Swami Keshvanand Institute of Technology, Management & Gramothan

Ramnagaria (Jagatpura) Jaipur-17



Extra-Curricular Activities 2024-25 IE (EE) Student Chapter Annual Report of Chapter Activities

Student Coordinator:

Sadaf Khan (9460041796) Darshan Jangid (8209389246)

Faculty Coordinator:

Mr. Jitendra Singh (9314557275) Mr. Jinendra Rahul (9530098449) **About The Club:** - The Electrical Technical club (ETC) – was formed in 12 July 2012 under IE Students' chapter. The students' chapters organize various activities like special lectures, Quiz competitions, Group Discussions, Seminars, Workshops, Symposia, product and project demonstration, etc. for the development of socio-techno-intellectual qualities in the students as well as for encouraging their quest for knowledge in a disciplined manner.

Objective: - To improve learning in advanced technology and to promote research in core and interdisciplinary domains.

Outcomes: - After completion of activities, competitive skills, character and leadership skills are developed and get unique opportunities.

Details of Students Coordinators: -

S. No.	University Roll No.	Name	Year	Branch	Mob. No.	Remarks (if any)
1.	23ESKEE066	Sadaf Khan	II	EE	9460041796)	
2.	23ESKEE018	Darshan Jangid	II	EE	8209389246	

Details of Faculty Coordinators: -

Sr. No.	Name	Branch	Mob. No.	Remarks (if any)
1.	Jitendra Singh	EE	9314557275	
2.	Jinendra Rahul	EE	9530098449	

Yearly Calendar:-(Starting from 1 July 2024 to till date)

S. No.	Date	Name of The Activity	Description	Remarks (if any)
1.	29/07/2024	Expert talk	Expert talk on "Skill to learn for software placement"	

2.	14/10/2024 — 19/10/2024	workshop	Student's workshop on "EV and Industry 4.0 Technologies"
3.	23/10/2024	Visit to D20 Head Office	Visit to D20 Head Office
4.	25/11/2024	KYC-4.0	Know Your College (KYC-4.0): Solar Power Plant Visit at SKIT campus
5.	17/02/2025	Knock the GATE	Competition based on the GATE exam.
6.	09/04/2025	Project Expo-2025	National Level Project Expo-2025

Group Photo of Club Coordinators (Faculty and Students):-





Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Department of Electrical Engineering विद्युत् अभियांत्रिकी विभाग



NOTICE EXPERT TALK

24/07/2024

This is to inform all III Semester students of Electrical Engineering that the IE(I) Student Chapter (Electrical Engineering) is organizing an Expert Talk on "Skills to learn for Software Placement".

The talk will be delivered by Ms. Kanishka Mathuria, Senior Software Engineer - A3 Logic, Jaipur.

The faculty members of the department not engaged in teaching work may attend the lecture.

Other interested faculty and staff members of the institute are also invited for the same.

Other details are as follows:

Venue: Department Seminar Hall Day & Date: Monday, 29/07/2024

Time: 9:00 am to 10:30 am

Dr. Sarfaraz Nawaz Head, Department of Electrical Engineering

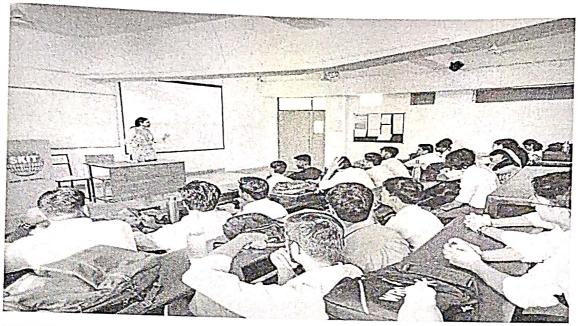
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Director,
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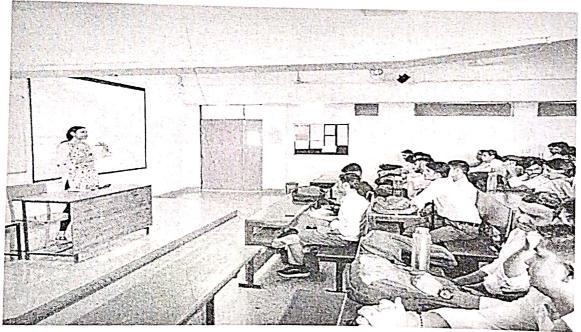
EE Faculty& Students by Circulation, and Notice Board (EE Deptt.)



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur Department of Electrical Engineering विद्युत् अभियांत्रिकी विभाग













A

Report on

Workshop

on

"EV and Industry 4.0 Technologies"

October 14 - 19, 2024



Organized by:

Department of Electrical Engineering

&

IE (I) Student Chapter Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Submitted by:

Dr. Prateek Kumar Singhal (Associate Professor)
Mr. Tarun Naruka (Associate Professor)
Mr. Vikas Mahala (Assistant Professor & Deputy Head)
Mr. Deepak Saini (Assistant Professor)

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Our Inspiration

"The main factor causing India's backwardness is widespread illiteracy. We must address it as soon as possible if we wish to see the country advance quickly".

-Swami Keshvanand

Over 300 schools, 50 hostels, countless libraries, social service centres, and museums were founded by the illiterate, itinerant, and orphan Swami Keshvanand. He never got a formal education. The desert region's agricultural society was profoundly understood by Swami Keshvanand. He addressed the issues, provided acceptable and rational answers, and described the characteristics of the arid area. Eliminating social problems like as untouchability, child marriage, debt, poverty, backwardness, alcohol misuse, moral decay, etc. was Swami Keshvanand's lifelong goal.

1. ABOUT SKIT

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) has been ranked no.1 Engineering Institute in Rajasthan by RTU Kota consecutively for the last five years. The institute was established in the year 2000 by a team of committed professionals and academicians. During all the past years SKIT has emerged as a premier center of technical education not only in Rajasthan but also in Northern India which has been realized through efficient and dedicated faculty members, innovative teaching learning methods, and core value of discipline. The various undergraduate programmes of the institute are accredited by the National Board of Accreditation (NBA).

2. ABOUT DEPARTMENT OF ELECTRICAL ENGINEERING

The Department of Electrical Engineering is distinctly focused towards integrating academics with cutting edge technology in the field of Electrical Engineering. The B.Tech Program has been accredited four times in succession by NBA since 2009. Department is also conducting M. Tech. and PhD Program in Power Systems specialization. All efforts are subtly harnessed with the

aim of preparing the budding engineers to face the challenging dimensions of technical excellence in areas such as Analog & Digital Electronics, Electrical Machines, Control & Automation, Power Systems Design and Power Electronics. The department puts in consistent efforts for field exposure to students through various research-oriented projects taken up for meeting the industry demands. The department offers a perfect blend of electrical, electronics and computer related courses to help students pursue a professional career or higher studies.

3. ABOUT THE WORKSHOP

Clean and green technologies are innovative solutions designed to minimize environmental impact and promote sustainability. These technologies focus on reducing pollution, conserving resources, and improving energy efficiency. Examples include renewable energy sources like solar, wind, and hydropower, which reduce reliance on fossil fuels and lower greenhouse gas emissions. Additionally, advancements in waste management, such as recycling and biodegradable materials, help reduce environmental contamination. The adoption of these technologies is crucial for combating climate change, preserving biodiversity, and ensuring a healthier planet for future generations. By integrating clean and green technologies into industries, transportation, and everyday life, we can build a more sustainable and resilient world.

4. VISION, MISSION & QUALITY POLICY OF THE INSTITUTE:-

Vision

To promote higher learning in advanced technology, management skills and industrial research to make our country a global player.

Mission

To promote quality education, training and research in field of Engineering by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students.

Quality Policy

We are committed to 'achievement of quality' as an integral part of our institutional policy by continuous self-evaluation and striving to improve ourselves. Institute would pursue quality in

- All its endeavors like admissions, teaching-learning processes, examinations, extra and cocurricular activities, industry institution interaction, research & development, continuing education, and consultancy.
- Functional areas like teaching departments, Training & Placement Cell, library, administrative office, accounts office, hostels, canteen, security services, transport, maintenance section and all other services."



Swami Keshvanand Institute of Technology, Management &

Gramothan, Jaipur, Rajasthan-302017



Department of Electrical Engineering

- Workshop materials, components, and tools.
- Experienced industry professionals to conduct sessions.

Budget: A proposed budget plan covering expenses for materials, equipment, refreshments, and guest speakers is as follows:

S.N	Item	Total
1	Expert remuneration	18,000 /-
2 .	Printing and other materials	4,000/-
3	Refreshments	1500/-
	Total	23,500/-

We kindly request your approval and support to organize this workshop in Electrical Engineering Department. This initiative aligns with our commitment to providing a comprehensive and practical education to our students.

Dr. Prateek Kumar Singhal

\$ 04/10/24

Associate Professor, EED & Workshop Coordinator

Dr. Sarfaraz Nawaz

Head-EED

toxa forwarded for Lind Consideration

yes permitted.
7/10/2024

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Department of Electrical Engineering

Name of Event	One-week hands-on workshop for students in EV and Industry 4.0 Technologies				
Date	14-19 Oct., 2024				

Expenditure details

S.No.	Particular	Amount in Rs/-
1	Honorarium (Bill No.1)	18000/-
2	Certificates (Bill No.2)	572/-
	Total	18572/-

Dr. Sarfaraz Nawaz

Head, EE Dept.

5. WORKSHOP BROCHURE:-

Patrons

Shri Raja Ram Meel, Patron, SKIT Shri Surja Ram Meel, Chairman, SKIT

Advisory Committee

Shri Jaipal Meel, Director, SKIT Prof. S. L. Surana, Director (Academics), SKIT Smt. Rachna Meel, Registrar, SKIT Prof. Ramesh Kumar Pachar, Principal, SKIT Prof. R. K. Jain, Dean, SKIT Prof. Sarfaraz Nawaz, Head(EE), SKIT Prof. Anil Choudhary, Head (IT), SKIT Prof. Mehul Mahrishi, Head (CSE), SKIT Prof. Mukesh Arora, Head (ECE & OFA), SKIT Prof. Dheeraj Joshi, Head (ME & IQAC), SKIT Prof. D. K. Sharma, Head (CE), SKIT Prof. Rohit Mukherjee, Incharge, I Year, SKIT Prof. Amber Srivastava, Head (Maths), SKIT Dr. Sharda Soni, Head (Chemistry), SKIT Prof. Brajraj Sharma, Head (Physics), SKIT Prof. Neha Purohit, Head (English), SKIT Prof. Ona Ladiwal, Head (DMS), SKIT Prof. Sangeeta Vyas, Head (OSA), SKIT

Faculty Members

Prof. Dhanraj Chitara Mrs. Deepti Arela Prof. Virendra Sangtani Mr. Jinendra Rahul Dr. Suman Sharma Dr. Pooja Jain Dr. Jyoti Shukla Dr. Sanjeev Kumar Dr. Abhishek Gupta Dr. Ankush Tandon Dr. Bharat Modi Ms. Smriti Jain

Dr. Prateek Kumar Singhal Associate Professor Phone: 7793027050

Email: prateek.singhal@skit.ac.in

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STUDENT COORDINATORS

Mr.Raj Katara

Mr. Ajay Bharadwaj II Year (EE Dept., SKIT) Mohd. Yusuf Sharif 83022 14701

Ms.Sadaf khan

II Year (EE Dept., SKIT) 9460041796



One Week Hands-On Workshop for Students

"EV and Industry 4.0 Technologies "

14th 19th October, 2024 (06 Days)



Organized by Department of Electrical Engineering. Institution of Engineers (IEI)





Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur- 302017 www.skit.ac.in

About SKIT, Jaipur

Mr. Jitendra Singh

Mr. Vivek Sharma

Mr. Garvit Gupta

Mr. Mahesh Meena

Mr. Avadhesh Sharma



Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) has been Ranked No.1 Engineering Institute in Rajasthan by RTU Kota consecutively for the last six years. The institute was established in the year 2000 by a team of committed professionals and academicians. During all the past years SKIT has emerged as a premier centre of technical education not only in Rajasthan but also in Northern India, which has been realized through efficient and dedicated faculty members, innovative teaching learning methods, and core value of discipline. The various undergraduate programmes of the institute are accredited by the National Board of Accreditation (NBA). SKIT is only affiliated technical institute in Rajasthan to have earned an A++ grade by National Assessment And Accreditation Council (NAAC).

