, Vth Sem.

Darshan Jangid, Vth Sem.

STUDENT PLACEMENTS 2025 BATCH

A total of 39 students out of 60 eligible students have been successfully placed through campus recruitment in reputed companies. The placements reflect opportunities across diverse industries including IT, core engineering, infrastructure, and consulting. The highest package offered is **₹ 5.67 LPA** by AMWL, while several companies such as Genus Power, MosChip Technologies, and Skipper have also offered competitive packages up to **₹ 5.5 LPA**. This demonstrates both the quality of opportunities and the strong industry connect of the institute.

S. No.	Name of Company	No. of Students
1	AMWL	2
2	AxesTrack	2
3	Daikin	3
4	Genus Power Infrastructures	1
5	Infosys	1
6	MosChip Technologies	1
7	Pinnacle Infotech Solutions	10
8	Polycab	1
9	Skipper	6
10	Thrillophilia	2
11	Medispace	1
12	Cape Electric	02
13	Bosch	01
14	V Tools	03
15	Varistor	01
16	Axis Track	02

TOTAL= 39 SELECTION

EVENTS ATTENDED BY FACULTY (2024-25)

S. No.	Event Type	Number of Faculty
1	FDP	113
2	STC	2
3	STTP	2
4	Workshop	3
5	Conference Attended	29

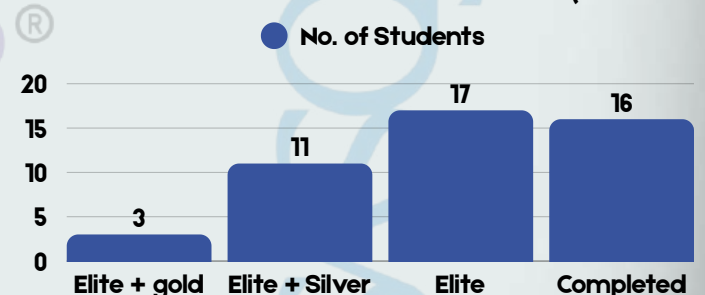
FACULTY PUBLICATIONS (2024-25)

S. No.	Publication Type	Number of Publications
1	SCI/E-SCI/SCOPUS	7
2	SKIT Research Journal	8
3	Conference Proceedings	13
4	Book Chapter	3
5	Others (having ISBN/ISSN & DoI Numbers)	19

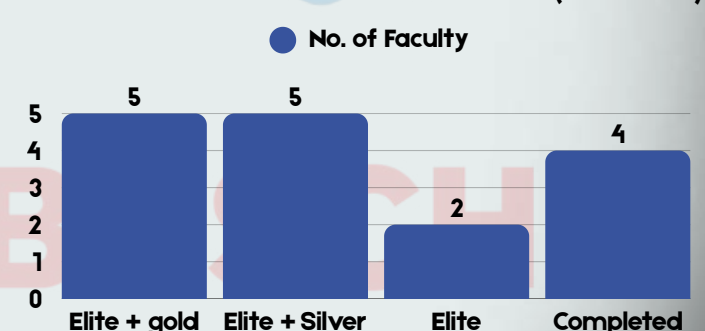
STUDENTS QUALIFIED IN THE GATE EXAM-2025

S. No.	Name of the Student	All India Rank
1	Hardik Verma (IN)	422
2	Hardik Verma (EE)	349
3	Kanishk Pratap (IN)	529
4	Kanishk Pratap (EE)	2278
5	Karan Mourya	13966
6	Manvish Ghusinga	8472
7	Naman Jain	3373
8	Nikhil Sharma	7026
9	Radheshyam Sharma	3590
10	Sachin Meena	15500
11	Saurabh Kumar	7248
12	Saurabh Kr. Pushp	5846
13	Shreyash Sharma	4970
14	Vinam Choudhary	3692
15	Yash Agarwal (EE)	2507
16	Yash Agarwal (EC)	1369
17	Yash Soni	5908

MOOC COMPLETED BY STUDENTS (2024-25)



MOOC COMPLETED BY FACULTY (2024-25)



ELECTRICAL VIBES

CONFERENCE/WORKSHOP ORGANIZED

AICTE sponsored 2nd International Conference on Advanced Computing Techniques in Engineering & Technology (ACTET-2025)

The 2nd International Conference on Advanced Computing Techniques in Engineering & Technology (ACTET-2025), organized by the Electrical Engineering Department of SKIT Jaipur, was a highly successful event held on 12th and 13th February 2025. Focused on emerging trends and challenges in computing techniques, the conference brought together researchers, academics, and industry professionals from around the world to exchange ideas on cutting-edge topics such as artificial intelligence, machine learning, smart systems, quantum computing, and energy management. The event featured keynote addresses, paper presentations, and interactive discussions, both online and offline, providing a platform for collaboration and innovation. The conference concluded with a successful valedictory ceremony, leaving a lasting impact on all attendees. The Event Coordinators were Dr. Ankush Tandon and Dr. Pooja Jain, Associate Professors, in the Electrical Engineering Department at SKIT Jaipur. The proceeding of ACTET-2025 is published with Springer in their Communications in Computer and Information Science series (<https://www.springer.com/series/7899>).



