

Swami Keshvanand Institute of Technology
Management & Gramothan

EE TIMES Newsletter

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Department of Electrical Engineering



Dr. Ankush Tandon
Head,
Dept. of Electrical Engg.

From the Head of Department's Desk

Dear Students, Faculty, and Alumni,
It is my pleasure to present Volume 1, Issue 2 of EE Times, the departmental newsletter of Electrical Engineering. This issue showcases our achievements in academics, research, student initiatives, technical events, and industry engagement, reflecting our collective commitment to excellence and innovation. I encourage students, faculty, and alumni to actively contribute to departmental activities, share ideas, and work collaboratively toward continuous improvement and meaningful impact in the field of Electrical Engineering.

Editors Message

Dear Readers,

Warm greetings from the Editorial Desk!

It is with pride and pleasure that I present the second issue of EE Times, the official newsletter of the Department of Electrical Engineering. The encouraging response to our inaugural edition strengthens our commitment to showcasing academic excellence, innovation, and achievements across our community.

This issue captures our progress in academics, placements, research publications, technical events, workshops, and industry-institute engagement. We are pleased to share updates on emerging research collaborations, strategic MoUs, and initiatives that promote experiential learning and professional growth.

As John F. Kennedy observed, "Leadership and learning are indispensable to each other." Guided by this spirit, we nurture curiosity, critical thinking, and lifelong learning. Echoing Dr. A.P.J. Abdul Kalam, "Dreams transform into thoughts and thoughts result in action," each project, paper, and placement reflects purposeful effort.

I thank our faculty, students, alumni, and industry partners. Together, we are shaping engineers.

Happy reading, and may this edition continue to inspire excellence, innovation, and collaboration.



Dr. Prateek Kumar Singhal
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Vision of the Institute

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

Mission of the Institute

To promote quality education, training and research in the 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 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.

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.

Student Placements

2022-26 Batch

A total of 24 placement offers have been received till date through campus recruitment from reputed organizations, reflecting strong industry engagement and student performance. The placements span diverse sectors including IT, core engineering, infrastructure, and consulting. The highest package offered stands at ₹8.4 LPA by ARV Media, while leading recruiters such as Infosys, Design 2 Occupancy, and Varistor Tools have extended competitive offers of up to ₹5 LPA. These outcomes reflect the high quality of opportunities available and underscore the institute's strong industry engagement and placement support.

S. No.	Name of Company	No. of Students
1	Iconic Nutraceuticals	1
2	Infosys	7
3	Varistor Tools	1
4	Jaipur Social	1
5	ARV Media	1
6	Thrillophilia	1
7	Travel LYKKE	1
8	Future Tronics Engineering	1
9	Design 2 Occupancy	3
10	Pinnacle Infotech Solutions	7

Total Selections= 24 (Still continue...)

Events Attended by Faculty (July-Dec. 2025)

S. No.	Event Type	Number of Faculty
1	FDP	60
2	Workshop	1
3	Conference Attended	1

MOOC Certification by Students (July-Dec. 2025)

S. No.	No. of Students	Result Category
1	1	Elite + gold
2	17	Elite
3	6	Successfully completed

Total Certification= 24

MOOC Certification by Faculty (July-Dec. 2025)

S. No.	No. of Faculty	Result Category
1	1	Elite + gold
2	3	Elite + Silver
3	4	Elite
4	3	Successfully completed

Total Certification= 11

Faculty Publications (July-Dec. 2025)

S. No.	Publication Type	Number of Publications
1	SCI/E-SCI/SCOPUS	4
2	SKIT Research Journal	4
3	Conference Proceedings	16
4	Book Chapter (Scopus Indexed)	4
5	Books Published	2
6	Others (having ISBN/ISSN & DoI Numbers)	1

Electrical Vibes

MOU/ Industry Academic Interface/ Industry Support:

During academic session 2025-26, the first Memorandum of Understanding (MoU) was signed on 09/10/2025 between the Department of Electrical Engineering, Swami Keshvanand Institute of Technology (SKIT), Jaipur and Johns Electric Company Pvt. Ltd., Malaviya Nagar, Jaipur, a leading manufacturer of switchgear control panels.