Department of **Electrical Engineering**

The Department of Electrical Engineering is distinctly focused towards integrating academics with cutting edge technology in the field of Electrical Engineering. The B. Tech. Program has been accredited five times in succession by NBA since 2009 Department is also conducting M. Tech and

PhD Program in Power Systems specialization. All efforts are subtly harnessed with the aim of preparing the budding engineers to face the challenging dimensions of technical excellence in areas such as Electrical Machines & Drives, Control & Automation, Power Systems Design, Power Electronics and MATLAB Applications. The department puts in consistent efforts for field exposure to students through various research-oriented projects taken up for meeting the industry demands. The department offers a perfect blend of Electrical, Electronics and Computer related courses to help students pursue a professional career or higher studies.

About the Workshop

The "EV and Industry 4.0 Technologies" workshop aims to deepen students' understanding of Electric Vehicle (EV) technology, covering design, development, and advancements in power electronics and energy storage. Students will explore the EV market, its types, components (batteries, motors, throttles), and the pros and cons of different technologies.

The workshop provides hands-on training in building and testing battery packs, including Battery Management Systems (BMS), wiring, and connectors. Motor selection, motor controller basics, and sensor testing will also be covered. Additionally, students will learn about government regulations for EVs in India and globally.

The program includes assembling an e-bike and a final exam for validation, ensuring practical application of the concepts learned and enhancing students' technical expertise.

STTP Features:

- · Hands-On Demonstrations: Practical exercises to reinforce theoretical knowledge.
- · Resource Person: Experts from industry sharing their experiences and realworld applications.
- Lab Sessions: Access to well-equipped laboratories for hands-on learning experiences.
- Certificate of Participation: Participants will receive certificates upon successful completion of workshop.
- Target Audience: In-house 2nd year undergraduate students of Electrical Engineering

Workshop Schedule

The training program will be conducted from 14 - 19 October 2024 as per given

Date	Session-I	Session-II
14 - 19	12:30 PM	02:00 PM
October,	to	to
2024	02:00 PM	03:30 PM

6. WORKSHOP SCHEDULE:-

Workshop Schedule

The training program will be conducted from 14 - 19 October 2024 as per given schedule:

Date	Session-I	Session-II
14 - 19	12:30 PM	02:00 PM
October,	to	to
2024	02:00 PM	03:30 PM

7. OBJECTIVE OF THE WORKSHOP:-

The main objectives of this Workshop are:

- To gain thorough understanding of the essentials and the way to EV
- Skill Development
- Industry Insights
- Sustainability Awareness
- This workshop promotes the aims of a research, such as expanding knowledge, support values require for collaborative work and mutual respect.

8. EXPECTED OUTCOME OF THE WORKSHOP:-

After attending this Workshop, Participants will be able to:

- Participants will have a solid foundational knowledge of electric vehicles and their systems.
- Enhanced technical skills through hands-on practice and exposure to advanced EV tools and technologies.
- Improved understanding of the current market trends and future opportunities in the EV industry.
- Increased awareness of environmental impacts and the role of EVs in promoting sustainability.
- Motivation to contribute to innovative solutions and pursue careers in electric mobility.

9. ATTENDANCE OF PARTICIPANTS:-

No. 1 2	Roll No. 23ESKEE003	Name	14-10-24				18-10-24	
2	TO DO TELLO	Abhishek Sharma	0	15-10-24	16-10-24	17-10-24 P	P	P
	23ESKEE006	Akhii Khandelwal	10	0	0	P	P	P
3	23ESKEE008	Annot Soni	- 6	6	P	P	P	P
4	23ESKEE009	Aryan Soni	0	P	P	P	P	P
5	23ESKEE010	Aryan Yadav	A	A	A	A'	P	A
6	23ESKEE016	Brajesh Kumar Saini		P	P	P	P	P
7	23ESKEE018	Darshan Jangid	P	P	0	P	P	P
3	23ESKEE030	Harsh Vardhan Singh Rajawat	P	D	A	A	A	A
	23ESKEE035	Himmanshu		P	P	6	A	P
0	23ESKEE041	Lokesh Soni	P	P	P	b	P	P
1	23ESKEE046	Mohit Prasad	0	P	0	0	P	P
2	23ESKEE047	Nakul Jain	6	P	P	P	P	P
	23ESKEE054	Pradeep Singh Rajawat	1	P	0	P	P	P
3		Praket Kulhari	0	0	P	P	-	0
4	23ESKEE055	Pratyush Kulhari	0	P	P	0	P	P
5	23ESKEE056		0	P	P	A	P	P
16	23ESKEE057	Pulkit Sharma	P	P	A	0	P	P
17.	23ESKEE060	Rahul Rao	6	P	A	P	P	0
18	23ESKEE061	Raj Katara	P	0	0	P	P	P
10	23ESKEE062	Raman Jangir	P	P		P	-	0
20	23ESKEE066	Sadaf Khan	F	-	B	A	1 0	10
2!	2005KEED68	Sahii Singii	A	P		0	P	P
22	23ESKEE070	Saksham Sharma	P	P	P	0	0	0
23	23ESKEE071	Sakshi Singh	A	0	0	0	P	P
24	23ESKEE072	Shashikant	P	1	P	10	D	A
25	23ESKEE074	Shivam Jangid	P	P	0	0	P	P
26	23ESKEE077	Sneha Burdack	P	F	P	D	D.	P
27	23ESKEE079	Sourabh Poonia	F		Fo	8	P-	-
28	23ESKEE080	Sparsh Rastogi	P	0	P	0	P	P
29	23ESKEE081	Srishti Gupta	T T			0	0	P
30	23ESKEE084	Tanishk Yadav	P	P	P	0	1	P
31	23ESKEE086	Ujjawal Pushp	A	P	P	P	P	P
32	23ESKEE087	Updesh Jangid	P	P	P	P	P	P
33	23ESKEE089	Vishakha Sharma	P	P	P	· P	P	P
34	23ESKEE090	Vishal Yadav	P	P	P	P	P	P
35	23ESKEE091	Vivek Rathore	P	P	P	1.6	P	1
36	23ESKEE093	Yuvraj Singh Shekhawat	P	P	P	P	P	1
		Ronit	P	P	P	P	P	9
37								

10. GLIMPSES OF THE WORKSHOP













11. SAMPLE COPY OF CERTIFICATE



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur



Certificate of Participation

This is to certify that

RAJ KATARA

has participated in "One-week hands-on workshop for students in EV and Industry 4.0 Technologies" held from October 14th - 19th, 2024 organized by Department of Electrical Engineering and IE(I) Student Chapter at Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur.

Dr. S.L. Surana Director (Academics) SKIT, JAIPUR

Dr. R.K. Pachar Principal SKIT, JAIPUR Dr. Sarfaraz Nawaz Head, EE Dept. SKIT, JAIPUR

12. DAYWISE REPORT OF THE WORKSHOP:-

One week on "EV and Industry 4.0 Technologies" was organized by Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.

Key Personnel:

Dr. Sarfaraz Nawaz - Head of Department

Coordinators-

Dr. Prateek Kumar Singhal (Associate Professor)

Mr. Tarun Naruka (Associate Professor)

Mr. Vikas Mahala (Assistant Professor & Deputy Head)

Mr. Deepak Saini (Assistant Professor)

Day 1: Introduction to Electric Vehicles:

The workshop began with an overview of the schedule, setting the tone for the upcoming sessions. The session covered the important fundamentals of EV technology, emphasizing the environmental impact and the need for transitioning from conventional vehicles to electric alternatives. Participants were introduced to key concepts such as electric drivetrains, battery efficiency, and the role of EVs in reducing carbon emissions, laying a strong foundation for the rest of the workshop.

Day 2: Fundamentals of EV Design:

On the second day, the focus shifted to the technical aspects of EV design. Experts conducted detailed sessions on battery technology, discussing various types of batteries, their construction, and performance characteristics.

Participants learned about electric motors, power electronics, and the intricate relationship between different components in an EV system. A hands-on demonstration allowed attendees to examine key EV components, enhancing their practical understanding. This day provided a deep dive into the core engineering principles behind EVs, equipping participants with essential knowledge about EV architecture.

Day 3: Charging Infrastructure:

Day three addressed the critical topic of EV charging infrastructure. Participants attended a comprehensive session on the different types of charging stations, including slow chargers, fast chargers, and superchargers. The discussions highlighted the importance of developing robust charging networks to support the growing EV market. A practical demonstration showcased the setup and operation of charging systems, offering participants firsthand experience with charging technologies. This session emphasized the challenges and solutions related to EV charging, fostering a broader understanding of infrastructure requirements.

Day 4: Policies and Market Trends:

The fourth day explored the policies and market trends influencing the EV sector. Participants learned about various government initiatives and policies aimed at promoting EV adoption in India. The session delved into the economic and environmental benefits of EVs, with discussions on subsidies, incentives, and regulatory frameworks. Industry experts joined a panel discussion, providing insights into the future of electric mobility and sharing real-world experiences. This day offered a comprehensive view of the evolving EV landscape, highlighting the role of policy and market forces in driving innovation.

Day 5: EV Simulation and Software:

On the fifth day, the workshop focused on EV simulation and software tools. Participants received training on advanced simulation software used in EV design and analysis. They engaged in real-time simulations, applying theoretical knowledge to practical scenarios. The interactive session allowed attendees to work collaboratively on designing their own EV models, fostering a hands-on learning environment. This day emphasized the importance of simulation in optimizing EV performance and addressing design challenges, preparing participants for future projects in electric vehicle development.

Day 6: Future Innovations and Conclusion:

The final day of the workshop highlighted future innovations in the EV industry. Participants presented their projects, showcasing the knowledge and skills they had acquired throughout the workshop. The session provided a platform for creative ideas and solutions, encouraging participants to think innovatively about the future of electric mobility. The day concluded with the distribution of certificates and a feedback session, where participants shared their experiences and suggestions. This closing session reinforced the workshop's impact, leaving attendees with a deeper understanding of EV technology and its potential to transform the automotive industry.

Feedback and Takeaways:

Participants shared their experiences, highlighting the knowledge and skills gained. Certificates were distributed to all attendees.

Conclusion:

The six-day Electric Vehicle Workshop proved to be a resounding success. It provided participants with valuable insights into EV technology and encouraged them to explore innovative solutions in the field of sustainable transportation.







