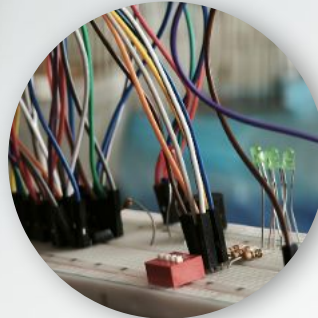




Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)
(Accredited by NAAC with "A++" Grade)

Approved by AICTE, Ministry of Education, Government of India
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ELECTRO NEXUS

Empowering Tomorrow Through Electronics

Volume 2, Issue 2
January - June, 2026



Department of Electronics and Communication Engineering



From HoD Desk

Message from Leadership

Dear Readers,

I am delighted to share this edition of Newsletter of the Department of Electronics and Communication Engineering. This publication reflects the vibrant academic environment, innovative spirit, and collective achievements of our department. It serves as a platform to celebrate the accomplishments of our students and faculty while highlighting the exciting initiatives that shape our academic journey.

The Department of Electronics and Communication Engineering continues to play a pivotal role in driving technological advancements and nurturing future-ready professionals. With a strong foundation in Embedded Systems, Internet of Things (IoT), VLSI Design, Advanced Communication Systems, Signal Processing, Artificial Intelligence, and other emerging technologies, our curriculum seamlessly integrates theoretical knowledge with practical learning to meet the evolving needs of industry and society.

Our department is committed to academic excellence through state-of-the-art laboratories, experienced faculty, innovative teaching practices, and a research-oriented environment. We encourage our students to actively engage in projects, internships, technical competitions, entrepreneurship, and collaborative research, enabling them to develop the confidence, creativity, and problem-solving skills required to excel in a rapidly changing technological landscape.



Prof. (Dr.) Praveen Kumar Jain

As technology continues to transform every aspect of modern life, Electronics and Communication Engineering offers limitless opportunities across diverse sectors, including semiconductors, telecommunications, healthcare, aerospace, automation, renewable energy, and intelligent systems. We take pride in preparing graduates who are not only technically proficient but also socially responsible and capable of making meaningful contributions to the world.

I extend my sincere appreciation to the editorial team, faculty members, students, and all contributors whose dedication and enthusiasm have made this edition possible. I hope this newsletter inspires every reader to embrace innovation, pursue excellence, and contribute towards building a smarter, sustainable, and technologically empowered future.



From Editor Desk



Ms. Priyanka Sharma

Dear Readers,

It gives me immense pleasure to present the biannual edition of the ECE Department Newsletter of Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT). This newsletter serves as a vibrant platform to showcase the creativity, technical innovations, and achievements of our students and faculty members. In every issue, we strive to highlight the spirit of inquiry, innovation, and excellence that defines the Electronics and Communication Engineering fraternity. The field of ECE continues to evolve rapidly—bridging hardware with intelligent systems, IoT, embedded design, AI, and quantum technologies. Through this publication, we aim to inspire our readers to stay curious, explore new technologies, and contribute meaningfully to the ever-changing landscape of engineering.

I extend my heartfelt appreciation to all contributors for their dedication and teamwork in bringing this edition to life. I also encourage students to actively participate, share their innovative ideas, and continue pushing the boundaries of learning and research.

Let this newsletter be a reflection of our collective growth, collaboration, and commitment to excellence.

Student Editors

1. Mayank Sharma, VII Sem, ECE
2. Vineet Sharma, V Sem, ECE
3. Aaliya Parveen, V Sem, ECE
4. Aditya Tiwari, III Sem, ECE

DEPARTMENT OF ECE

VISION

To evolve the department as a center of excellence in the field of Electronics & Communication Engineering for enriched education, higher learning, research and development

MISSION

M1: To Impart quality education in Electronics and Communication Engineering for better employability.

M2: To Prepare students for being competent in dealing with industrial challenges.

M3: To Equip students for lifelong learning and for serving the society.



PROGRAM EDUCATIONAL OBJECTIVES

To pursue their career successfully in the field of Electronics & Communication Engineering and advance in their profession.

1

To excel in pursuing higher education and lifelong learning.

2

To hold high ethical standards and work effectively in multidisciplinary teams with strong management and team work skills

3

ALUMNI SESSION

FROM CODE TO COURAGE: SMALL TOWN, BIG DREAMS

The Department of Electronics and Communication Engineering, in association with the SKIT Alumni Association, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, successfully organized an Alumni Interaction Session titled "From Code to Courage: Small Town, Big Dreams" at APJ Kalaam Seminar Hall. The session was graced by Mr. Ashish Surana, an esteemed alumnus of the ECE Batch 2008, who is the Founder of Go Pure and a first-generation entrepreneur.

The event aimed to bridge the gap between academia and industry by providing students with real-life insights into career development, entrepreneurship, and personal growth through the experiences of a successful alumnus.

The session commenced with a warm welcome to the resource person by the HOD of ECE engineering Dr. Praveen Kumar Jain.



Mr. Surana shared his inspiring journey, beginning with his undergraduate studies in Electronics and Communication Engineering. He elaborated on his decision to pursue M.Tech, followed by his transition into the corporate world through an MBA and a professional job. A significant part of the session focused on his entrepreneurial journey, including the initial success, the challenges faced, the failure of his business at one stage, and how he strategically and mentally overcame setbacks to rebuild and succeed again.



EXPERT LECTURE

“DIGITAL TRANSFORMATION IN AI & ROBOTICS” UNDER THE AICTE DISTINGUISHED PROFESSIONALS SCHEME (DPS)

An AICTE sponsored lecture on Digital transformation in AI & Robotics was organized in SKIT, Jaipur under the AICTE Distinguished Professionals Scheme (DPS). This lecture was conducted by ECE Department.

The speaker was Mr. Jaydeep Naha, General Manager & Head of Digital Business Line, Seimens Energy India Pvt. Ltd., Gurugram, Haryana. This lecture was conducted in two sessions. In first session, expert interacts with Faculty members and explains how we can fill the gap between academia and Industry.