The MoU aims to strengthen the industry-academia interface by facilitating industrial training, internships, expert lectures and industrial visits for students. This collaboration will help to bridge the gap between theoretical knowledge & industrial practices, enhance technical skills and improve employability. The partnership supports practical learning, knowledge exchange and overall professional development of students.



Glimpse of with MOU Johns Electric Company Pvt. Ltd.



Glimpse of with MOU Rigvaimaniki Technologies Private Limited

The Second Memorandum of Understanding (MoU) was made on 02/12/2025 between Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT M & G), Jaipur and Rigvaimaniki Technologies Private Limited (RVT), a Research and Development company in the Drone and Electric Aviation sector.

The objective of this MoU is to promote industry-academia collaboration through joint activities such as research projects, internships, expert lectures, skill development programs and technology exposure. This partnership aims to enhance students' practical knowledge, foster innovation and improve employability in emerging aviation and drone technologies.

Workshop organized:

Six-day hands-on students workshop on “Robotic Engineering and Technologies”

Department of Electrical Engineering in association with IEI Student Chapter, SKIT Jaipur organized a 6-day hands-on workshop on “Robotic Engineering and Technologies” from 22-27 September 2025. The workshop aimed to introduce students to microcontroller-based programming, hands-on practice with hardware components and teamwork in developing real-world robotic prototypes. Students gained exposure to IR sensors, ultrasonic sensors, Bluetooth modules, breadboard circuits and Arduino Nano coding. This workshop aligned with several United Nations Sustainable Development Goals (SDGs) like SDG 4 (Quality Education), SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation and Infrastructure), SDG 11 (Sustainable Cities and Communities and SDG 12 (Responsible Consumption and Production). The program began with the basics of Arduino UNO and Embedded coding, followed by demonstrations on sensor interfacing with the use of breadboard. In the next sessions, students worked on ultrasonic sensors for distance detection and Bluetooth modules for wireless control. In last two days, participants assembled and coded their robotic cars, integrating both ultrasonic obstacle avoidance and Bluetooth-controlled navigation. 64 students participated in the workshop. The workshop was coordinated by Dr. Prateek Kumar Singh, Dr. Tarun Naruka, Mr. Vikas Mahala and Mr. Deepak Saini.



Glimpse of student workshop on “Robotic Engineering and Technologies”



One-week hands-on workshop for students on “Driving the Future: Power, Mobility and Intelligence (Battery Management System)”

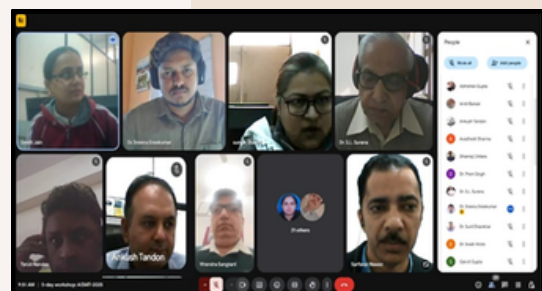
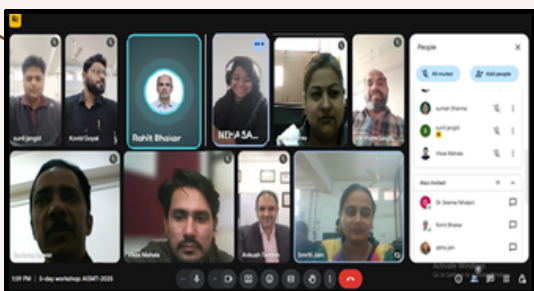
The IE(I) Student Chapter of the Department of Electrical Engineering at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur organized a five-day workshop on “Driving the Future: Power, Mobility and Intelligence (Battery Management System)” from 7th to 11th October 2025. The Workshop was designed for students, researchers and professionals seeking to understand how intelligent power systems are transforming transportation and energy storage. As electric vehicles and renewable energy solutions continue to grow worldwide, Battery Management Systems (BMS) have become crucial for ensuring efficiency, safety and long-term reliability in modern mobility. Participants began by exploring the fundamentals of BMS architecture, including battery monitoring, cell balancing, thermal management and state-of-charge and state-of-health estimation. A major portion of the workshop was dedicated to hands-on training. Attendees worked on battery pack design, charge-discharge control, sensor integration and balancing techniques. They also gained knowledge of communication systems, safety protocols and global and Indian BMS standards. The workshop also addressed real-world challenges in electric mobility, including thermal runaway, range limitations and the need for safer and faster charging solutions. The workshop was closely aligned with multiple UN Sustainable Development Goals, particularly SDG 7, SDG 9, SDG 11, SDG 12, and SDG 13, emphasizing clean energy, innovation, sustainable communities, responsible production, and climate action. The workshop was coordinated by Mr. Jitendra Singh, Mr. Jinendra Rahul and Dr. Suman Sharma, with Mr. Dinesh Kumar serving as the co-coordinator.