A Report

on

D2O Construction Site Visit

9 April 2025



Organized by

IEI(EE) & IGBC Student Chapter,

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

D2O Construction Site Visit

Date, Time, and Venue of the event: - Oct 23, 2024, 09:00 AM – 02:00 PM, D2O Path, Shri Kishanpura, Jaipur

Level of the event: - College Level

Notice of the event: - D2O Construction Site Visit (IEI(EE) & IGBC Student Chapter)



Swami Keshvanand Institute of Technology, Management & Gramothan, Ramnagaria, Jagatpura, Jaipur-302017, INDIA

Approved by AICTE, Ministry of HRD, Government of India Affiliated to Rajasthan Technical University, Kota Recognized by UGC under Section 2(f) of the UGC Act, 1956 Tel.: +91-0141- 5160400 E-mail: info@skit.ac.in Web: www.skit.ac.in

(DEPARTMENT OF CIVIL ENGINEERING)

Ref. No. SKIT/CE/2024-25/

19/10/2024

NOTICE

We are glad to inform that a visit to the D2O head-office has been scheduled for 23 October 2024 (Wednesday) to explore their new sustainable construction project. This visit is organized under the framework of the Indian Green Building Council (IGBC) and will provide valuable insights into green building practices and sustainability in construction.

The teams for the visit will consist of:

- 10 students from the Civil Engineering Department,
- 10 students from the Electrical Engineering Department,
- 10 students from the Mechanical Engineering Department.

The college bus will leave the premises at 9:00 AM sharp. All participants are requested to assemble at the college's gate no. 2 by 8:45 AM.

All students are required to maintain strict discipline during the D2O visit; failure to do so will result in disciplinary action.

For any further details, contact the student coordinators of IGBC.

Azad Singh Rathore (3rd Year) - 6350013836, Harshit Pareek (3rd Year) - 8440890998

Mr. Gaurav Gupta Faculty Coordinator, IGBC Student Chapter Dr. D.K. Sharma, Head of Department, Civil Engineering

Dr. Sarfaraz Khan, Head of Department, Electric Engineering Dr. Dheeraj Joshi, Head of Department, Mechanical Engineering

Copy to

- 1. Director (Academics)
- 2. Principal
- 3. Dean
- All Faculty members
- All Notice Board
- NBA/NAAC File

Objective of the event: -

- > To understand the practical implementation of green building principles.
- > To observe sustainable construction and certification.
- > To explore modern technologies in green building construction.
- > To interact with industry professionals for insights into sustainable architecture.

Details (Execution): - Oct 23, 2024

Details/List of teacher coordinators: -

Sr. No.	Name of Teacher	Branch
1	Mr. Gaurav Gupta (Faculty Coordinator)	CE
2	Mr. Jitendra Singh	EE
3	Mr. Amit Kumar Bansal	ME

Details/List of Student Coordinators

Sr. No.	Name of Student	Branch
1	Mr. Azad Singh Rathore	CE
2	Mr. Harshit Pareek	CE
3	Ms. Sadaf Khan	EE

Details/List of student participants: -



IEI(EE) & IGBC STUDENT CHAPTER D20 HEADQUARTER VISIT ON 23-10-24



SR.NO	ROLL NO	NAME OF STUDENTS	BRNACH	YEAR	COLLAGE ID	CONTACT NO	ATTENDANCE
1	22ESKCE001	Aakib	CIVIL ENGINEERING	3rd	B221397	7230057035	Present
2	22ESKCE004	Aditi Sharma	CIVIL ENGINEERING	3rd	B220874	9079634173	Present
3	22ESKCE023	Azad Singh Rathore	CIVIL ENGINEERING	3rd	B220943	6350013836	Present
4	22ESKCE028	Deeksha Sharma	CIVIL ENGINEERING	3rd	B221496	9024020907	Present
5	22ESKCE041	Harshit Pareek	CIVIL ENGINEERING	3rd	B220952	8440890998	Present
6	22ESKCE047	Juned Khan	CIVIL ENGINEERING	3rd	B221255	9610173721	Present
7	22ESKCE050	Kanishka D.	CIVIL ENGINEERING	3rd	B221405	8955276701	Present
8	22ESKCE052	Kaushal Meena	CIVIL ENGINEERING	3rd	B220879	8529058592	Present
9	23ESKCE063	Mayank	CIVIL ENGINEERING	2nd	B230281	8619187558	Present
10	23ESKCE111	Sumit	CIVIL ENGINEERING	2nd	B230769	8905663112	Present
11	23ESKCE104	Shubham Aloria	CIVIL ENGINEERING	2nd	B231443	8875948310	Present
12	22ESKCE053	Kayanat	CIVIL ENGINEERING	3rd	B220514	8112236498	Present
13	23ESKCE0068	Naina	CIVIL ENGINEERING	2nd	B231282	6375133269	Present
14	22ESKCE063	Nupur	CIVIL ENGINEERING	3rd	B220641	8209753424	Present



IGBC STUDENT CHAPTER D20 HEADQUARTER VISIT ON 23-10-24



SR.N				YEA	COLLAGE	CONTACT	ATTENDANC
0	O ROLL NO	NAME OF STUDENTS	BRNACH	R	ID	NO	E
1	23ESKEE00 6	Akhil Khandelwal	ELECTRICAL ENGINEERIN G	2nd	B230785	6375515355	Present
2	-	Ankur singh	ELECTRICAL ENGINEERIN G	2nd	L240017	8290267239	Present
3	23ESKEE00 8	Anmol Soni	ELECTRICAL ENGINEERIN G	2nd	B231483	6350235461	Present
4	23ESKEE00 9	Aryan soni	ELECTRICAL ENGINEERIN G	2nd	B230963	6367182131	Present
5	23ESKEE01 5	bhumika khatri	ELECTRICAL ENGINEERIN G	2nd	b230778	7568360275	Present
6	23ESKEE01 8	Darshan Jangid	ELECTRICAL ENGINEERIN G	2nd	B230636	8209389246	Present
7	23ESKEE06 1	Raj katara	ELECTRICAL ENGINEERIN G	2nd	B231501	8302214701	Present
8	-	Ronit sharma	ELECTRICAL ENGINEERIN G	2nd	L240028	8239539865	Present
9	23ESKEE06 6	Sadaf khan	ELECTRICAL ENGINEERIN G	2nd	B230455	9460041796	Present
10	23ESKEE08 4	Tanishk Yadav	ELECTRICAL ENGINEERIN G	2nd	B231508	8279215541	Present



IGBC STUDENT CHAPTER D2O HEADQUARTER VISIT ON 23-10-24



SR.N O	ROLL NO	NAME OF STUDENTS	BRNACH	YEA R	COLLAGE ID	CONTACT NO	ATTENDANC E
1	22ESKME00 1	Abhishek Kulariya	MECHANICAL ENGINEERIN G	3rd	B220808		Present
2	22ESKME03 0	Manish	MECHANICAL ENGINEERIN G	3rd	B221385		Present
3	22ESKME02 4	Khushi Ram	MECHANICAL ENGINEERIN G	3rd	B221496		Present
4	22ESKME00 8	Arin Arora	MECHANICAL ENGINEERIN G	3rd	B220691		Present
5	22ESKME01 3	Dharamraj Jat	MECHANICAL ENGINEERIN G	3rd	B221382		Present
6	22ESKME01 8	Hardik Babbar	MECHANICAL ENGINEERIN G	3rd	B220532		Present
7	22ESKME02 0	Irfan Khan	MECHANICAL ENGINEERIN G	3rd	B221139		Present
8	22ESKME02 8	Mahesh Jat	MECHANICAL ENGINEERIN G	3rd	B221131		Present
9	22ESKME03 3	Nilesh Raghav	MECHANICAL ENGINEERIN G	3rd	B220810		Present
10	22ESKME03 4	Nitish Gupta	MECHANICAL ENGINEERIN G	3rd	B221484		Present
11	22ESKME03 8	Rahul Sharma	MECHANICAL ENGINEERIN G	3rd	B221387		Present
12	22ESKME04 0	Shamsher	MECHANICAL ENGINEERIN G	3rd	B221178		Present
13	22ESKME01 7	Hana Kazi	MECHANICAL ENGINEERIN G	3rd	B221048		Present
14	23ESKME20 0	Anshu Kumari Sarsunia	MECHANICAL ENGINEERIN G	3rd	L230018		Present
15	23ESKME20 3	Ravi Kumar	MECHANICAL ENGINEERIN G	3rd	L230003		Present

Photos of event: -















Signature of Event Coordinator:

Mr. Jitendra Singh Faculty Coordinator, (IEI(EE) student Chapter)



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY MANAGEMENT & GRAMOTHAN, JAGATPURA, JAIPUR



Date: 20/11/2024

Institution of Engineers India, Student Chapter

SKIT_IEI/2023/03

NOTICE

KYC 4.0

The Institute of Engineers Student Chapter, SKIT is going to organize "Know Your College 4.0 – The Solar Power Plant Visit" (KYC 4.0). This event will give you the insights of the Solar Power Plants installed in our institution. All the interested student are requested to attend this event.

Participation certificates will be provided.

DATE	25 November 2024
TIME	1:45 PM
VENUE	7F:EE-LAB 14 and terrace (Civil Block)

Student Coordinator: -

Raj Katara - 8302214701 **Sadaf Khan -** 9460041796

Faculty Coordinator: -

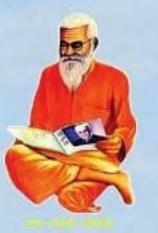
Mr. Jinendra Rahul ,,,,,,,Asst. Prof., EE Dept.

IEISC Coordinator

Mr. Jitendra Singh Asst. Prof., EE Dept. IEISC Coordinator



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur



THE INSTITUTE OF ENGINEERS STUDENT CHAPTER

Organizing

"Know your college 4.0 - The solar power visit"

Join us as we explore how these state-of-the-art panels contribute to our campus's energy needs while fostering a culture of eco-consciousness and inspiring the next generation of green innovators!

Participations certificate will be Provided

(Register now)

Date: November 25, 2024

Tirne:1:45

Venue: 7F:EE-Lab 14 and terrace (civil block)



Faculty Coordinator:

Mr. Jitendra Singh (9314557275)

Mr. Jinendra Rahul (9530098449)

Student Coordinator:

Ms. Sadaf Khan (9460041796)

Mr. Raj Katara (8302214701)

KYC 4.0 Certificate List

Date: 25.12.2024

Certificate No.	Name
1	Abhijeet Kumar Singh
2	Adarsh Bhardwaj
3	Aditya Raj
4	Akhil Moga
5	Ankur Singh
6	Ansh Khandelwal
7	Anubhav Pareek
8	Aryan Pareek
9	Aryan Sharma
10	Ashok Kumar Yadav
11	Ashutosh Tak
12	Darshan Jangid
13	Darshana Jangid
14	Deepak Kumar Das
15	Deepak Swami
16	Deepesh Kumar
17	Devender Saini
18	Devraj Saini
19	Dhristi Saxena
20	Divyansh Tiwari
21	Diwakar Yadav
22	Harsh Kumar
23	Harshit Agrawal
24	Harshit Verma
25	Harshvardhan Singh Sisodiya
26	Himanshu Sharma
27	Ishaan Parashar
28	Jagveer Singh
29	Jitendar Kumar Shah
30	Jitesh Kumawat
31	Kashish Chandel
32	Khushi Khandelwal
33	Kuldeep Upadhyay
34	Lalit Kumar
35	Madhav Kumar
36	Manish Kumar

Certificate	Date: 25.12.2024	
No.	Name	
37	Mohammed Jayed	
38	Mohit Kumar	
39	Mohit Sharma	
40	Nagesh Bairwa	
41	Navratan Sharma	
42	Nitesh Prajapat	
43	Ojal Singh	
44	Panchi Jain	
45	Pankaj Sagar	
46	Parsa Ram	
47	Pradeep Singh Rajawat	
48	Prakhar Shrivastava	
49	Rahul Meena	
50	Raj Katara	
51	Rehan Yadav	
52	Ronit Sharma	
53	Rupesh Agarwal	
54	Sachin Poonia	
55	Sadaf Khan	
56	Sahil Singh	
57	Sammep Bhatia	
58	Sanjay Kumar	
59	Saurabh Poonia	
60	Shivam Jangid	
61	Sneha	
62	Subham Ahmed	
63	Suman Shekhar	
64	Tanishk Yadav	
65	Ujjawal Pushp	
66	Updesh Jangid	
67	Vikas Junjadiya	
68	Vishal Yadav	
69	Yash Gwlahi	
70	Yash Mittal	
71	Yashvardhan Singh	
72	Yatharth Gaur	



Swami Keshavanand Institute of Technology, Management & Gramothan, Jaipur



SKIT/EE/IEI/2024-25/001

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Alhijeel Kumar fingh

for (participating) in event **Know Your Ćollege** (**KYC 4.0**): **Solar Power Plant visit at SKITM&G, Jaipur** organised By IEI Student Chapter, Department of Electrical Engineering, SKITM&G, Jaipur held on 25, Nov, 2024. We appreciate his/her commendable & proactive performance during the visit.