In second session expert interact with students. He told about the role and responsibilities of AI & Robotics in Digital Transformation.



He also focuses on the job and internship & Training opportunities in Siemens Energy. The floral welcome to Guest was given by Dr. Praveen Kr. Jain, Prof. & HOD ECE. The momento was given by Dr. Mukesh Arora, Coordinator, Incubation Cell. Finally the event was ended with vote of thanks by Ms. Rajani Idiwai, Asst. Prof. ECE Deptt. The faculty Coordinators of the Lecture was Dr. Vikas Pathak, Assoc. Prof., Dr. Monika Mathur, Ms. Rajni Idiwai, ECE Deptt.



FACULTY DEVELOPMENT PROGRAM (FDP)

ADVANCEMENT IN SEMICONDUCTOR: CURRENT ASPECTS AND CHALLENGES

The Faculty Development Program (FDP) on 'Advancement in Semiconductor: Current Aspects and Challenges' was designed to provide an in-depth understanding of the latest trends and challenges in semiconductor technology. Semiconductors are the backbone of modern electronics, enabling innovations in computing, communication, renewable energy, healthcare, and automation. This interdisciplinary FDP aimed to enhance teaching effectiveness, strengthen research capabilities, and foster innovation among faculty members and researchers. It served as a platform for knowledge exchange and collaboration between academia, research organizations, and the semiconductor industry.

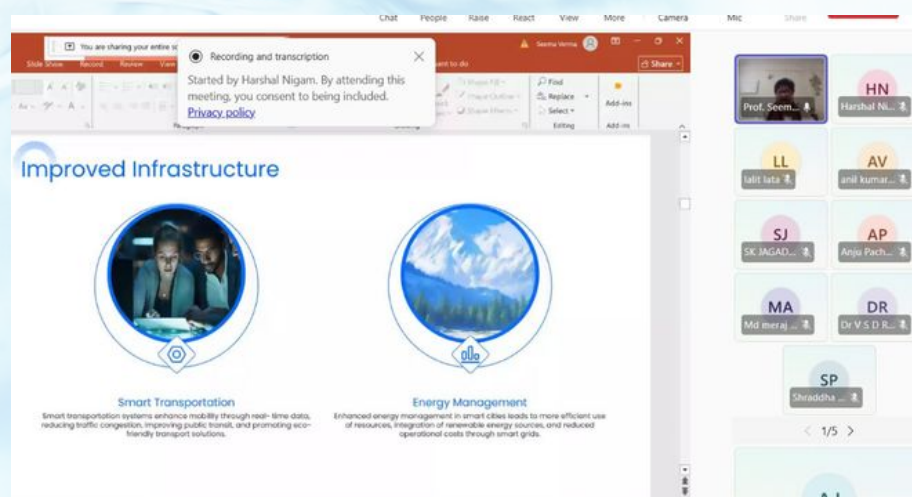
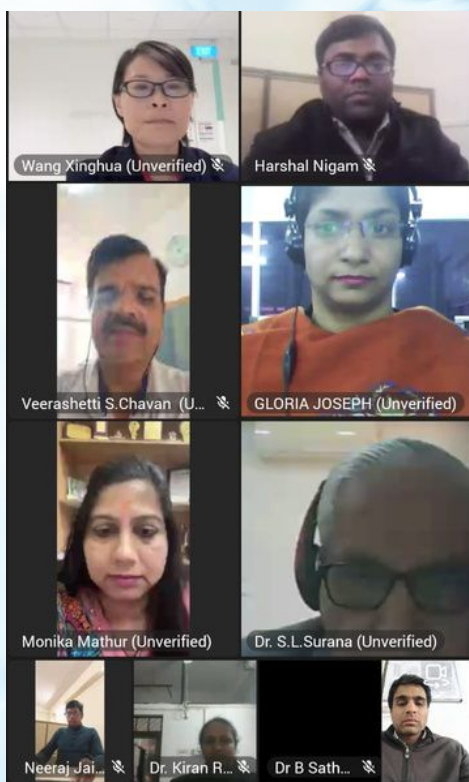
Faculty members gained updated insights into semiconductor materials, nanoelectronics, fabrication technologies, and applications, strengthening their teaching and research expertise. The FDP created a platform for interaction between international scientists (Singapore IME, A-Star) and Indian institutions (NIT, IIT, MNIT, SKIT), fostering future collaborations. Participants were introduced to cutting-edge topics such as MEMS acoustic filters, AI-based semiconductor design, and smart city applications, broadening their perspective on interdisciplinary applications.

एसकेआईटी में पांच दिवसीय एफडीपी का सफल आयोजन

120 से अधिक शिक्षकों ने लिया भाग



P3 News@ जयपुर। स्वामी केशवानंद इन्स्टीट्यूट ऑफ टेक्नोलॉजी जयपुर में आयोजित पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम का सफलतापूर्वक समापन हुआ। इस कार्यक्रम में देश के विभिन्न संस्थानों से आए 120 से अधिक शिक्षकों ने भाग लिया। एसकेआईटी में आयोजित पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम का सफलतापूर्वक समापन हुआ। इस कार्यक्रम में देश के विभिन्न संस्थानों से आए 120 से अधिक शिक्षकों ने भाग लिया।



The sessions equipped faculty with practical knowledge and methodologies to integrate advanced semiconductor concepts into curriculum design, classroom teaching, and research projects. With over 120 participants from across India, the FDP facilitated peer learning, networking, and exchange of innovative ideas, encouraging collaborative projects and publications.

FACULTY DEVELOPMENT PROGRAM (FDP) SYNERGY:CYBER SAFETY ESSENTIALS

The Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, through the Department of Electronics & Communication Engineering and IE(I) Student Chapter, successfully organized an expert session on "Cyber Safety Essentials" on 5th February 2026 at the J.C. Bose Auditorium, SKIT Campus, Jaipur, starting from 2:00 PM onwards.