Glimpse of student workshop on “Driving the Future: Power, Mobility and Intelligence”

Five-Day Faculty Workshop (with hybrid participation) on “AI Integrated Smart E-Mobility Towards Sustainable Development”

The Department at Swami Keshvanand Institute of Technology (SKIT), Jaipur successfully organized a five-day workshop on “AI Integrated Smart E-Mobility Towards Sustainable Development” from 18th to 22nd November 2025. The workshop aimed to provide participants with comprehensive insights into emerging technologies, policies, and innovations in artificial intelligence-enabled e-mobility and smart power systems, aligned with national sustainability and net-zero goals. The workshop was aligned with multiple UN Sustainable Development Goals (SDGs), including SDG 4 (Quality Education), SDG 7 (Affordable and Clean Energy), SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation and Infrastructure), SDG 11 (Sustainable Cities and Communities), SDG 12 (Responsible Consumption and Production), SDG 13 (Climate Action), SDG 16 (Peace, Justice and Strong Institutions), and SDG 17 (Partnerships for the Goals). The workshop successfully bridged academia, industry, and policy perspectives, enriching participants’ understanding of AI-integrated smart e-mobility systems and their role in sustainable development. The event received enthusiastic participation from faculty members, researchers, students, and industry professionals, fostering meaningful technical discussions and collaborations. The workshop was coordinated by Ms. Smriti Jain, and Dr. Suman Sharma.

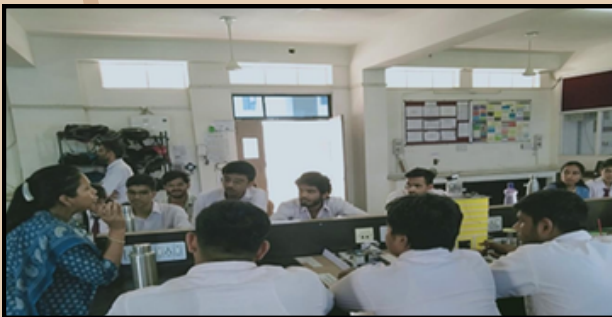


Glimpse of faculty workshop on “AI Integrated Smart E-Mobility Towards Sustainable Development”

Event organized:

Student Industrial Training Program:

The Department of Electrical Engineering, SKIT M&G, successfully organized a Student Industrial Training Program for III Semester students from 15 July to 26 July 2025 under the coordination of Mr. Vikas Ranveer Singh Mahala and Mr. Yusuf Sharif. A total of 69 students participated in the training. The program aimed to bridge the gap between classroom learning and industrial practices by offering early professional exposure. The program comprised academic and industry-focused activities, including an orientation to the Incubation Cell to promote innovation and entrepreneurship. A session on the importance of projects in B.Tech emphasized problem-solving skills, research orientation, and practical application of theoretical knowledge. Interactive discussions with alumni and industry professionals provided valuable insights into career opportunities, industry expectations, and emerging trends in electrical engineering. Students also visited the 220 kV Grid Substation, Indira Gandhi Nagar, Jaipur, gaining practical understanding of power system operation and protection. Sessions on power supply management in Rajasthan and an industrial visit to John Electric further enhanced their practical exposure. The program strengthened professional awareness, student engagement, and holistic development. The Induction program was coordinated by Mr. Yusuf Sharif and Mr. Vikas Mahala.