JINENDRA RAHUL
IEISC Faculty Coordinator

JITENDRA SINGH
IEISC Faculty Coordinator

SARFARAZ NAWAZ Head, EE Department





SKIT/EE/IEI/2024-25/002

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Hdarsh Bhardwaj

for (participating) in event **Know Your College** (**KYC 4.0**): **Solar Power Plant visit at SKITM&G, Jaipur** organised By IEI Student Chapter, Department of Electrical Engineering, SKITM&G, Jaipur held on 25, Nov, 2024. We appreciate his/her commendable & proactive performance during the visit.

JINENDRA RAHUL
IEISC Faculty Coordinator

JITENDRA SINGH
IEISC Faculty Coordinator

SARFARAZ NAWAZ Head, EE Department





SKIT/EE/IEI/2024-25/003

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Hditya Raj

for (participating) in event **Know Your College** (**KYC 4.0**): **Solar Power Plant visit at SKITM&G, Jaipur** organised By IEI Student Chapter, Department of Electrical Engineering, SKITM&G, Jaipur held on 25, Nov, 2024. We appreciate his/her commendable & proactive performance during the visit.

JINENDRA RAHUL
IEISC Faculty Coordinator

JITENDRA SINGH IEISC Faculty Coordinator SARFARAZ NAWAZ Head, EE Department





SKIT/EE/IEI/2024-25/004

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Ahhil Moga

for (participating) in event **Know Your College** (**KYC 4.0**): **Solar Power Plant visit at SKITM&G**, **Jaipur** organised By IEI Student Chapter, Department of Electrical Engineering, SKITM&G, Jaipur held on 25, Nov, 2024. We appreciate his/her commendable & proactive performance during the visit.

JINENDRA RAHUL
IEISC Faculty Coordinator

JITENDRA SINGH IEISC Faculty Coordinator SARFARAZ NAWAZ

Head, EE Department





SKIT/EE/IEI/2024-25/005

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Anhur Singh

for (participating) in event **Know Your College** (**KYC 4.0**): **Solar Power Plant visit at SKITM&G**, **Jaipur** organised By IEI Student Chapter, Department of Electrical Engineering, SKITM&G, Jaipur held on 25, Nov, 2024. We appreciate his/her commendable & proactive performance during the visit.

JINENDRA RAHUL
IEISC Faculty Coordinator

JITENDRA SINGH
IEISC Faculty Coordinator

SARFARAZ NAWAZ Head, EE Department





SKIT/EE/IEI/2024-25/071

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Yashvardhan fingh

for (participating) in event **Know Your College** (**KYC 4.0**): **Solar Power Plant visit at SKITM&G**, **Jaipur** organised By IEI Student Chapter, Department of Electrical Engineering, SKITM&G, Jaipur held on 25, Nov, 2024. We appreciate his/her commendable & proactive performance during the visit.

JINENDRA RAHUL
IEISC Faculty Coordinator

JITENDRA SINGH
IEISC Faculty Coordinator

SARFARAZ NAWAZ Head, EE Department





SKIT/EE/IEI/2024-25/072

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

for (participating) in event Know Your College (KYC 4.0): Solar Power Plant visit at SKITM&G, Jaipur organised By IEI Student Chapter, Department of Electrical Engineering, SKITM&G, Jaipur held on 25, Nov, 2024. We appreciate his/her commendable & proactive performance during the visit.

JINENDRA RAHUL IEISC Faculty Coordinator

JITENDRA SINGH IEISC Faculty Coordinator SARFARAZ NAWAZ

Head, EE Department

Feedback Details

S. No.	Name of Participant	Year	Branch	Overall, how entertainin g was the event?	Overall, how was the content of the event?	After the event, how inspired did you feel?	Do you feel the day provided value for Time?	Any suggestions / Remarks
1	Abhijeet Kumar Singh	III	EE	10	10	10	9	Nice visit
2	Adarsh Bhardwaj	III	EE	10	9	9	9	
3	Aditya Raj	III	EE	7	9	8	6	No
4	Akhil Moga	III	EE	9	9	10	10	Nice event
5	Ankur Singh	III	EE	10	10	10	10	Nice visit
6	Ansh Khandelwal	III	EE	9	8	10	9	
7	Anubhav Pareek	III	EE	10	10	10	10	
8	Deepak Kumar Das	III	EE	7	9	10	10	Nice visit
9	Deepak Swami	III	EE	10	9	10	10	No comments
10	Deepesh Kumar	III	EE	10	10	10	9	
11	Devender Saini	III	EE	10	9	9	9	Nice event
12	Devraj Saini	III	EE	7	9	8	6	
13	Dhristi Saxena	III	EE	9	9	10	10	It was good
14	Harsh Kumar	III	EE	7	7	6	5	
15	Harshit Agrawal	III	EE	10	10	10	10	Nice event
16	Harshit Verma	III	EE	9	8	10	9	no
17	Harshvardhan Singh Sisodiya	III	EE	9	10	8	10	Nice event
18	Himanshu Sharma	III	EE	10	10	9	10	
19	Ishaan Parashar	III	EE	10	10	10	10	
20	Jagveer Singh	III	EE	10	10	10	10	

S. No.	Name of Participant	Year	Branch	Overall, how entertainin g was the event?	Overall, how was the content of the event?	After the event, how inspired did you feel?	Do you feel the day provided value for Time?	Any suggestions / Remarks
21	Jitendar Kumar Shah	III	EE	10	10	9	10	It was good
22	Khushi Khandelwal	III	EE	10	10	10	9	No
23	Kuldeep Upadhyay	III	EE	8	9	8	8	No
24	Lalit Kumar	III	EE	6	6	5	5	Nice event
25	Madhav Kumar	III	EE	10	10	10	10	
26	Manish Kumar	III	EE	9	8	9	8	
27	Ojal Singh	III	EE	8	10	9	5	
28	Panchi Jain	III	EE	8	8	9	7	Nice event
29	Pankaj Sagar	III	EE	9	8	5	5	
30	Suman Shekhar	III	EE	10	7	6	6	
31	Tanishk Yadav	III	EE	7	10	5	8	good
32	Ujjawal Pushp	III	EE	10	10	9	9	Nice visit





INSTITUTION OF ENGINEERS STUDENT CHAPTER

Photos









INSTITUTION OF ENGINEERS STUDENT CHAPTER







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INSTITUTION OF ENGINEERS STUDENT CHAPTER









Institution of Engineers India, Student Chapter

"Report on KYC 4.0"

Date: 25/11/2024

The Institute of Engineers Student Chapter, Electrical Engineering Department, SKIT organized "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 organised under the guidance of Mr. Jitendra Singh (Assistant Professor, Electrical Engineering Dept., SKIT), Mr. Jinendra Rahul (Assistant Professor, Electrical Engineering Dept., SKIT) and technical support provided by Mr. Mahesh Kumar Rathodiya (Senior Technical Assistant, Electrical Engineering Dept., SKIT). Student coordinators are Ms. Sadaf Khan, Mr. Raj Katara. It was a visit of Solar Power Plant installed on the terrace of SKIT. This event will give you insightful visit focused on exploring the institute's solar power infrastructure and understanding how renewable energy technologies contribute to sustainable campus operations. In this event 72 participants were attended. These participants were divided into different batches.

The event begins from the Energy system lab (7F:EE-Lab14), here, faculty gave information about the solar power plant and solar energy to all the attendees. Students also got the knowledge about the various measurements in PV system. After getting the knowledge of all around PV system, students visited the 400 kW rooftop solar power plant at SKIT M&G, Jaipur.

During the visit, students were introduced to the state-of-the-art solar panels installed on the terrace of the Civil Block. These panels play a significant role in reducing the institute's dependency on conventional energy sources while contributing to a cleaner and greener environment. Participants gained insights into the solar power system's components, including photovoltaic (PV) cells, inverters, and the energy distribution network.

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.

Key Features Discussed During the Visit:

1. Solar Panel Design and Placement: Optimal positioning to maximize energy output.



Institution of Engineers India, Student Chapter

- 2. Energy Monitoring: Use of centralized energy distribution to ensure efficient utilization.
- 3. Eco-Friendly Impact: Reduction in carbon emissions and dependence on fossil fuels.
- 4. Future Prospects: The importance of renewable energy systems for campuses and industries.

The visit successfully encouraged students to consider solar power as a feasible and essential solution for achieving energy independence and sustainability. It fostered awareness about the role of electrical engineers in promoting green innovations. The event concluded with participants receiving certificates of participation, underscoring their engagement and learning.

In the last, attendees filled feedback form and thanked the Student Chapter for the conduction of (KYC 4.0). In this way, the event lasted up to 3:30 PM.

Gratitude is extended to EE Department, SKIT, Jaipur for organizing this visit and providing valuable insights into the technology.

Coordinators:

Faculty Coordinators: Mr. Jitendra Singh, Mr. Jinendra Rahul

Student Coordinators: Ms. Sadaf Khan, Mr. Raj Katara









A Report

On

Knock the G.AT.E.

17 February 2025



Organized by

IEI Student Chapter (EE),

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Knock the G.AT.E. Report

Name of the event: - Knock the G.A.T.E.

Date of the event: - 17th February 2025

Time of the event: - 10 A.M. to 12.30 P.M.

Venue of the event: - Kautilya Hall

Level of the event: - Institute-level

The event detail: -

The event **"Knock the G.A.T.E."** was successfully organized as part of Pravah 2025 on 17th February 2025 at Kautilya Hall, SKIT Jaipur. The objective of the event was to provide students with an opportunity to assess their GATE (Graduate Aptitude Test in Engineering) preparedness through expert guidance and a structured evaluation.

The event was divided into two key segments:

1. Expert Session by Made Easy coaching

the event commenced with a guest lecture by experienced faculty from Made Easy, a leading institute for GATE preparation. The experts shared valuable insights on:

- A. The importance of the GATE exam for higher education and career opportunities.
- B. Effective study strategies for different subjects.
- c. Time management techniques to maximize efficiency during the exam.
- D. Common mistakes students should avoid while preparing and attempting the test. The interactive session allowed students to clarify their doubts and gain a deeper understanding of the exam pattern and syllabus.