The session was delivered by Mr. Manoj Raman, Assistant Professor, IT Department, SKIT, who served as the resource person for the event. The session witnessed active participation from students and faculty members, making it highly interactive and informative. The primary objective of the session was to create awareness about cyber security, educate students about common cyber threats, and provide knowledge on safe online practices and data protection techniques. The speaker elaborated on topics such as phishing attacks, password security, data privacy, and preventive measures to safeguard personal and professional information in the digital world.

The event provided valuable insights into the importance of cyber hygiene and responsible internet usage. Students actively engaged in discussions and gained practical knowledge that will help them stay secure in today's technology driven environment. The session concluded with a vote of thanks to the resource person and coordinators for organizing such an insightful and relevant event.



Some of the major topics discussed include:

- Introduction to Cyber Security and its importance
- Common cyber threats such as phishing, malware, ransomware, and social engineering
- Password security and best practices for creating strong passwords
- Safe browsing habits and identification of suspicious websites
- Data protection techniques and importance of privacy
- Awareness about public Wi-Fi risks and secure network usage
- Cyber laws and ethical responsibilities of internet users
- Role of cybersecurity in professional environments and industries

Two-Days Student Workshop on "Sustainable Development Goals(SDGs)"

The two-day student workshop on Sustainable Development Goals (SDGs), organized by the Departments of Electronics & Communication Engineering and Mechanical Engineering on February 6-7, 2026, was conducted to create awareness about sustainability and its importance in engineering and society. The workshop began with a formal welcome, followed by an informative session by Shri Ramdayal Saini, who explained the concept of sustainable development, the 17 SDGs, and their global relevance, along with practical examples of how engineers can contribute through innovative and eco-friendly solutions. On the second day, Dr. Amit Jhalani delivered a research-oriented session focusing on sustainable fuels, energy efficiency, environmental conservation, and the role of interdisciplinary collaboration in achieving sustainability goals.

Throughout the workshop, key topics such as renewable energy, sustainable industrial practices, carbon footprint reduction, and the integration of technology with societal needs were discussed. Both speakers motivated students to adopt responsible practices, engage in sustainability-focused research, and contribute positively to society. Overall, the workshop was highly informative and inspiring, successfully enhancing students' understanding of SDGs and encouraging them to incorporate sustainable practices into their academic and professional journeys.

सतत विकास लक्ष्यों की प्राप्ति के लिए सबकी सहभागिता जरूरी

एसकेआईटी जयपुर में 'सतत विकास लक्ष्यों' पर दो दिवसीय छात्र कार्यशाला प्रारंभ



(आयुष-अलिया नेटवर्क) जयपुर (अंतराष्ट्रीय) स्वामी केराकरांड इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड एमपीएस के इलेक्ट्रॉनिक्स एंड कम्युनिकेशन इंजीनियरिंग विभाग और मैकेनिकल इंजीनियरिंग के संयुक्त तत्वावधान में दो दिवसीय छात्र कार्यशाला का शुभारंभ हुआ। कार्यशाला का विषय 'सतत विकास लक्ष्य (Sustainable Development Goals)' रखा गया। कार्यक्रम के प्रारंभ में इलेक्ट्रॉनिक्स एंड कम्युनिकेशन विभागप्रमुख प्रो.पीके. जीन, मैकेनिकल इंजीनियरिंग विभाग के प्रो.अर्चना श्रीवास्तव द्वारा मुख्य अतिथि का स्वागत किया गया। प्रो.श्रीवास्तव ने स्वागत भाषण प्रस्तुत कर कार्यक्रम की औपचारिक शुरुआत की। कार्यशाला के उद्देश्य एवं मुख्य बकाल समझाया गया। ने विद्यार्थियों को संबोधित करते हुए सतत विकास लक्ष्यों की आवश्यकता, उनकी वैश्विक एवं राष्ट्रीय प्रासंगिकता तथा वर्तमान समय में उनकी आवश्यकता पर

विस्तार से प्रकाश डाला। उन्होंने युवाओं को यह बताया कि किस प्रकार ज्वलंततर पर सतत विकास लक्ष्यों को व्यवहार में लाना जा सकता है। समझाया कि इन लक्ष्यों से सतत विकास को प्राप्त करने में सहायक भूमिका निभाने का अहम करती है। कहा कि सतत विकास के माध्यम से ही विश्वव्यापी विकास का लक्ष्य प्राप्त किया जा सकता है। उन्होंने यह भी स्पष्ट किया कि संयुक्त राष्ट्र द्वारा निर्धारित 17 सतत विकास लक्ष्यों को किस प्रकार 9 मुख्य कार्यक्रम के रूप में सामूहिक विकास से जोड़कर लागू करने के प्रयास किए जा रहे हैं। कार्यशाला का सम्मेलन डॉ.किरण राठी एवं डॉ.अर्चना श्रीवास्तव द्वारा किया गया। इस अवसर पर इलेक्ट्रॉनिक्स एंड कम्युनिकेशन तथा मैकेनिकल इंजीनियरिंग विभाग के अन्य संकाय सदस्य एवं छात्र उपस्थित रहे।



IEEE E-SUMMIT 2026

IEEE SKIT Student Branch successfully organized the IEEE E-Summit 2026 under PRAVAH'26 at JC Bose Seminar Hall, SKIT Jaipur. The event witnessed enthusiastic participation from students of SKIT as well as various other colleges, creating a dynamic and intellectually engaging environment.

The event began with a welcome address, introducing IEEE as the world's largest technical professional organization and highlighting its benefits such as research access, networking, and career development. The team thanked sponsors Ozone Space and House of Unique, and informed participants about a stipend internship opportunity by Ozone Space.