Session on “Importance of Projects in B. Tech “



Interaction with Alumni/Industrial Person (Mr. Ishan Bhatia)



Session on “Importance of GATE “



Explaining SCADA System Used By GSS



Expert lecture on “Recent Trends in Electrical Engineering” by Dr. S.L. Surana (Director Academics)



Industrial Visit (220kV GSS Indira Gandhi Nagar Jaipur)

Glimpses of Student Industrial Training Program

Industry Visits:

Visit to Johns Electric, Jaipur

An industrial visit to Johns Electric, Jaipur was organized by the Department of Electrical Engineering on 30th September 2025 for III Semester B.Tech Electrical Engineering students. A total of 50 students participated in this industrial exposure program.

The main objective of the visit was to provide practical understanding of electrical control panel manufacturing, including fabrication, metal processing, surface treatment, painting, assembly, wiring, and testing procedures. The visit helped students correlate theoretical concepts from subjects like Electrical Machines, Manufacturing Processes, and Machine Control with real industrial practices.

The students were accompanied and guided by Dr. Sarfaraz Nawaz, Professor, Department of Electrical Engineering.

Visits to Rajasthan Centre of advanced Technology (RCAT)

An industrial visit to the Rajasthan Centre for Advanced Technology (RCAT), Ashok Nagar, Jaipur was organized by the Department of Electrical Engineering on 29 August 2025 and 04 September 2025 for III and V Semester B.Tech. Electrical Engineering students. A total of 100 students participated in the visits. The objective was to provide practical exposure to modern technologies such as Artificial Intelligence, Robotics, Machine Learning, Cyber Security, and Automation. The visit aimed to bridge the gap between theoretical learning and industrial practices, enhancing students' understanding of emerging technology trends. During the visits, students explored various advanced laboratories and observed live demonstrations of robotic arms, sensor-based control systems, and automation setups.

The students were accompanied and guided by Mr. Jitendra Singh, Assistant Professor, Mr. Vikas Mahala, Assistant Professor, Dr. Prateek Kumar Singhal, Associate Professor and Mr. Deepak Saini, Assistant Professor, Department of Electrical Engineering.



Glimpses of Visit to Johns Electric, Jaipur



Glimpses of Visit to Rajasthan Centre for Advanced Technology (RCAT), Jaipur

Faculty Achievements:

The Department proudly congratulates its faculty members for their remarkable academic and professional achievements, reflecting excellence in teaching, learning and scholarly engagement.

Mr. Ajay Bhardwaj and Ms. Deepti Arela have been recognized as NPTEL Discipline Stars in the domain of Humanities and Social Sciences for the July–December 2025 semester. This prestigious recognition by NPTEL (IIT Madras) is awarded to candidates who have successfully completed more than 50 weeks of learning in a single discipline with consistently strong performance. Their achievement highlights their commitment to continuous learning, academic enrichment, and promotion of MOOCs-based education.



NPTEL Discipline Stars certificates

In another notable accomplishment, **Dr. Sarfaraz Nawaz served as a Session Chair at the 4th IEEE DELCON 2025 – International Conference on Recent Smart Technologies in Engineering for Sustainable Development**, held from 31st October to 2nd November 2025 at Jamia Millia Islamia, New Delhi. His role as Session Chair underscores his expertise, research contribution and active involvement in national and international academic forums.