2. Written test (MCQ based)

After the expert session, participants appeared for a pen-paper test designed to simulate the GATE exam environment. The test covered various topics relevant to the syllabus, enabling students to analyze their strengths and areas for improvement.

The event witnessed enthusiastic participation from students across different engineering disciplines. Prizes worth ₹11,000 were awarded to the top performers. The event was appreciated by attendees, as it provided them with practical knowledge and self-assessment opportunities to enhance their GATE exam preparation.

Event brochure or banner: -



Objective of the event: -

The primary objective of "Knock the G.A.T.E." was to provide students with a structured platform to enhance their preparation for the GATE (Graduate Aptitude Test in Engineering) exam. The event aimed to:

- 1. Provide Expert Guidance Offer students valuable insights into GATE preparation strategies through a session conducted by experts from Made Easy Coaching.
- 2. Familiarize Students with Exam Patterns Help students understand the GATE exam format, marking scheme, and subject-wise weightage.
- 3. Assess Readiness through a Test Conduct a pen-paper test to evaluate participants' knowledge, identify strengths and weaknesses, and simulate the actual exam experience.
- 4. Enhance Problem-Solving Skills Encourage students to develop a strategic approach to answering questions within a time limit.
- 5. Boost Confidence and Motivation Recognize and reward top performers with prizes worth ₹11,000, inspiring students to strive for excellence.

The event was designed to bridge the gap between theoretical learning and practical application, equipping students with the necessary skills and confidence to excel in the GATE exam.

Details (Execution): -

The "Knock the G.A.T.E." event, organized as part of Pravah 2025, was held on 17th February 2025 at Kautilya Hall, SKIT Jaipur. The event was structured into two main phases:

1. Expert Session by Made Easy

The event commenced at 10:00 AM with an expert session by renowned faculty from Made Easy Coaching, a premier institute specializing in GATE preparation. The experts covered various aspects, including:

- 1. Significance of GATE Career opportunities in higher education, PSU jobs, and research fields.
- 2. Preparation Strategies Effective study plans, time management, and topic-wise approach.

- 3. Common Challenges & Solutions Addressing exam pressure, negative marking, and subject prioritization.
- 4. Live Q&A Students engaged in a question-answer session, where doubts were clarified by the experts.

This session provided participants with in-depth knowledge and practical techniques to refine their GATE preparation.

2. MCQ based test

Following the expert session, a pen-paper test was conducted to evaluate students' preparedness. The test included:

- 1. 30 multiple choice based questions, covering key topics from core engineering subjects.
- 2. Time-bound assessment to simulate real GATE exam conditions.
- 3. Instant feedback and analysis, allowing students to identify their strengths and areas of improvement.

3. Results and Award Distribution

After evaluating the test responses, the top-performing students were announced and rewarded with prizes worth ₹11,000. The winners were felicitated by faculty members, encouraging students to strive for excellence in competitive exams.

The event concluded successfully at 12:40 PM, receiving positive feedback from participants, who found it highly informative and beneficial for their GATE exam preparation.

Details of faculty coordinators: -

Sr. No.	Name of teacher	Department
1	Mr. Jitendra Singh	Electrical Engineering
2	Mr. Jinendra Rahul	Electrical Engineering

Details of student coordinators and volunteers: -

Sr. No.	Name	Univ. Roll no	Year	Branch
1	Darshan Jangid	23ESKEE018	II	Electrical
2	Sadaf Khan	23ESKEE066	II	Electrical
3	Tanishk Yadav	23ESKEE084	II	Electrical

Details of student participants: -

Sr. No.	Name	Univ. Roll no.	Year	Branch
1	Avani Shrimali	23ESKCA025	II	AI
2	Arpita Chandra	23ESKCA018	II	AI
3	Ajay raj	23ESKCE010	II	CE
4	Dhairya sharma	22MGT2BB050	III	-
5	Kunal Sharma	2450170	III	-
6	Udisha Narayan	24ESKCS946	I	CS
7	Harsh Gautam	24ESKCS141	I	CS
8	Shreya saxena	24ESKIT162	I	IT
9	Rahul	23ESKEE060	II	EE
10	Pulkit Sharma	23ESKEE057	II	EE
11	Sourabh Poonia	23ESKEE079	II	EE
12	Manish	23ESKCS135	II	CS
13	Manas Agrawal	24ESKCS198	I	CS
14	Surbhi gaur	220140	III	-
15	Chinmaya Talwar	24ESKCI012	I	CI
16	Ruchika saini	24ESKCI044	I	CI
17	Rakshita Jain	24ESKCI042	Ι	CI
18	Prathmesh Narwaria	24ESKEC062	I	EC
19	Harsh Vardhan Singh	23ESKEE030	II	EE
20	Khwahish Rogha	B240330	I	
21	Luv kumar	23ESKEE042	II	EE
22	Devesh sharma	24ESKEC019	I	EC
23	Kunal sharma	2450170	III	_
24	Shriya JB	24ESKCS918	I	CS
25	Mohit Jarwal	21ESKEE040	IV	EE
26	Divya Jain	21ESKEE018	IV	EE
27	Ankita Jangir	21ESKEE006	IV	EE
28	Diya Rongali	24ESKEC024	I	EC
29	Mohammed fardeen	21ESKEE039	IV	EE
30	Akshita Agarwal	23ESKEE007	II	EE
31	Megha sharma	23ESKEE050	II	EE
32	Diwakar	23ESKEE025	II	EE
33	Deepanshu Suleja	23ESKEE023	II	EE
34	Aditya Sharma	23ESKIT013	II	IT
35	dikshant paliwal	24ESKEC021	I	EC
36	Shahaan Khan	20ESKEE127	IV	EE
37	Shanai shamim	24ESKCA113	I	AI
38	Kunal sundesha	22ESKEE041	III	EE
39	Naman Goyal	24ESKCA088	I	AI
40	Lakshay khandelwal	24ESKCA079	I	AI
41	Sajal Singhal	24ESKIT148	I	IT
41 42	Mohit	24ESKIT148 22ESKEE049	III	EE
42	Harsh	23ESKEE049 23ESKEE028	III	EE EE
43		23ESKEE028 23ESKEE048		EE EE
44	Nishank Choudhary	ZJESNEEU48	II	EE

45	Prince Goyal	23ESKCX084	II	CS
46	Akshat puri	22ESKEE007	III	EE
47	Tanmay	23ESKCS828	II	CS
48	Abhishek	24ESKIT003	I	IT
49	Manmeet Singh Yadav	22ESKCA066	III	CA
50	_	22ESKCA000 22ESKCA067	III	CA
51	Mannat pangotra	22ESKEE045		
	Lokendra singh Abhinav Sharma	23ESKCA002	III	EE
52			II	CA
53	Vaibhav Kumawat	22ESKEE075	III	EE
54	Hemant saini	24ESKCE037	I	CE
55	Rishav Singh	24ESKIT135	I	IT
56	Pradeep singh Rajawat	23ESKEE054	II	EE
57	Mandeep Singh	24ESKIT093	I	IT
58	Sanidhya jangid	22ESKEE064	III	EE
59	Aryan Batra	24ESKCS062	I	CS
60	Jitesh Kumawat	23ESKEE038	II	EE
61	Kanishka Dhammapriya	22ESKCE050	III	CE
62	Subhan Ahmed	23ESKEE082	II	EE
63	Chhavi Panwar	23ESKEE017	II	EE
64	Uday Sharma	24ESKEE071	I	EE
65	jagaveer singh	24ESKEE025	I	EE
66	Parsa Ram	24ESKEE048	I	EE
67	Himanshu Sharma	24ESKEE024	I	EE
68	Harsh Jangid	24EsKEE021	I	EE
69	Hardik Parihar	23ESKME017	II	ME
70	Divanshu singh	23ESKME015	II	ME
71	Chetan Sanam	23ESKME010	II	ME
72	Deepali Gupta	23ESKIT044	II	IT
73	Lakshya Duddy	24ESKME022	I	ME
74	AYUSH JAAT	24ESKCS076	I	CS
75	Srishti Gupta	23ESKEE081	II	EE
76	Ankit Tanwar	23ESKIT020	II	IT
77	Bhumika khatri	23ESKEE015	II	EE
78	Raghav	24ESKCD092	I	CD
79	Darshana Jangid	23ESKEE019	II	EE
80	Pawan bairwa	23ESKEE052	II	EE
81	Huzaif Ahmed Khan	24ESKCS160	I	CS
82	Vaibhav Gupta	22ESKCA119	III	CA
83	<u> </u>	23ESKEE050	II	EE
83	Ojal singh Anuj kanchal	23ESKEE030 21ESKEE007	IV	EE
	-			
85	Krishna Gupta	24ESKCE054	I	CE
86	Himanshu Jain	24ESKCS150	I	CS
87	Shivam Gupta	21ESKEE071	IV	EE
88	Suhana Bhati	23ESKEC083	II	EC
89	Kartik Meena	23ESKEE039	II	EE
90	Shamel Khan	23ESKCS801	II	CS
91	Arzoo	24ESKIT031	I	IT
92	Sudhanshu jangid	22EVJCS1012	III	CS
93	Naveen Jangid	22EVJCS065	III	CS

94	Drishti Saxena	23ESKEE026	II	EE
95	Abhishek Sharma	23ESKEE003	II	EE
96	Ashok Kumar	23ESKEE012	II	EE
97	Nishchay Parashar	21ESKEE044	IV	EE
98	Rakesh Swami	21ESKEE059	IV	EE
99	Harsh Jain	21ESKCA049	IV	CA
100	Deepak Choudhary	23ESKEE020	II	EE
101	Aryan Soni	23ESKEE009	II	EE
102	Harshit Kumawat	21ESKCA050	IV	CA

Feedback of event: -

The event "Knock the G.A.T.E.", held as part of Pravah 2025, received highly positive feedback from both participants and faculty members.

I. Student Feedback:

- 1. Informative and Insightful Students appreciated the expert session by Made Easy Coaching, as it provided valuable preparation strategies, time management techniques, and subject-wise guidance.
- 2. Exam Simulation Experience The MCQ based test was praised for closely resembling the actual GATE exam, helping students assess their knowledge, manage time efficiently, and identify weak areas.
- 3. Doubt Resolution The interactive Q&A session allowed students to clarify doubts, making them feel more confident about their preparation.
- 4. Competitive Spirit The reward system with prizes worth ₹11,000 motivated participants to perform better.

II. Faculty and Organizing Team Feedback:

- 1. The event was well-organized and executed smoothly, with active participation from students across multiple disciplines.
- 2. The collaboration with Made Easy Institute proved beneficial, as students received expert insights from experienced professionals.
- 3. The test evaluation and feedback system helped students identify key improvement areas.

Overall, the event was considered a successful initiative in helping students prepare effectively for GATE, and many attendees expressed interest in similar sessions in the future.