A memento ceremony was held to honor the speakers. Expert sessions were delivered by Dr. Prashant Saxena on cybersecurity, Mr. Chetan Yadav on innovation and space technology, and Mr. Dheeraj Verma on cybersecurity in power systems and IEEE opportunities. Dr. Prashant Saxena, a renowned cybersecurity expert with over 16 years of professional experience, delivered an informative session on cybersecurity awareness, cyber laws, and protection of critical infrastructure.

Mr. Chetan Yadav, CEO of Ozone Space, delivered an inspiring session on innovation, entrepreneurship, and opportunities in the space technology sector. Mr. Dheeraj Verma, Ph.D. Research Scholar at MNIT Jaipur and an active IEEE member, delivered an insightful session on cybersecurity in power systems, cyber-physical systems, and research opportunities. He also guided students on how IEEE helps in professional development, technical learning, and research growth. An interactive quiz on space and cybersecurity engaged participants, with winners receiving prizes. Food coupons were provided to all attendees. The event concluded with a vote of thanks. Overall, IEEE E-Summit 2026 successfully promoted technical awareness, innovation, and industry exposure.

INTERNATIONAL CONFERENCE

6TH INTERNATIONAL CONFERENCE ON "ADVANCEMENTS IN NANO-ELECTRONICS & COMMUNICATION TECHNOLOGIES"

The 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026) was organized by the Department of Electronics & Communication Engineering at SKIT, Jaipur. The conference aimed to provide a global platform for researchers, academicians, and industry experts to present and discuss recent advancements in nano-electronics and communication technologies. The two-day conference witnessed enthusiastic participation from national and international delegates, promoting innovation, research collaboration, and interdisciplinary learning.



एसकेआईटी में अंतरराष्ट्रीय कॉन्फ्रेंस का आगाज

आईसीएनसीटी 2026 में देश विदेश के शोधार्थियों की भागीदारी

जयपुर, 18 मार्च (ब्यूरो): स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथान, जयपुर के इलेक्ट्रॉनिक्स एवं कम्युनिकेशन इंजीनियरिंग विभाग द्वारा आयोजित छठी अंतरराष्ट्रीय कॉन्फ्रेंस एडवॉन्समेंट इन नैनो इलेक्ट्रॉनिक्स एंड कम्युनिकेशन टेक्नोलॉजीज, आईसीएनसीटी 2026 का शुभारंभ हुआ।

विभागाध्यक्ष प्रो. प्रवीण कुमार जैन ने स्वागत उद्बोधन दिया। मुख्य अतिथि डॉ. एसरा ज़ायिम, इस्तांबुल टेक्निकल यूनिवर्सिटी, तुर्की और विशिष्ट अतिथि डॉ. किशोर कुमार सदासिवुनी, कतर यूनिवर्सिटी रहे। इस अवसर पर



कॉन्फ्रेंस स्मारिका का विमोचन हुआ। तकनीकी सत्र में डॉ. नेहा शर्मा, गवर्नमेंट इंजीनियरिंग कॉलेज अंबिकापुर ने पेरॉव्स्काइट्स पर व्याख्यान दिया, जबकि एसकेआईटी के डॉ. विकास पाठक ने जीनोमिक डेटा विश्लेषण विषय रखा। सत्र संचालन डॉ. आयशेगुल उयगुन ओक्सुज, सुलेमान

डेमिरेल यूनिवर्सिटी तुर्की और डॉ. नॉर्निकमैन हसन, यूटीईएम मलेशिया ने किया। धन्यवाद ज्ञापन प्रो. मुकेश अरोरा ने दिया। जनरल चैयर डॉ. मोनिका माथुर रही, समन्वयक डॉ. जयप्रकाश विजय, डॉ. नीरज जैन और संचालन डॉ. हर्षल निगम, सुश्री ग्लोरिया जोसेफ ने किया।

A Grand Beginning

The two-day international event commenced with an inspiring inaugural ceremony. Prof. Praveen Kumar Jain, Head of the Department of Electronics & Communication Engineering, welcomed the distinguished guests and participants while emphasizing the importance of collaborative research in addressing future technological challenges.

The conference was graced by eminent personalities, including Dr. Esra Zaim from Istanbul Technical University, Turkey, as the Chief Guest and Dr. Kishore Kumar Sadasivuni from Qatar University as the Guest of Honour. The official release of the conference souvenir marked the formal inauguration of ICANCT-2026 and set the stage for two days of intellectual exchange and innovation.

Expert Insights and Technical Deliberations

Dr. Neha Sharma presented an insightful lecture on “Spin Reorientation and Reversal of Magnetization in Perovskites,” highlighting the significance of advanced magnetic materials and their applications in next-generation electronic systems. Another engaging session was delivered by Dr. Vikas Pathak (Associate Professor, SKIT Jaipur) on “Hardware Architectures of Signal Processing Algorithms for Genomic Data Analysis.” The lecture showcased the growing intersection of signal processing, hardware design, and genomic research, opening new avenues for interdisciplinary innovation.

Technical sessions witnessed enthusiastic participation from researchers presenting cutting-edge work in nano-electronics, semiconductor technologies, wireless communication systems, artificial intelligence, and related domains. The sessions were chaired by distinguished international experts, including Dr. Ayşegül Uygun Öksüz from Turkey and Dr. Nornikman Hasan from Malaysia, who facilitated insightful discussions and knowledge sharing.

Exploring Future Technologies

The second day began with a thought-provoking lecture by Dr. Mukesh Kumar from IIT Indore, who discussed the latest developments in chip-scale optoelectronic devices, high-speed communication systems, and future research opportunities in integrated photonics.



A major attraction of the conference was the Poster Presentation Session, where 35 teams showcased innovative projects and research ideas spanning nano-electronics, advanced communication systems, artificial intelligence, and emerging technologies.



Recognizing Excellence

The presentations were evaluated by a distinguished panel comprising experts from leading institutions, including IIT Indore, MNIT Jaipur, and SKIT Jaipur. The evaluation process encouraged participants to refine their research perspectives while receiving valuable feedback from experienced academicians and researchers. The conference concluded with a memorable valedictory session during which outstanding contributions were recognized and awards were presented to deserving participants.