IEEE Conference Session Chair Certificate

Patents:

- **“Vehicle Exhaust CO₂ Capture System with Real-Time Conversion to Solid Powder for Reuse”.** Inventors- Smriti Jain, Rajnish Kumar, Shreyash Sharma, Sumit Sarsar. Application No. 202511072737, Date of filing- 31 July 2025, Publication Date- 5 Sep. 2025, Intellectual Property India
- **“A Markov Chain-Based Stochastic Framework for Preserving Diurnal Solar Irradiance Forecast Profiles”.** Inventors- Smriti Jain, Dr. Neeraj Kanwar. Application No. 202511085362, Date of filing- 9 Sep. 2025, Publication Date- 26 Sep. 2025. Available online on the Intellectual Property India official website.
- **“CRRO-F: Contingency-Aware Framework for Criticality, Reliability, and Robustness-Oriented Optimization in N-1 Generator Contingency-Based Day-Ahead Unit Commitment”.** Inventors- Smriti Jain, Dr. Neeraj Kanwar. Application No. 20251113073, Date of filing- 18 Nov. 2025, Publication Date- 26 Dec. 2025. Available online on the Intellectual Property India official website.

Expert Talk organized:

S. No.	Name of the Expert	Topic	Date
1	Mr. Sushil Soni, Made Easy Education	GATE-2026: Your Gateway to IIT & PSUs	25/9/2025
2	Dr. Nilam, Coordinator, Innovation Cell, SKIT M&G, Jaipur	Unlocking Opportunities with IEEE Student Chapter	25/9/2025
3	Er. Neha Sakka, Founder, Trust EV Awareness Oath Program (TEVAOP), Jaipur Vidyut Vitran Nigam Ltd. (JVNL), Jaipur	Establishing EV Charging Infrastructure in India: Technology, Business Models, and Policy	27/9/2025
4	Mr. Jagadish Singh Gurjar, A.En. RRVNLT, Jaipur	Future of Grid Substation	13/10/2025



Session on “GATE- 2026”



Session on “IEEE”



Session on “Establishing EV Charging Infrastructure in India: Technology, Business Models, and Policy”



Session on “Future of Grid Substation”

Glimpses of Expert Talk organized

एसकेआईटी एम एंड जी के इलेक्ट्रिकल इंजीनियरिंग विभाग ने रिग्वैमानिकी टेक्नोलॉजीज, पाली के साथ किये समझौता ज्ञापन पर हस्ताक्षर



(आयुष-अन्तिमा नेटवर्क)

जयपुर (श्रीराम इंदौरिया): स्वामी केशवानंद प्रौद्योगिकी, प्रबंधन एवं ग्रामोत्थान संस्थान (एसकेआईटी एम एंड जी), जयपुर के इलेक्ट्रिकल इंजीनियरिंग विभाग ने रिग्वैमानिकी टेक्नोलॉजीज, पाली के साथ एक समझौता ज्ञापन पर हस्ताक्षर किए हैं। समझौता ज्ञापन का मुख्य उद्देश्य ड्रोन और इलेक्ट्रिक विमानन क्षेत्र में नवाचार, विनिर्माण और बाजार पहुंच के लिए सहयोग को बढ़ावा देना है, साथ ही नीतियों और प्रशिक्षण मानकों को संरेखित करना भी है। प्रमुख लक्ष्यों में स्वदेशी ड्रोन विनिर्माण क्षमताओं का निर्माण करना, अनुसंधान और विकास का समर्थन करना और ड्रोन प्रौद्योगिकी के लिए एक मजबूत पारिस्थितिकी तंत्र बनाना शामिल होता है, जैसा कि रक्षा, कृषि और सामान्य अनुप्रयोगों के लिए समझौतों में देखा गया है। एमओयू पर डॉ.अंकुश टंडन (एचओडी), डॉ.तरुण नरुका (उप एचओडी), डॉ.धनराज चितारा (प्रोफेसर) और जितेश त्रिवेदी (निदेशक, रिग्वैमानिकी टेक्नोलॉजीज), हितेश पाठक (सलाहकार, रिग्वैमानिकी टेक्नोलॉजीज) की उपस्थिति में हस्ताक्षर किए गए।

एसकेआईटी में 'ड्राइविंग द फ्यूचर' पावर, मोबिलिटी एंड इंटेलिजेंस पर पांच दिवसीय वर्कशॉप शुरू