Details of winners/prize distribution: -

Sr. no.	Name	Univ. Roll no.	Year	Branch	Position
1	Yashika Aggarwal		IV	CS	I
2	Tanishka Yadav		IV	CS	I
3	Naveen Jangid		III	CS	II
4	Sourabh Poonia		II	EE	III

Glimpses of event: -





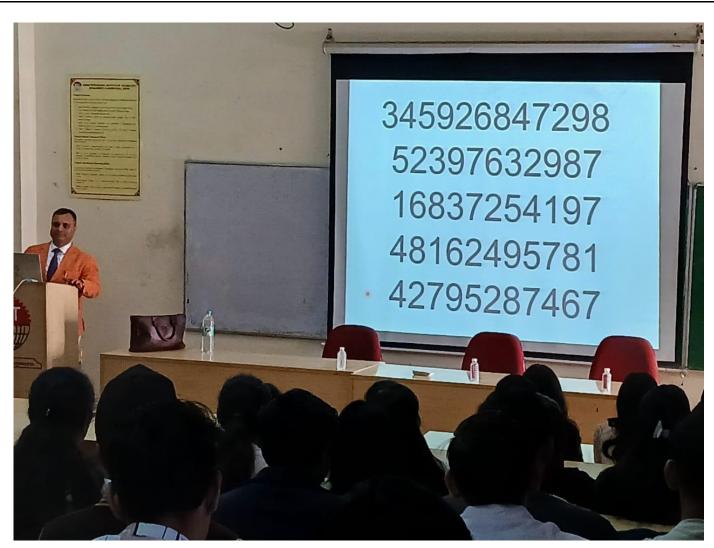


















News of the event: -

Knock the G.A.T.E. Event Held at SKIT Jaipur

Jaipur, 17th February 2025 – As part of Pravah 2025, "Knock the G.A.T.E." was successfully conducted at SKIT Jaipur, providing students with expert guidance and a simulated GATE exam experience.

Experts from Made Easy Coaching delivered insightful sessions on exam strategies, time management, and subject-wise preparation, followed by an interactive Q&A session. A penpaper 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.

With overwhelming positive feedback, the event proved to be a valuable initiative for GATE aspirants, motivating students to enhance their preparation and strive for excellence.

Collage of the event: -













































At	Daushan
Jitendra Singh	Darshan Jangid
Faculty coordinator(s)	Student coordinator(s)







A Report on

Project Expo

9 April 2025



Organized by

IEI Student Chapter (EE),

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

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1. About SKIT: -

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), inspired from the learnings of Swami Keshvanand, was established in the year 2000 by Technocrats and Managers Society for Advanced Learning. Today, the Institute is recognized as one of the centers of academic excellence in Northern India. The Institute is affiliated to Rajasthan Technical University, Kota for offering Ph. D., Postgraduate and Graduate Courses in Engineering and Management.

Located in the Pink City Jaipur, which is a blend of traditional history and modern outlook, SKIT is putting in efforts for making industry ready engineers and managers through effective Industry –Institute Interface. Apart from University curriculum, SKIT also pursues activities for research and development in various fields.

The green landscaping, aesthetic elegance of arches and the vibrant pursuit of knowledge by the young aspirants make the environment serene, pleasant and dynamic. Students joining the institute share the box full of opportunities for professional and personal development through an environment of practical orientation, industrial interaction and student led activities which help the students to develop good communication skills, integrated personality and greater competitive spirit.

Our Inspiration

"Mass illiteracy is the root cause behind backwardness of India. If we want speedy progress of nation, we need to root it out as early as possible."

- Swami Keshvanand

Vision

To promote higher learning in advanced technology, management skills and industrial research to make our country a global player.

Mission

To promote quality education, training and research in field of Engineering & management by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students.

Quality Policy

We are committed to 'achievement of quality' as an integral part of our institutional policy by continuous self-evaluation and striving to improve ourselves. Institute would pursue quality in

- All its endeavours like admissions, teaching- learning processes, examinations, extra and co-curricular activities, industry institution interaction, research & development, continuing education, and consultancy.
- Functional areas like teaching departments, Training & Placement Cell, library, administrative office, accounts office, hostels, canteen, security services, transport, maintenance section and all other services."

2. Event Notice:-



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY MANAGEMENT & GRAMOTHAN, JAGATPURA, JAIPUR



Date: 15/03/2025

Institution of Engineers India, Student Chapter

SKIT_IEI/2025/03

NOTICE

Project Expo-25

The Institute of Engineers Student Chapter, SKIT is going to organize "Project Expo-25" (a national-level hardware project competition). This event will provide a platform for engineering students to exhibit their innovation. It is scheduled on 09 April 2025 at SKIT Jaipur from 10:30 a.m. onwards. It will be held in two rounds (Shortlist round and Expo round).

Participation certificate will be given to all those who are qualified for the second round.

DATE	09 April 2025
TIME	10:30 AM onwards
VENUE	Badminton court (Civil Block)

Student Coordinator: -

Sadaf Khan- 9460041796 **Darshan Jangid-** 8209389246

Faculty Coordinator: -

Mr. Jinendra Rahul Asst. Prof., EE Dept. IEISC Coordinator Mr. Jitendra Singh Asst. Prof., EE Dept. IEISC Coordinator

3. Committee for the Event: -

FACULTY COORDINATOR

Dr. Sarfaraz Nawaz, Head

Mr. Jitendra Singh, Assistant Professor

Mr. Jinendra Rahul, Assistant Professor

(Department of Electrical Engineering)

STUDENT COORDINATOR

Darshan Jangid (II Year)
Sadaf Khan (II Year)

TEAM

Mr. Raj Katara

Ms. Harshita Dhiman

Mr. Harsh Vardhan Singh

Ms. Darshana Jangid

Ms. Dhristi Saxena

Mr. Udai Singh

Ms. Bhumika Khatri

Ms. Srishti Gupta

Mr. Luv Kumar

Mr. Tanishk Yadav

Mr. Harshit Parihar

Mr. Raman Jangid

Mr. Mayank Yadav

Mr. Vishal Yadav

Mr. Shubham M

4. Details of the Event: -

EVENT OVERVIEW

IE(I) STUDENT CHAPTER, DEPARTMENT OF ELECTRICAL ENGINEERING IS PRIVILEGED TO ORGANIZE A PROJECT EXPO. PROJECT EXPO IS A PLATFORM THAT WILL HELP TO UNLEASH THE POTENTIAL OF THE STUDENTS. THE MAIN OBJECTIVE OF THE PROJECT EXPO IS TO BRING OUT THE STUDENT'S INNOVATION.

THE PROJECT EXPO IS SCHEDULED ON 09TH APRIL, 2025 AT SKIT JAIPUR FROM 10 A.M. TO 3 P.M. IT WILL BE HELD IN TWO ROUNDS: -

SHORTLIST ROUND

THIS ROUND IS CONDUCTED THROUGH AN ONLINE PLATFORM VIA GOOGLE FORMS. BASED ON YOUR PROJECT DETAILS, THE PROJECT WILL BE SHORTLISTED FOR THE EXPO ROUND BEFORE 04TH APRIL, 2025.

REGISTRATION FORM LINK FOR SHORTLIST ROUND https://forms.gle/PHUiMLVqkiJdzVCRA

EXPO ROUND

IN THIS ROUND, THE SHORTLISTED TEAMS GET A CHANCE TO SHOWCASE THEIR PROJECT IN THE PROJECT EXPO AT SKIT, JAIPUR ON 09TH APRIL, 2025

Registration Details

- Payment of Rs. 100 per person has to be made via a payment link given in the mail to the shortlisted teams.
- Payment screenshot has to be uploaded in the registration form.

Note:

- Participation certificate will be given to all those who are qualified for the expo round.
- Participants should bring all the necessary equipment required for the proper demonstration and execution of their project model.
- The decision of the judges is final and binding.
- The event will be held in hybrid mode. Online mode will be applicable for the students of outside Jaipur city only.

Guidelines

- Each team must have a minimum of
 2 and a maximum of 4 members.
- The team leader has to register on behalf of the group and mention the names of the rest of the members in the Google form for the event.
- The last date to register for the 1st round via Google form is 04th April.
- The team that is shortlisted for the second round has to pay Rs.100 per person as the registration fee.
- The competition is open to diploma, undergraduate, and postgraduate students only.
 - *All the participants must carry student ID cards.
 - *A team member can participate in only one project exhibit.

Rules & Regulations

- •The project must be displayed and demonstrated at the venue in the given time slot.
- A chart should be displayed containing the description of the project model.
- The outline of the chart can be as follows:
 - 1.Block diagram
 - 2. Working principle
 - 3. Advantages and Disadvantages
 - 4. Applications
 - 5. Future Scope
- •Teams will be given space for setting up their model/design at the venue.
- Only working models are accepted.

For More Queries, Contact: Sadaf Khan (9460041796) Darshan Jangid (8209389246)

5. Poster of the Event: -



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur



IE(I) Student Chapter Departement of Electrical Engineering Organizes

A NATIONAL LEVEL

PROJECT EXEQES

FOR HARDWARE PROJECTS ONLY

: APRIL 9, 2025

(1): 10 AM

: BADMINTON COURT, ELECTRICAL DEPARTMENT, SKIT CAMPUS, JAIPUR

REGISTER NOW



PRIZES WORTH ₹25,000

Faculty Coordinators :

Dr. Sarfaraz Nawaz Mr. Jinendra Rahul Mr. Jitendra Singh SPONSORED BY-



For more details visit- www.skit.ac.in

For any query contact: Sadaf Khan (9460041796) Darshan Jangid (8209389246)

6. Banner of the event:-



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur



IE(I) Student Chapter Departement of Electrical Engineering Organizes

A NATIONAL LEVEL



Faculty Coordinators: Mr. Jinendra Rahul Mr. Jitendra Singh SPONSORED BY-



For more details visit- www.skit.ac.in

For any query contact: Sadaf Khan (9460041796) Darshan Jangid (8209389246)

7. Objective of the Event:-

The main objectives of this event are:

- ➤ Showcase Innovation and Creativity
- Develop Technical Skills
- > Enhance Presentation Skills
- ➤ Improve Teamwork and Collaboration
- Gain Practical Experience.

8. Expected Outcome of the event: -

After attending this event, Participants will be able to:

- O1. Demonstrates practical knowledge, innovation, and technical ability.
- O2. Receives expert critiques for improving project quality and presentation.
- O3. Build connections for internships, jobs, and further studies.

The Event outcomes are mapped with the program outcomes indicators of the UG program.