Faculty Development Program (FDP) on “Demystifying Outcome based Education” (In association with the Office of Faculty Affairs)

A one week Faculty Development Programme on “Demystifying Outcome-Based Education (OBE)” was Organized by the Departments of Electrical Engineering and Electronics & Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, from 23rd March to 28th March 2026, in association with the Office of Faculty Affairs.

The Faculty Development Program (FDP) aimed to provide valuable insights into Outcome-Based Education, focusing on aligning teaching methodologies, assessments, and learning outcomes to enhance academic effectiveness.

Teaching and learning methodologies have undergone a significant transformation, with a growing emphasis on Outcome-Based Education. The National Education Policy of 2020 requires educational institutions to adopt a learner-centered approach that places importance on what students should be capable of in the practical world once they finish their courses.

This FDP primarily aims to equip faculty with the necessary skills for defining the intended learning outcomes for students and structuring the educational process to attain these objectives. Student learning outcomes serve as the fundamental criteria guiding curriculum development or revision, the selection of instructional materials, the adoption of teaching methods, and the conduct of evaluations. The programme aimed to enhance faculty understanding of OBE principles, their implementation in higher education, and alignment with NBA accreditation requirements.

तकनीकी शिक्षा में ओबीई की प्रासंगिकता पर एफडीपी का आयोजन

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में आउटकम बेस्ड एजुकेशन पर तकनीकी शिक्षा में OBE की प्रासंगिकता पर पांच दिवसीय एफडीपी का शुभारंभ हुआ। एफडीपी का उद्देश्य तकनीकी शिक्षा जगह से जुड़े हुए प्रतिभागियों को आउटकम बेस्ड एजुकेशन के विभिन्न मानकों तथा उनकी गणना के नियमों से अवगत कराना है। कार्यक्रम का शुभारंभ मुख्य अतिथि राजस्थान तकनीकी विश्वविद्यालय (आरटीयू), कोटा के विद्युत विभाग के वरिष्ठ प्रोफेसर डॉ. डी. के. पलवालिया ने प्रतिभागियों को वर्तमान तकनीकी शिक्षा में आउटकम बेस्ड एजुकेशन की प्रासंगिकता पर व्याख्यान दिया।

डॉ. पलवालिया ने वर्तमान शैक्षणिक संघ में आउटकम बेस्ड एजुकेशन की आवश्यकता तथा क्रमिक विकास पर जानकारी दी। उन्होंने बताया कि ओबीई प्रणाली छात्रों के समग्र विकास पर केंद्रित है, जिसमें सीखने के परिणाम को स्पष्ट रूप से परिभाषित

डॉ. डी. के. पलवालिया ने शिक्षकों को सुझाव दिया कि वे वार्षिक शिक्षण पद्धति से अलग बड़ी छुर परिणाम-आधारित दृष्टिकोण अपनाएं, जिससे छात्रों की भागीदारी और प्रदर्शन में सुधार हो सके। साथ ही, उन्होंने बोर्ड आउटकम, प्रोग्राम आउटकम और उनके अवलोकन को प्रक्रिया कर भी सल तरीके से समझाया। कार्यक्रम में देशभर के तकनीकी संस्थानों जुड़े प्रतिभागियों ने सक्रिय भागीदारी निभाई। सत्र के अंत में प्रश्नोत्तर के माध्यम से प्रतिभागियों की विज्ञानसभों का समाधान किया गया। इस एक डी पी पर आयेवन संस्थान के इलेक्ट्रिकल तथा इलेक्ट्रॉनिक्स एंड कम्युनिकेशन विभाग द्वारा सम्मिलित रूप से किया जा रहा है। कार्यक्रम के सफेक डॉ. खंडेराव सांगतानी ने बताया कि एक डी पी के अगामी सेशन में OBE से संबंधित विषय प्रस्तुत किए जाएंगे।

किया जात है। इससे न केवल शिक्षण की व्यावहारिक समझ और कोशल भी प्रक्रिया प्रभावी बनती है, बल्कि छात्रों को बेहतर होते हैं।

Criterion 2: Outcome-Based Teaching Learning (120)

2.3. Internship/Industrial Training (10)
(Describe process, duration, POs/PSOs addressed.)

2.4. Seminar and Mini/Micro Projects (10)
(Describe process, POs/PSOs addressed.)

2.5. Case Studies and Real-Life Examples (10)
(Type and complexity, POs/PSOs addressed.)

2.6. SWAYAM/NPTEL/MOOC/Self Learning (10)
(Number of students registered, certification and POs/PSOs addressed.)

A. Documentary evidence of process of internship/ industrial training for students, number of students participated, relevant training documented and report, with a duration of not less than 2 weeks for the industrial training/internship.
B. Documentary evidence of mapping of internship and training programs for students to POs and PSOs
C. Documentary evidence of student feedback on industrial training and its analysis and actions taken.

PEOs (Samples)

PEO1:
Graduate will compete on a global platform to pursue their professional career in Electrical Engineering and allied disciplines.

PEO2:
Graduates will pursue higher education and/or engage in continuous up gradation of their professional skills.

PEO3:
Graduate will communicate effectively and will demonstrate professional behavior while working in diverse team.

PEO4:
Graduates will demonstrate concern for society and environment.

Vision and Mission Statements

- Statements help in defining aspirations and to remain focused
- Should be written in a simple language, easy to communicate and should define objectives which present near future of the Institute
- Vision statement is dream of where one wants Institute to be and inspires all the stake holders
- Mission statements are actionable statements that guide the stake holders to act

6G: ENABLING THE INTELLIGENT AND CONNECTED WORLD

The Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur, successfully organized an expert session under the aegis of the IEEE Microwave Theory and Technology Society (IEEE MTT-S) on the topic "6G: Enabling the Intelligent and Connected World."