नवज्योति, जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोत्थान (एसकेआईटी) जयपुर के इलेक्ट्रिकल इंजीनियरिंग विभाग के आई (आई) छात्र अध्यापक और से ड्राइविंग द फ्यूचर, पावर, मोबिलिटी एंड इंटेलिजेंस (बैटरी मैनेजमेंट सिस्टम) विषय पर पांच दिवसीय हैंड्स-ऑन वर्कशॉप का शुभारंभ हुआ। कार्यशाला का उद्घाटन डॉ. अंकुश टंडन विभागाध्यक्ष (इलेक्ट्रिकल इंजीनियरिंग विभाग) की ओर से किया गया। अपने उद्घाटन संबोधन में डॉ. टंडन ने इलेक्ट्रिक वाहनों तथा सतत ऊर्जा समाधान के विकास में बैटरी मैनेजमेंट सिस्टम की बढ़ती भूमिका पर प्रकाश डाला। कार्यशाला के संयोजक



जितेन्द्र सिंह, जिनेन्द्र राहुल तथा डॉ. सुमन शर्मा एवं सह संयोजक दिनेश कुमार ने आयोजन में महत्वपूर्ण भूमिका निभाई। सह-संयोजक दिनेश कुमार ने विद्यार्थियों को बैटरी मैनेजमेंट सिस्टम के संतुलन और तीव्र चार्जिंग की प्रक्रिया के महत्व को समझाया।

उद्घाटन सत्र के साथ ही कार्यशाला की शुरुआत विभिन्न प्रायोगिक गतिविधियों, डेमो एवं प्रशिक्षण सत्रों से हुई, जिनमें बैटरी पैक डिजाइन, चार्ज-डिस्चार्ज नियंत्रण तथा स्मार्ट ऊर्जा प्रबंधन पर विशेष ध्यान केंद्रित किया गया।

News Corner

रोबोटिक इंजीनियरिंग और टेक्नोलॉजीज' पर कार्यशाला संपन्न



● यक्षम समाचार न्यूज

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोत्थान (एसकेआईटी), जयपुर के विद्युत विभाग द्वारा इंस्टीट्यूशन ऑफ इंजीनियर्स (इंडिया) स्टूडेंट चैप्टर के सहयोग से आयोजित रोबोटिक इंजीनियरिंग और टेक्नोलॉजीज विषय पर छह दिवसीय कार्यशाला का सफल समापन 27 सितम्बर 2025 को हुआ। कार्यशाला का उद्घाटन विद्युत विभागाध्यक्ष डॉ. अंकुश टंडन ने किया था। इस अवसर पर विभाग के उपप्रमुख डॉ. तरुण नरुका ने कहा कि रोबोटिक्स भविष्य की तकनीकी आवश्यकताओं को पूरा करने में महत्वपूर्ण भूमिका निभाएंगे। कार्यशाला संयोजक डॉ. प्रतीक कुमार सिंघल ने बताया कि छात्रों ने इस आयोजन के माध्यम से नवीनतम तकनीकी जानकारी के साथ-साथ व्यावहारिक प्रशिक्षण भी प्राप्त किया। कार्यशाला का संचालन विकास महिला और दीपक सैनी ने किया, जबकि छात्र समन्वयक के रूप में सदफ़ खान, दर्शन जांगोड़ और राज कटारा ने सक्रिय भूमिका निभाई। उद्योग विशेषज्ञ सनी कुमार और गोविंद देवासी ने प्रशिक्षण सत्रों के दौरान छात्रों को रोबोटिक इंजीनियरिंग और टेक्नोलॉजीज के क्षेत्र में वास्तविक दुनिया के कौशल प्रदान किए।

एसकेआईटी में एआई एकीकृत स्मार्ट ई-मोबिलिटी पर 5 दिवसीय कार्यशाला शुरू



कामयाब कलम, जयपुर

सतत विकास की दिशा में एआई एकीकृत स्मार्ट मोबिलिटी पर बहुप्रतीक्षित 5 दिवसीय कार्यशाला स्वामी केशवानंद प्रौद्योगिकी संस्थान (एसकेआईटी), जयपुर में शुरू हुई।