The matrix is shown in Table 1:

Table 1: Mapping with BL level PO & PSO indicators

		The mapping with DD level 1 O & 1 50 mulea	
Outcomes	BL	PO Indicators	PSO Indicators
O1	L2	1.1.1, 1.1.2, 1.2.1, 1.3.1, 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.1, 2.2.2, 2.2.3, 2.2.4, 2.3.1, 2.3.2, 2.4.1, 2.4.2, 2.4.3, 2.4.4, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.2.1, 3.2.2, 3.2.3, 3.3.1, 3.3.2, 3.4.1., 3.4.2, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.2.1, 4.2.2, 4.3.1, 4.3.2, 4.3.3, 4.3.4, 5.1.1, 5.1.2, 5.2.1, 5.2.2, 5.3.1, 5.3.2, 6.1.1, 6.2.1, 7.1.1, 7.1.2, 7.2.1, 7.2.2, 8.1.1, 8.2.1, 9.1.1, 9.1.2, 9.2.1, 9.2.2, 9.2.3, 9.3.1, 10.1.1, 10.1.2, 10.1.3, 10.2.1, 10.2.2, 10.3.1, 10.3.2, 11.1.1, 11.1.2, 11.2.1, 11.3.1, 11.3.2, 12.1.1, 12.1.2, 12.2.1, 12.2.2, 12.3.1, 12.3.2.	1.1.1, 1.1.2, 1.1.3, 1.2.1, 2.1.1, 2.2.1, 2.2.2
O2	L2	1.1.1, 1.1.2, 1.2.1, 1.3.1, 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.1, 2.2.2, 2.2.3, 2.2.4, 2.3.1, 2.3.2, 2.4.1, 2.4.2, 2.4.3, 2.4.4, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.2.1, 3.2.2, 3.2.3, 3.3.1, 3.3.2, 3.4.1, 3.4.2, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.2.1, 4.2.2, 4.3.1, 4.3.2, 4.3.3, 4.3.4, 5.1.1, 5.1.2, 5.2.1, 5.2.2, 5.3.1, 5.3.2, 6.1.1, 6.2.1, 7.1.1, 7.1.2, 7.2.1, 7.2.2, 8.1.1, 8.2.1, 9.1.1, 9.1.2, 9.2.1, 9.2.2, 9.2.3, 9.3.1, 10.1.1, 10.1.2, 10.1.3, 10.2.1, 10.2.2, 10.3.1, 10.3.2, 11.1.1, 11.1.2, 11.2.1, 11.3.1, 11.3.2, 12.1.1, 12.1.2, 12.2.1, 12.2.2, 12.3.1, 12.3.2.	1.1.1, 1.1.2, 1.1.3, 1.2.1, 2.1.1, 2.2.1, 2.2.2

O3	L3	1.1.1, 1.1.2, 1.2.1, 1.3.1, 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.1, 2.2.2, 2.2.3, 2.2.4, 2.3.1, 2.3.2, 2.4.1, 2.4.2, 2.4.3, 2.4.4, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.2.1, 3.2.2, 3.2.3, 3.3.1, 3.3.2, 3.4.1., 3.4.2, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.2.1, 4.2.2, 4.3.1, 4.3.2, 4.3.3, 4.3.4, 5.1.1, 5.1.2, 5.2.1, 5.2.2, 5.3.1, 5.3.2, 6.1.1, 6.2.1, 7.1.1, 7.1.2, 7.2.1, 7.2.2, 8.1.1, 8.2.1, 9.1.1, 9.1.2, 9.2.1, 9.2.2, 9.2.3, 9.3.1, 10.1.1, 10.1.2, 10.1.3, 10.2.1, 10.2.2, 10.3.1, 10.3.2, 11.1.1, 11.1.2, 11.2.1, 11.3.1, 11.3.2, 12.1.1, 12.1.2, 12.2.1, 12.2.2, 12.3.1, 12.3.2.	1.1.3, 1.2.1,
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Table 2: Workshop Outcomes-PO-PSO mapping

											- I- I-	<u> </u>		
Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
O1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
O2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
О3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	3	3	3	3	3	3	3	3	3	3	3	3	3	3

9. Expenses of the Event: -

Name of Event: Project Expo-2025 Date of Event: 9 March 2025

S.No.	Bill No.	Details	Amount (rs.)	Paid /Unpaid
1	1	Printing items	2924 /-	Paid by imprest Amoun
	2	2 Bij Cooler	3000/-	Paid by imprest Amount
	3	Stationary items	1750/-	- do -
	4	Cosh Prize	4000/-	-do -
	5	Memento	3600/-	- do -
	6	Petral	200/-	- do
	7	Homovarium	2500/-	Paid by skit account
	18	TOTAL	18279 -	Paid

Name and Signature of Faculty Co-ordinator

10. List of Registered Candidates: -

S. No.	Name of team leader	Institute	Team Name	Project Title	No. of team members
1	Saniya Tanwar	Poornima College of Engineering	Empowerment Squad	Wearable Electronic Accessory for Women's Protection	4
2	Shraboni Bhattacharya	Government, ITI Banipark, JAIPUR	Remote Control Sensor	Remote Control Sensor	2
3	Shivin Shyam Kasat	SKIT M&G, Jaipur	Robocore	Spy vulture	3
4	Ankita Jangir	SKIT M&G, Jaipur	GreenWave	Density-Based Traffic Control System and Emergency Vehicle Detection Using Arduino	3
5	Armaan Mathew	SKIT M&G, Jaipur	Team Armaan	Wearable Health Monitoring System	5
6	Vidhi Ramnani	Poornima College Of Engineering	Binsense brigade.	Smart Waste Management System	4
7	Sumit Kumar Dixit	SKIT M&G, Jaipur	Nova	BMS	3
8	Gaurav Jaiswal	SKIT M&G, Jaipur	Team RCS	RCSITY	3
9	Sanskar tiwari	Jaipur national university	Volt avengers	Marx generator	4
10	Sachin Meena	SKIT M&G, Jaipur	Smart Electric Switch	GSM Based Smart Electric Switch	5
11	Anuj kanchal	SKIT M&G, Jaipur	Team Alpha	Smart Compression Bin Project	4
12	Navin Suthar	SKIT M&G, Jaipur	Tech Titans	IOT Based Smart Irrigation system	5
13	Sakashya	SKIT M&G, Jaipur	Players	Smart parking system	5
14	Palak	SKIT M&G, Jaipur	PKPM	Vertical Axis Wind Turbine With Inverter	4
15	Roshan nama	MNIT, Jaipur	Dram	Zbot	2
16	Priyanshu Sharma	SKIT M&G, Jaipur	The Wizard	Smart Wheelchair	5
17	Rahul Singh Panwar	SKIT M&G, Jaipur	LockSync Innovators	Smart Wifi Door Lock System	4
18	Harshul Goswami	SKIT M&G, Jaipur	Smart Solvers	Smart Ignition and Surveillance Device for Motor Vehicles	2
19	Rahul Gangwal	SKIT M&G, Jaipur	Tech titans	Guardian eye (Driving Assistance System)	5
20	Shreyash Sharma	SKIT M&G, Jaipur	Earth Savers	Recycling Carbon Dioxide: Ink Solutions for a Greener Planet	4

21	Ashish Mahawar	SKIT M&G, Jaipur	Solar- Powered Air Purifier	Solar-Powered Air Purifier with Air Quality Monitoring System	5
22	Utkarsh Jindal	SKIT M&G, Jaipur	Nitrous	Hexacopter	2
23	Kanishk Khandal	SKIT M&G, Jaipur	IOT-Based Power Factor Controller	IOT-Based Power Factor Controller	5
24	Rohit Kumar soni	SKIT M&G, Jaipur	SORT-O- MATIC	Bearing ball sorting machine	3
25	Nishchay parashar	SKIT M&G, Jaipur	The dynamo minds	Spring Mechanism that runs forever DIY Free Energy Generator.	5

11. List of teams selected for Expo Round: -

S. No.	Team Members Name	Name of College with Address	Project Title
1	Rahul Gangwal, Tanu Meena, Dushyant Sharma, Pradeep Badgoti, Rashi Chouhan	Swami Keshvanand Institute of Technology, Management and Gramothan	Guardian eye
2	Harshul Goswam, Kanishk jain	SKIT, Jaipur	Smart Ignition and Surveillance Device For Motor Vehicle
3	Arman Mathew, Hardik Verma, Deependra Singh, Ayush Gaur, Bhavya Singh	SKIT, Jaipur	Wearable Health Monitoring System
4	Palak, Khwaish Gupta, Mohit Jarwal, Pankaj Kumar Samota	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	Vertical Axis Wind Turbine With Inverter
5	Sachin Meena, Shreyansh Meena, Shankar Yogi, Ravi Kumar Meena, Shivam Tiwari	SKIT, Jaipur	GSM Based Smart Electric Switch
6	Anuj kanchal , Neeraj Godwal , Mohd. Fardeen , Keshav Gautam	SKIT, Jaipur	Smart Compression Bin Project
7	Rahul Singh Panwar, Ronak Kumar, Yash Agarwal, Sarthak Verma	SKIT, Jaipur	Smart Wifi Door lock system
8	Shraboni Bhattacharya, Rohitash Dhabas	Govt. ITI, Banipark, Jaipur	Remote control sensor
9	Navin Suthar, Aman Maru, Devesh Nagar, Kalpit Mathur, Kartikey Nehra	SKIT, Jaipur	IOT Based Smart Irrigation System
10	Saniya Tanwar, Paridhi Jain, Shriya Parihar, Suhani Mathur	Poornima College of Engineering	Wearable Electronic Jewellery for Women Protection
11	Vidhi Ramnani, Aditya Sanjay Trivedi, Bhanu Pratap Singh Rathore, Mohit Sain	Poornima College of Engineering	Smart Waste Management System
12	Ankita Jangir, Divya Jain, Khushi Nayak	Swami Keshwanand Institute of Technology, management and gramothan	Density Based Traffic control system and emergency vehicle Detection using arduino
13	Sakshya, saurabh pushp, yash Mina virendra singh rathor, Vivek singh	SKIT, Jaipur	Smart parking system
14	Roshan Nama, Aditi Srivastav	Malaviya National Institute of Technology Jaipur	DRAM

15	Shreyash Sharma, Sumit Sarsar	SKIT, Jaipur	"Recycling Carbon Dioxide: Ink Solutions for a Greener Planet"
16	Sumit Kumar Dixit, Utkarsh, Raghav, Tanmay	Skit, Jaipur	Battery management system
17	Aman Jangid , Kanishk Khandal , Harish Payal , Karan Mourya ,Naveen Ghosliya	SKIT Jaipur	IOT- Power Factor Controller
18	Priyanshu Sharma	SKIT M&G, Jaipur	Smart Wheelchair
19	Ashish Mahawar, Abhinav Shrivastava, Aditya Harsh, Devesh Sharma and Himanshu Choudhary	SKIT M&G, Jaipur	Solar-Powered Air Purifier with Air Quality Monitoring System
20	Nishchay Parashar, Himanshu Yadav, Harshit Sharma, Kailash Poonia and Badal Saini	SKIT M&G, Jaipur	Spring Mechanism that runs forever DIY Free Energy Generator.

12. List of winning teams in Expo Round: -

S. No.	Team Members Name	Name of College with Address	Project Title	Winning Position
1	Harshul Goswami, Kanishk Jain	SKIT, Jaipur	Smart Ignition and Surveillance Device For Motor Vehicle	I
2	Priyanshu Sharma, Rakesh Swami, Parag Saini, Pranshul Singh, and Radheshyam Sharma	SKIT M&G, Jaipur	Smart Wheelchair	II
3	Roshan Nama, Aditi Srivastav	Malaviya National Institute of Technology Jaipur	DRAM	III
4	Saniya Tanwar, Paridhi Jain, Shriya Parihar, Suhani Mathur	Poornima College of Engineering	Wearable Electronic Jewellery for Women's Protection	Consolation Prize

13. Glimpses of The Event: -









14. Group photo of the event







15. Sample Copy of Participant's Certificate:



Swami Keshvanand Institute of Technology Management & Gramothan, Jaipur



(An autonomous institute affiliated to Rajasthan Technical University, Kota) (Accredited with A++ Grade by NAAC)

CERTIFICATE OF PARTICIPATION

		V 30.		
S	KIT/IEI/2024-25			
	We proudly prese for presenting the	nt this to	of	
	and actively parti	cipating in "PROJEC"	Γ EXPO 2025", held on 09	•
			R, Department of Electricates, Management and Gra	0 0
The state of the s	endra Rahul	Mr. Jitendra Singh	Dr. Sarfaraz Nawaz	Dr. Ramesh Kr. Pachar
	of., EE Dept. Coordinator	Asst. prof., EE Dept. IEISC Coordinator	Head, EE Dept. SKIT, Jaipur	Principal SKIT, Jaipur

16. Sample Copy of Coordinator Certificate:



Swami Keshvanand Institute of Technology Management & Gramothan, Jaipur



(An autonomous institute affiliated to Rajasthan Technical University, Kota) (Accredited with A++ Grade by NAAC)

CERTIFICATE OF APPRECIATION

SKIT/IEI/2024-25

We proudly present this to

for their outstanding efforts and leadership as STUDENT COORDINATOR in the "PROJECT EXPO 2025", held on 09th April 2025, organized by IE(I) STUDENT CHAPTER, Department of Electrical Engineering, Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur.