The session featured Dr. Anirudh Agarwal, Assistant Professor, Department of Electronics and Communication Engineering, and Lead, Centre for Next Generation Communication and Networking, LMNIIT Jaipur, as the keynote speaker. He delivered an insightful and forward looking talk on the evolution of wireless communication technologies, emphasizing the transformative potential of 6G in building a highly intelligent and seamlessly connected global ecosystem.

Dr. Agarwal elaborated on how 6G is expected to surpass 5G in terms of ultra-low latency, higher data transmission speeds, enhanced reliability, and the integration of advanced technologies such as artificial intelligence, machine learning, and edge computing. He also highlighted real-world applications, including smart cities, autonomous systems, immersive extended reality (XR), and advanced healthcare systems enabled by next-generation networks.

The interactive nature of the session encouraged students to actively participate, ask questions, and deepen their understanding of emerging communication technologies. Attendees gained valuable insights into how 6G will redefine connectivity and open new avenues for innovation across industries.

एसकेआईटी जयपुर में 6G पर विशेषज्ञ व्याख्यान आयोजित

(गुरु लक्ष्मण नेटवर्क)
जयपुर (बीराम इंदिरा):
स्वामी केशवानंद इंस्टीट्यूट ऑफ
टेक्नोलॉजी, मैनेजमेंट एंड
ग्रामोथान (SKIT), जयपुर में
गुरु लक्ष्मण नेटवर्क के अंतर्गत
टैक्नोलॉजी सोसायटी (IEEE
MTT-S) के तत्वावधान में
'6G: Enabling the
Intelligent and Connected
World' विषय पर विशेषज्ञ सत्र
का आयोजन किया गया। इस
अवसर पर एग्जिक्यूटिव डायरेक्टर,
जयपुर के इलेक्ट्रॉनिक्स एंड
कम्युनिकेशन इंजीनियरिंग विभाग
के सहायक प्रोफेसर एवं सेंटर फॉर
नेक्स्ट जेनरेशन कम्युनिकेशन एंड
नेटवर्किंग के लीड डॉ. अनिरुद्ध
आगरवाल मुख्य वक्ता रहे। उन्होंने



वैश्वस्तरीयता प्रदान करेंगे, साथ
कार्यक्रम का संभावन डॉ. नीलम
डी. अद्वैतचिंतन इंजीनियरिंग,
बीबी, डॉ. शुभी जैन एवं डॉ. हर्शल
के भीषण में होने वाले प्रश्नों के
बाद में महत्वपूर्ण जानकारी प्रदान



The session was effectively coordinated under the guidance of Dr. Nilam Choudhary, Advisor, IEEE SKIT, Dr. Shubhi Jain, Associate Professor, Department of ECE, SKIT and Faculty Coordinator, MTT-S IEEE SKIT and Dr. Harshal Nigam, Associate Professor, Department of ECE, SKIT and Faculty Coordinator, MTT-S IEEE SKIT.



One Week Skill Development Program for Technical Staff on “ PCB Designing and Fabrication ”

The Department of Electronics & Communication Engineering, SKIT, Jaipur, organized a One Week Skill Development Program for Technical Staff on "PCB Designing and Fabrication" from June 05-11, 2026. The program aimed to enhance the practical skills of technical staff in PCB design, simulation, and fabrication using industry-relevant tools and techniques. The sessions were conducted by Dr. Ankit Agarwal.

The training provided hands-on experience with Proteus Professional and KiCAD for schematic design, circuit simulation, PCB layout creation, component placement, routing, and generation of manufacturing files.



Participants learned best practices for designing reliable and efficient printed circuit boards. A key highlight of the program was practical training in PCB fabrication using both chemical etching and PCB prototyping machine methods. The participants gained experience in PCB printing, etching, drilling, milling, soldering, testing, and quality inspection, enabling them to fabricate and validate functional PCB prototypes.

The program significantly strengthened the technical capabilities of the laboratory staff, equipping them to support laboratory experiments, student projects, and research activities more effectively.

The Department of Electronics & Communication Engineering extends its sincere appreciation to Dr. Ankit Agarwal for his valuable guidance and hands-on training, which made the program highly informative and successful.



FACULTY RESEARCH ACTIVITIES

PAPERS PUBLISHED IN JOURNAL/ CONFERENCE PROCEEDINGS

TITLE: Electrical Parameters for CIGS Thin-Film Solar Cell Fabricated using ZnO Buffer Layer

AUTHOR/S: Swati Arora

JOURNAL: International Journal on Science and Technology, UGC CARE List-I, ISSN: 2229-7677, Volume: 13, Issue: 1, Pages: 333-337, 2026

TITLE: Performance Optimization of CIGS Thin Film Solar Cell Using SCAPS

AUTHOR/S: Swati Arora

JOURNAL: Recent Advances in Electrical & Electronic Engineering, Scopus Indexed, ISSN (Print): 2352-0965, ISSN (Online): 2352-0973, Volume: 8, Issue: 1, Pages: 1-9, 2026

TITLE: Millimeter Wave Wideband Patch Antenna with DGS Slots and Truncated Corners for 5G Applications

AUTHOR/S: Mukesh Arora

JOURNAL: Progress In Electromagnetics Research C, Scopus Indexed, ISSN: 1937-8718, Volume: 167, Pages: 149-154, 2026

TITLE: Efficient Circular Fractal Antennas for UWB Applications in Wireless Networks

AUTHOR/S: Suman Sharma

PROCEEDING: Proceedings of SPIE, Sixth International Conference on Optical and Wireless Technologies (OWT 2025), ISSN: 0277-786X, Volume: 14168, Pages: 1-6, 2026

TITLE: Comparative Analysis of Machine Learning Models for Performance Evaluation of Defective Plasmonic Grating Sensor