Student's workshop on "EV and Industry 4.0 Technologies"

A one-week workshop on "EV and Industry 4.0 Technologies" was organized by the Student Chapter of Institution of Engineers and the Electrical Engineering Department, SKIT Jaipur, Jaipur, from October 14 to 19, 2024. The six-day workshop provided a comprehensive understanding of EV technology, covering key concepts, technical aspects, infrastructure, policies, and future innovations. The first day introduced EV fundamentals, emphasizing environmental benefits and key components like drivetrains and battery efficiency. The second day focused on EV design, battery technology, electric motors, and power electronics, with hands-on demonstrations.



Day three explored EV charging infrastructure, discussing various chargers and network challenges with practical demonstrations. The fourth day covered government policies, market trends, incentives, and regulatory frameworks, with expert insights on electric mobility. On the fifth day, participants engaged in EV simulation and software training, applying theoretical knowledge to real-time design exercises. The final day featured project presentations, encouraging innovation, and concluded with certificate distribution and feedback. The Event Coordinators were Dr. Prateek Kumar Singhal (Associate Professor), Dr. Tarun Naruka (Associate Professor), Mr. Vikas Mahala (Assistant Professor & Deputy Head) and Mr. Deepak Saini (Assistant Professor) in the Electrical Engineering Department at SKIT Jaipur.

EVENTS ORGANIZED

PROJECT COMPETITION (PROJECT EXPO-25)

The Student Chapter of Institution of Engineers and Electrical Engineering Department, Swami Keshavand Institute of Technology, Management and Gramothan, Jaipur, organized Project Expo'25 (a national-level hardware project competition) on 09 April 2025 from 10:30 AM onwards (at Badminton court, Civil Block, SKIT Campus). The event aimed to provide a platform for engineering students to exhibit their innovation. More than 20 projects from the different colleges are presented.



The event was graced by esteemed chief guests, Dr. Hemant Kumar Meena (Malviya National Institute of Technology, Jaipur), Dr. S.L. Surana (Director, Academics), Dr. Ramesh Kumar Pachar (Principal), Dr. R.K. Jain (Dean), and Dr. Sarfaraz Nawaz (Head, Department of Electrical Engineering). The chief guest examined and evaluated all the projects. The event was supervised under the guidance of faculty coordinators Mr. Jinendra Rahul and Mr. Jitendra Singh. Guests then met with all the participants and visited their projects and listened to their ideas on their projects to implement in the real world. The guests appreciated the participants for their innovative ideas. After evaluating all the projects, judges decided the winning teams of 'Project Expo-25' and announced their names. In the end, Dr. Sarfaraz Nawaz presented a vote of thanks to the guests.

QUIZ COMPETITION (KNOCK THE G.A.T.E.)



The Student Chapter of Institution of Engineers and Electrical Engineering Department, SKIT Jaipur organized "Knock the G.A.T.E." on 17 February 2025 from 10:00 AM to 12:30 PM (at Kautilya Hall, SKIT Jaipur), providing students with expert guidance and a simulated GATE exam experience.

Experts from Made Easy Academy delivered insightful sessions on exam strategies, time management, and subject-wise preparation, followed by an interactive Q&A session. A pen-and-paper test was conducted, allowing participants to assess their readiness. Top performers were awarded prizes worth ₹11,000.

Students found the event highly beneficial, as it helped them understand common challenges, effective preparation techniques, and exam patterns. The interactive session enabled them to clarify doubts and refine their approach. Faculty members and organizers praised the event's smooth execution and enthusiastic participation. The event proved to be a valuable initiative for GATE aspirants, motivating students to enhance their preparation and strive for excellence. The event was organized under the guidance of Mr. Jitendra Singh and Mr. Jinendra Rahul, Assistant Professors in the EE Department at SKIT Jaipur.

INDUSTRY VISITS

220 KV GSS, INDIRA GANDHI NAGAR, JAIPUR

An industrial visit has been organized by the Department of Electrical Engineering for III semester students at 220 kV GSS, Indira Gandhi Nagar, Jaipur, on July 19, 2024 under the supervision of Mr. Vivek Sharma (Assistant Professor, Electrical Engineering Dept., SKIT Jaipur).