18-22 नवंबर, 2025 तक चलने वाली इस कार्यशाला का उद्देश्य शिक्षा, जगत और उद्योग जगत के विशेषज्ञों को एक साथ लाकर इलेक्ट्रिक मोबिलिटी क्षेत्र में बदलाव लाने में आर्टिफिशियल इंटेलिजेंस (एआई) की भूमिका और सतत विकास पर इसके प्रभाव का पता लगाना है। उद्घाटन समारोह की

कार्यशाला के विषय, उद्देश्यों और दिन के कार्यक्रम का परिचय दिया। इसके बाद संयोजक डॉ. सुमन शर्मा ने उद्घाटन भाषण दिया, जिसमें उन्होंने भारत के सतत विकास प्रयासों में एआई और ई-मोबिलिटी के महत्व पर प्रकाश डाला।

सुबह के सत्र का मुख्य आकर्षण एसकेआईटी के अकादमिक निदेशक डॉ. एस.एल. सुपना का विशेष संबोधन था, जिन्होंने भारत के स्थिरता लक्ष्यों को प्राप्त करने और कार्बन उत्सर्जन को कम करने में ई-मोबिलिटी और एआई के महत्व पर जोर दिया। इसके बाद बाजार संतुलन और अर्सलून पूर्वानुमान नेट-

एक प्रमुख विशेषज्ञ डॉ. श्रीनृसिं कुमार द्वारा प्रस्तुत किया गया। डॉ. श्रीनृसिं कुमार के संबोधन ने ऊर्जा बाजारों को संतुलित करने और नेट-जीरो ग्रीड के महत्वकांक्षी लक्ष्य को प्राप्त करने में एआई की भूमिका का व्यापक अवलोकन प्रदान किया। मुख्य भाषण के बाद, सत्र एक इंटीक्विट प्रस्नोवर सत्र के साथ जारी रहा, जिसका संचालन स्मृति जैन ने किया, जहाँ डॉ. श्रीनृसिं कुमार ने प्रश्नों के उत्तर दिए और अपने सत्र से महत्वपूर्ण अंतर्दृष्टि पर चर्चा की।

दोपहर में, डॉ. सोमा निहालानी ने इलेक्ट्रिक वाहनों और बैटरियों के जीवन चक्र पर पर्यावरणीय प्रभाव विषय पर

वाहनों (ईवी) को अपनाने से जुड़े पर्यावरणीय पहलुओं पर प्रकाश डाला गया।

अगले कुछ दिनों में, कार्यशाला में विभिन्न महत्वपूर्ण विषयों जैसे कि विद्युत प्रणाली एकीकरण, स्मार्ट चार्जिंग अवसंरचना, एआई-संचालित अनिश्चितता आकलन और एआई-एकीकृत स्मार्ट ई-मोबिलिटी के लिए नीतिगत ढाँचे को शामिल किया जाएगा। डॉ. अंजलि जैन, डॉ. आभा जैन और विकास महाला जैसे प्रख्यात विशेषज्ञ भी अपने विचार साझा करेंगे, जिससे प्रतिभागियों को इस क्षेत्र में बहुमुखी ज्ञान प्राप्त होगा।

कार्यशाला ने राष्ट्रीय स्तर पर दर्शकों को आकर्षित किया है, और भारत के विभिन्न हिस्सों से प्रतिभागी दूरस्थ रूप से इसमें शामिल हुए हैं, जिससे ज्ञान और विचारों का वास्तविक अंतर्राष्ट्रीय आदान-प्रदान सुनिश्चित हुआ है। विभागाध्यक्ष डॉक्टर अंकुश टंडन, प्रोफेसर सरफराज नवाज़, डॉ. तरुण नरुका ने कार्यशाला के उच्च संचालन में भरपूर सहयोग दिया और प्रोत्साहित किया। कार्यशाला का समन्वय स्मृति जैन द्वारा किया जा रहा है और डॉ. सुमन शर्मा, एसोसिएट प्रोफेसर, इलेक्ट्रिकल

Department of Electrical Engineering



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