AUTHOR/S: Priyanka Sharma, Rukhsar Zafar

PROCEEDING: Proceedings of SPIE, Sixth International Conference on Optical and Wireless Technologies (OWT 2025), ISSN: 0277-786X, Volume: 14168, Pages: 1-7, 2026

TITLE: A Sustainable 6G Communication Framework for Reliable D2D and V2X Services via Network Slicing and NFV

AUTHOR/S: Shubhi Jain

JOURNAL: European Journal of Clinical Pharmacy, Kuwait Scientific Society Rasgo, pp.2246-2255,2026

TITLE: Role of Radio Frequency Technology in Biomedical Applications: A Review

AUTHOR/S: Monika Mathur

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 12-16, 2026

TITLE: High Quality Plasmonic Notch Filter Using a Coupled Elliptical Resonator in MIM Waveguide

AUTHOR/S: Rukhsar Zafar

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 17-22, 2026

TITLE: Design of a Dual-Band Microstrip Patch Antenna for Wi-Fi and IoT Devices

AUTHOR/S: Pallav Rawal, Rajni Idawal

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 23-26, 2026

TITLE: A Review on Optimizations and Trends of Systolic Array-Based DNN Architectures

AUTHOR/S: Vikas Pathak

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 27-31, 2026

TITLE: Next Generation Antenna Technology for 6G

AUTHOR/S: Shubhi Jain, Neeraj Jain

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 32-36, 2026

TITLE: Effect of External Temperature and Electric Field on Optical Gain of $\text{Al}_{0.2}\text{Ga}_{0.32}\text{In}_{0.44}\text{P}/\text{Ga}_{0.4}\text{In}_{0.6}\text{P}/\text{Al}_{0.2}\text{Ga}_{0.32}\text{In}_{0.44}\text{P}$ Type-I Quantum Well Heterostructure

AUTHOR/S: Jayprakash Vijay

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 36-40, 2026

TITLE: Efficient VLSI Architecture of K-Means Clustering for Microarray Data Analysis

AUTHOR/S: Mamta Jain, Vikas Pathak

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 41-45, 2026

TITLE: Smart Heart Rate Monitoring System

AUTHOR/S: Kiran Rathi, Suman Sharma

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 46-49, 2026

TITLE: Design and Development of an IoT, Artificial Intelligence and 5G Enabled Autonomous River Cleaning Robot using ESP32 for Smart Environmental Monitoring

AUTHOR/S: Neeraj Jain

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 84-88, 2026

TITLE: AI-Based Smart Helmet System for Rider Safety with Accident Detection, Alcohol Sensing, and Wear Monitoring

AUTHOR/S: Neeraj Jain

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 89-92, 2026

TITLE: Comparative Analysis of Flexible and Wearable Antenna Technologies for On-Body and 5G Wireless Applications

AUTHOR/S: Pallav Rawal

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 50-53, 2026

TITLE: Disease Detection and Classification Employing Multi-Omic and Image Data Using Machine Learning: A Review

AUTHOR/S: Vikas Pathak, Mamta Jain

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 54-58, 2026

TITLE: A Review of Antenna Design Strategies for 5G/B5G-Enabled IoT Networks

AUTHOR/S: Suman Sharma

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 60-61, 2026

TITLE: IoT Based Smart Home Security System

AUTHOR/S: Harshal Nigam

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 93-95, 2026

TITLE: Design and Analysis of Microstrip Patch Antenna for mmWave 5G Application

AUTHOR/S: Suman Sharma, Shubhi Jain

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 96-99, 2026

FACULTY RESEARCH ACTIVITIES

PAPERS PUBLISHED IN JOURNAL/ CONFERENCE PROCEEDINGS

TITLE: AI Based Electric Power Theft Detection System

AUTHOR/S: Suman Sharma, Kiran Rath

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 100-103, 2026

TITLE: Smart Farming Using Drones: Applications and Technological Advancements

AUTHOR/S: Neeraj Jain

PROCEEDING: Proceedings of the 6th International Conference on Advancement in Nano Electronics & Communication Technologies (ICANCT-2026), ISBN: 978-81-954233-6-1, Pages: 104-106, 2026

TITLE: Adaptive Security Orchestration in High-Speed SDN/NFV Architectures

AUTHOR/S: Dr. Shubhi Jain

CONFERENCE: 13th International Conference on Computing for Sustainable Global Development (INDIACom), 2026

DOI: [10.23919/INDIACom70271.2026](https://doi.org/10.23919/INDIACom70271.2026)

TITLE : Wearable 5G Microstrip Patch Antenna Design with Bending and On-Body Performance Analysis

AUTHOR/S: Rajni Idwal, Monika Mathur

PROCEEDING: Proceedings of 4th International Conference on Automation , Computing and Renewable Systems , Dec. 10 to 12, 2025, (ICACRS)-2025

TITLE: Numerical Simulation and Optimization of α -IGZO Thin Film Transistor

AUTHOR/S: Abhinandan Jain and Praveen Kumar Jain

CONFERENCE: 9th IEEE International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, 2026, pp. 637-642, doi: 10.1109/ICOEI68323.2026.11542049.