The purpose of visiting the 220 kV Grid Sub-Station was to provide practical exposure students about functioning and layout of equipment in a high-voltage sub-station. The visit aimed to understand power transmission, transformation, protection, and distribution processes.



TECHNOS CENTRE OF EXCELLENCE (TCOE), INDUSTRY 4.0, SITAPURA, JAIPUR

Department of Electrical Engineering has organized an industrial visit for III semester students at TechnoS Centre of Excellence (TCoE), Industry 4.0, Sitapura, Jaipur, on September 06, 2024 under the supervision of Dr. Prateek Kumar Singhal (Associate Professor, Electrical Engineering Dept., SKIT Jaipur).

TechnoS Centre of Excellence (TCoE), is an Industry 4.0, Electronics skill school that aims to provide hands-on skills for Electrical Vehicles Assembly, Embedded Systems Electronics and Software, Batteries Assembly, Drones Assembly, Robotics, Engineering Design and 3-D printing, Artificial Intelligence and Machine Learning.



DESIGN 2 OCCUPANCY (D2O), JAIPUR

The visit to D2O Head Office was organized on 23rd October 2024 by the IEI Student Chapter EE Department in collaboration with the Indian Green Building Council (IGBC) for the students of Electrical Engineering, Civil Engineering and Mechanical Engineering under the supervision of Mr. Jitendra Singh (Assistant Professor, Electrical Engineering Dept., SKIT Jaipur). This visit was instrumental in showcasing a variety of sustainable architectural practices and advanced engineering solutions. The building features four floors, a ground floor, and a basement, which includes rainwater collection tanks for drinking water. All construction materials were sourced within a 400 km radius to significantly reduce transportation-related carbon emissions. This local sourcing reflects a commitment to sustainability and resource efficiency. In terms of electrical systems, each floor is equipped with a circuit panel connected to a centralized energy distribution system. This design minimizes wire lengths and enhances energy management efficiency. The choice to keep water pipe connections and centralized AC pipes exposed serves as an educational tool, illustrating the flow of systems and the importance of understanding building infrastructure.



SOLAR POWER PLANT, 400 KW, SKIT M&G, JAIPUR

The Student Chapter of Institution of Engineers and Electrical Engineering Department, SKIT Jaipur "Know Your College 4.0 – The Solar Power Plant Visit" (KYC 4.0) on Nov. 25, 2024, from 01:30 PM to 3:30 PM. This event was organized under the guidance of Mr. Jitendra Singh (Assistant Professor, EE Dept., SKIT Jaipur), Mr. Jinendra Rahul (Assistant Professor, EE Dept., SKIT Jaipur) and technical support provided by Mr. Mahesh Kumar Rathodiya (Senior Technical Assistant, EE Dept., SKIT Jaipur). Student coordinators were Ms. Sadaf Khan, Mr. Raj Katara. It was a visit to a Solar Power Plant installed on the terrace of SKIT Jaipur. This event gave an insightful visit focused on exploring the institute's solar power infrastructure and understanding how renewable energy technologies contribute to sustainable campus operations. The session covered critical aspects such as energy generation, storage, and consumption, highlighting the efficiency of renewable systems. Students observed how the solar panels harness sunlight to generate electricity, which is then distributed to various blocks of the campus through centralized energy management systems. The initiative reflects SKIT's commitment to promoting eco-consciousness and advancing sustainable energy solutions.



EXPERT TALKS



S. No.	Name of the Expert	Topic	Date
1	Dr. Satish Sharma, MNIT Jaipur	Energy Market	2 Apr 2025
2	Ms. Kanishka Mathuria, Senior Software Engineer - A3 Logic, Jaipur	Skills to learn for Software Placement	29 Jul 2024
3	Dr. MP Sharma, Executive Engineer, SLDC, RRVPNL, Heerapura, Jaipur	Power Supply Management in Rajasthan - Power Plant and Transmission System	26 Jul 2024
4	Mr. Jagadish Singh Gurjar, EEVPNL, Jaipur	Working on the Grid Sub Station	22 Jul 2024
5	Mr. Ishant Bhatia, Senior Electrical Engineer- Pinnacle Infotech, Jaipur	Skills to learn for Core Placement	20 Jul 2024

Department of Electrical Engineering



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN (ACCREDITED BY NAAC WITH A++ GRADE)

An Autonomous Institute, Affiliated to Rajasthan Technology University, Kota Recognized by
UGC under section 2(f) of the UGC act 1956,
Approved by All India Council for Technical Education, New Delhi

RAMNAGARIA, JAGATPURA, JAIPUR - 302017, RAJASTHAN, INDIA

Email: info@skit.ac.in | Website: www.skit.ac.in

PHONE: 0141-3500300, 2759609, 2752165, 2752167 | FAX: 0141-2759555