Mr. Jinendra Rahul Asst. prof., EE Dept. IEISC Coordinator

Mr. Jitendra Singh Asst. prof., EE Dept. IEISC Coordinator **Dr. Sarfaraz Nawaz** Head, EE Dept. SKIT, Jaipur Dr. Ramesh Kr. Pachar Principal SKIT, Jaipur

17. News of Event:-

प्रोजेक्ट एक्सपो-25 में नवाचार प्रस्तुत



त्यपुर (मृदुल पत्रिका)। स्वामी केशवानद इस्टिट्यूट ऑफ़ टेक्नोलॉजी, मैनेजमेंट (एसके आईटी), जयपर में प्रोजेक्ट एक्सपो-25 का आयोजन किया गया। इसमें शहर के विभिन्न इंजीनियरिंग शिक्षण संस्थानों के छत्रों ने दो दर्जन से अधिक प्रोजेक्ट शोकेस किये। कॉलेज के आई ई आई स्टूडेंट इलेक्ट्रिकल इंजीनियरिंग डिपार्टमेंट की ओर से आयोजित इस एक्सपो में इंजिनीयर्स ने विभिन्न नवाचारों से

किये। एक्सपो का शभारम्भ चीफ गेस्ट डा हेमंत कुमार मीणा, मालवीय नेशनल इंस्टिट्यूट ऑफ़ टेक्नोलॉजी जयपुर, डायरेक्टर (एकेडेमिक्स) डा. एस. एल. सुराणा, प्राचार्य डा. रमेश कुमार पचार, डीन डा. आर. के. जैन, इलेक्ट्रिकल विभागाध्यक्ष इंजीनियरिंग डा. सरफराज नवाज ने किया। एक्सपो का कोर्डिनेशन विद्युत अभियांत्रिकी विभाग के सहायक प्रोफेसर जिनेन्द्र राहुल और जितेन्द्र सिंह ने किया। मुख्य अतिथि प्रतिभागियों से मिले और जुड़े अत्याधुनिक प्रोजेक्ट्स प्रस्तुत उनकी परियोजनाओं का अवलोकन किया और वास्तविक दनिया मे लागू करने के लिए उनकी परियोजनाओं के साथ उनके विचारों को सुना। अतिथियों ने प्रतिभागियों के अभिनव विचारों की सराहना की। मुख्य अतिथियों ने सभी परियोजनाओं का मल्यांकन करने के बाद %प्रोजेक्ट एक्सपो-25% की विजेता टीमों का फैसला किया और उनके नामों की घोषणा की। अंत में डॉ. सरफराज नवाज इंजीनियरिंग विभाग, एसकेआईटी) ने अतिथियों का धन्यवाद ज्ञापन

एसकेआईटीअनलीशिंग डनोवेशनः पोजेक्ट एक्सपो-२५



केशवानद इंस्टिटयट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड प्रामोथान (एसकेआईटी), जयपुर में प्रोजेक्ट एक्सपो-25 का आयोजन किया गया। इसमें शहर के विभिन्न इंजीनियरिंग शिक्षण संस्थानों के छात्रों ने दो दर्जन से अधिक पोजेक्ट शोकेस किये। कॉलेज के आई ई आई स्टडेंट चैपर ऑफ इलेक्ट्रिकल इंजीनियरिंग डिपार्टमेंट की ओर से आयोजित इस एक्सपो में इंजिनीयर्स ने विभिन्न नवाचारों से जुड़े अत्याधुनिक प्रोजेक्ट्स प्रस्तुत किये। एक्सपो का शुभारम्भ चीफ गेस्ट डा हेमंत कुमार मीणा, मालवीय नेशनल इंस्टिट्यूट ऑफ़ टेक्नोलॉजी जयपुर, डाय्रेक्टर (एकेडेमिक्स) डा. एस. एल. सुराणा, प्राचार्य डा. रमेश कुमार पचार, डीन डा. आर. के. जैन, विभागाध्यक्ष इलेक्ट्रिकल इंजीनियरिंग डा. सरफराज नवाज ने किया। एक्सपो का कोर्डिनेशन विद्युत अभियांत्रिकी विभाग के सहायक प्रोफेसर जिनेन्द्र राहुल और जितेन्द्र सिंह ने किया। मुख्य अतिथि प्रतिभागियों से मिले और उनकी परियोजनाओं का अवलोकन किया और वास्तविक दुनिया में लागू करने के लिए उनकी परियोजनाओं के साथ उनके विचारों को सुना। अतिथियों ने प्रतिभागियों के अभिनव विचारों की सराहना की। मुख्य अतिथियों ने सभी परियोजनाओं का मल्यांकन करने के बाद 'प्रोजेक्ट एक्सपो-25' की विजेता टीमों का फैसला किया और उनके नामों की घोषणा की। अंत में डॉ. सरफराज नवाज (एचओडी, इलेक्ट्रिकल इंजीनियरिंग विभाग, एसकेआईटी) ने अतिथियों का धन्यवाद ज्ञापन किया।

एक्सपो में दिखाई क्रिएटिविटी



बेधडक. जयपर। स्वामी केशवानद इंस्टिट्यट ऑफ टेक्नोलॉजी. मैनेजमेंट एंड ग्राग्रामोथान में प्रोजेक्ट एक्सपो-25 का आयोजन किया गया। इस दौरान शहर के विभिन्न इंजीनियरिंग संस्थानों के छात्रों ने दो दर्जन से अधिक प्रोजेक्ट शोकेस किए। कॉलेज के आईईआई स्टडेंट चैप्टर ऑफ डलेक्टिकल इंजीनियरिंग डिपार्टमेंट की ओर से आयोजित एक्सपो में इंजिनीयर्स ने विभिन्न नवाचारों से जुडे प्रोजेक्टस प्रस्तुत किए। एक्सपो का शभारंभ चीफ गेस्ट डॉ. हेमंत कुमार मीणा (मालवीय नेशनल इंस्टिट्यूट ऑफ टेक्नोलॉजी जयपुर डायरेक्टर (एकेडेमिक्स) डॉ. एस.एल. सुराणा, प्राचार्य डॉ. रमेश कुमार पचार, डीन डॉ. आर. के. जैन आदि ने किया। कोर्डिनेशन विद्युत अभियांत्रिकी विभाग के सहायक प्रोफेसर जिनेन्द्र राहुल और जितेन्द्र सिंह ने किया।



एसके आईटी अनलीशिंग इनोवेशन:प्रोजेक्ट एक्सपो-25

जयपुर। स्वामी केशवानद इंस्टिट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्राग्रामोथान (एसकेआईटी), जयपुर में प्रोजेक्ट एक्सपो-25 का आयोजन किया गया। इसमें शहर के विभिन्न इंजीनियरिंग शिक्षण संस्थानों के छात्रों ने दो दर्जन से अधिक प्रोजेक्ट शोकेस किये। कॉलेज के आई ई आई स्टूडेंट चैप्टर ऑफ इलेक्ट्रिकल इंजीनियरिंग डिपार्टमेंट की ओर से आयोजित इस एक्सपो में



इंजिनीयर्स ने विभिन्न नवाचारों से जुड़े अत्याधुनिक प्रोजेक्ट्स प्रस्तुत किये। एक्सपो का शुभारम्भ चीफ गेस्ट डा हेमंत कुमार मीणा, मालवीय नेशनल इंस्टिट्यूट ऑफ टेक्नोलॉजी जयपुर, डायरेक्टर (एकेडेमिक्स) डा. एस. एल. सुराणा, प्राचार्य डा. रमेश कुमार पचार, डीन डा.

आर. के. जैन, विभागाध्यक्ष इलेक्ट्रिकल इंजीनियरिंग डा. सरफराज नवाज ने किया। एक्सपो का कोर्डिनेशन विद्युत अभियांत्रिकी विभाग के सहायक प्रोफेसर जिनेन्द्र राहुल और जितेन्द्र सिंह ने किया। मुख्य अतिथि प्रतिभागियों से मिले और उनकी परियोजनाओं का अवलोकन किया और वास्तिवक दुनिया में लागू करने के लिए उनकी परियोजनाओं के साथ उनके विचारों को सुना। अतिथियों ने प्रतिभागियों के अभिनव विचारों की सराहना की। मुख्य अतिथियों ने सभी परियोजनाओं का मूल्यांकन करने के बाद 'प्रोजेक्ट एक्सपो-25' की विजेता टीमों का फैसला किया और उनके नामों की घोषणा की। अंत में डॉ. सरफराज नवाज (एचओडी, इलेक्ट्रिकल इंजीनियरिंग विभाग, एसकेआईटी) ने अतिथियों का धन्यवाद ज्ञापन किया।

18. Words of Acknowledgement: -

The Institution of Engineers (India) student chapter, Electrical Engineering Department of SKIT M & G, Jaipur was privileged to organize a national level "Project Expo-2025" at the badminton court, civil block, SKIT M & G. The event was graced by esteemed Chief Guest Dr. Hemant Kumar Meena, Associate Professor, Dept. of Electrical Engineering, MNIT Jaipur, Jaipur. The Project Expo commenced at 10:30 a.m. with a heartfelt and enthusiastic welcome note from the student host.

Dr. Sarfaraz Nawaz (Head, EE Department) welcomed Dept. of Electrical Engineering, MNIT Jaipur, with flowers. Prof. Simrath Lal Surana (Director, Academics, SKIT M & G) with Prof. Ramesh Kumar Pachar (Principal, SKIT M & G), Prof. Raj Kumar Jain (Dean, SKIT M & G), HODs (other department) and faculty members walked through all the projects showcased in the Project Expo-25 and had a conversation with all the participants and exchanged their outlook about their projects and ideas behind them. Following this, the chief guest, Prof. Dr. Hemant Kumar Meena walked through all the projects, examined and evaluated the projects on various criteria. The chief guests had a brief conversation with all the participants about their projects. The event was supervised under the guidance of faculty coordinators Mr. Jinendra Rahul and Mr. Jitendra Singh.

More than two dozen teams were present from different colleges to participate in the event. Extraordinary projects were showcased and exhibited in the Project Expo. A fine refreshment was arranged for all the contestants and attendees. Thereafter, Dr. Sarfaraz Nawaz was invited to present a memento to Dr. Hemant Kumar Meena, after this prize distribution ceremony was held to celebrate the achievements of astounding performances of the teams. Prizes worth Rs.25,000 and mementos were distributed to the winners of Project Expo-25. The rest of the participants were awarded certificates of participation. At last, Dr. Sarfaraz Nawaz (HOD, Electrical Department) presented a formal vote of thanks to the honorable and eminent chief guests. The event successfully ended at 2:30 p.m. under the guidance of the faculty members of the Electrical Engineering department of SKIT M & G, Jaipur.

19. Signature of Student Coordinators: -

Darsham

Darshan Jangid

Sadd

Sadaf Khan

20. Signature of Faculty Coordinators: -

Mr. Jinendra Rahul

Asst. Prof., EE Dept. IEISC Coordinator

Mr. Jitendra Singh Asst. Prof., EE Dept.

IEISC Coordinator

Dr. Sarfaraz Nawaz Head, EE Dept. SKIT, JAIPUR