FACULTY ACADEMIC ACTIVITIES

FACULTY DEVELOPMENTS PROGRAMS/WORKSHOPS/STTPS/SUMMER SCHOOLS/ REFRESHER COURSES ATTENDED

TITLE: Demystifying Outcome Based Education-FDP

DATE: 23rd March to 28th March ,2026

ATTENDED BY: Dr. J.P. Vijay, Ms. Mamta Jain, Dr. Kiran Rath, Dr. Rukhsar Zafar, Dr. Suman Sharma

ORGANIZED BY: SKIT,M&G Jaipur

TITLE : One Week Short-Term Course on Computational Signal Processing and VLSI for Advanced Communication Systems

DATE : 20th April 2026 to 25th April 2026

ATTENDED BY : Ms. Gloria Joseph

ORGANIZED BY : NIT Delhi

TITLE : Innovation shaping the future of Civil Engineering

DATE : 9th -13th March 2026

ATTENDED BY : Dr. Shubhi Jain

ORGANIZED BY : SKIT,M&G Jaipur

TITLE : FDP on "CMOS Digital VLSI Design"

DATE : Jan - March, 2026

ATTENDED BY : Dr. Vikas Pathak

ORGANIZED BY : NPTEL

TITLE : FDP on "Switching Circuit & Logic Design"

DATE : Jan - April, 2026

ATTENDED BY : Dr. Vikas Pathak

ORGANIZED BY : NPTEL

TITLE : Six Days FDP on Disruptive Technologies

DATE : 22th-27th June, 2026

ATTENDED BY : Dr. Shubhi Jain

ORGANIZED BY : Panimalar Engineering College

TITLE: Faculty Development Program (FDP) on "Recent Trends in Sustainable Engineering Concepts"

DATE: 6th-10th April, 2026

ATTENDED BY: Dr. Shubhi Jain

ORGANIZED BY: SKIT,M&G Jaipur

FACULTY ACADEMIC ACTIVITIES

FACULTY DEVELOPMENTS PROGRAMS/WORKSHOPS/STTPS/SUMMER SCHOOLS/ REFRESHER COURSES ATTENDED

TITLE : Faculty Development Program on "Advancement in Semiconductor: Current Aspects & Challenges"

DATE : 27th January to 31st January 2026

ATTENDED BY : Dr. Vikas Pathak, Ms. Mamta Jain, Ms. Gloria Joseph, Dr. Suman Sharma

ORGANIZED BY : SKIT, M&G Jaipur

TITLE : One-Month Short Term Course on "RTL Design, Simulation and Synthesis"

DATE : 20th May 2026 to 20th June 2026

ATTENDED BY : Dr. Swati Arora

ORGANIZED BY : Manipal University Jaipur (MUJ)

TITLE : Hands-on Training Session on "VLSI Design - 2026"

DATE : 20th May 2026 to 25th May 2026

ATTENDED BY : Dr. Swati Arora

ORGANIZED BY : Birla Institute of Technology Mesra, Off-Campus Jaipur

TITLE: QT-06 Quantum Communication

DATE: 5th January- 31st January, 2026

ATTENDED BY: Prof. Monika Mathur, Dr. Rukhsar Zafar, Ms. Gloria Joseph

ORGANIZED BY: Jointly Organized by EICT Academy, MNIT Jaipur & AP State Council for Higher Education (APSCHE)

TITLE : FDP on Quantum Materials

DATE : 9th March 2026 to 2nd April 2026

ATTENDED BY : Ms. Gloria Joseph

ORGANIZED BY : Electronics and ICT Academy, MNIT Jaipur

TITLE : 6 Days National Level Faculty Development Program (FDP) on Generative and Agentic AI: Tools and Demo's

DATE : 16th February 2026 to 21st February 2026

ATTENDED BY : Dr. Ankit Agarwal, Dr. Harshal Nigam

ORGANIZED BY : SVNIT Surat

TITLE : STC on "Emerging Trends in Electric Vehicle and Smart Grid Technology"

DATE : 19th January 2026 to 24th January 2026

ATTENDED BY : Dr. Swati Arora, Mr. Abhinandan Jain

ORGANIZED BY : SKIT, M&G Jaipur

TITLE : AICTE Training And Learning (ATAL) Academy FDP on Recent Trends in Semiconductor Technology and Role of AI in Chip Design and Fabrication

DATE : 19th January 2026 to 24th January 2026

ATTENDED BY : Ms. Rajni Idwal

ORGANIZED BY : V.V.P. Engineering College

TITLE : One Week FDP on "Advances in Renewable Energy: Emerging Systems and Sustainable Solutions"

DATE : 27th January 2026 to 31st January 2026

ATTENDED BY : Dr. Swati Arora

ORGANIZED BY : SKIT, M&G Jaipur

TITLE : One Week Online FDP on "Recent Trends in Material Science and Engineering"

DATE : 24th February 2026 to 28th February 2026

ATTENDED BY : Dr. Swati Arora, Ms. Mamta Jain

ORGANIZED BY : SKIT, M&G Jaipur

TITLE : Faculty Development Program on AI and Machine Learning: Foundation to Frontier Application

DATE : 23rd February 2026 to 9th March 2026

ATTENDED BY : Dr. Ankit Agarwal

ORGANIZED BY : Electronics and ICT Academy, MNIT Jaipur

TITLE : FDP on Docker

DATE : 16th February 2026 to 20th February 2026

ATTENDED BY : Dr. Harshal Nigam, Ms. Priyanka Sharma

ORGANIZED BY : SKIT, M&G Jaipur

FACULTY ACHIEVEMENTS

- **Dr. Kiran Rathi**

Ahilya Bai Holkar Prerak Matri Shakti Award-2026 - Jeevan Suraksha & Paryavaran Raksha Sansthan

- **Dr. Suman Sharma**

IEEE Senior Member Award - IEEE

Best Paper Award - International Conference "OWT-2025"

- **Dr. Shubhi Jain**

Nobel Research Award (International Award) - SKIT, M&G, Jaipur.

- **Ms. Priyanka Sharma and Dr. Rukhsar Zafar**

Best Paper Award - International Conference "OWT-2025"

- **Dr. Swati Arora**

Invited Lecture at Edinbox Regional Higher Education Summit (20 April 2026) - Rajasthan International Centre, Jhalana Doongri, Jaipur.

- **Dr. Rukhsar Zafar** delivered an Expert Talk on "Plasmonics as a Next-Generation Chip-Scale Platform" in Advancement in Semiconductor: Current Aspects and Challenges.

- **Dr. Vikas Pathak** delivered an Expert Talk on "VLSI Signal Processing of Genomic DNA Sequences" in ICANCT-2026.

- **Dr. Ankit Agarwal** delivered an Expert Talk on "IoT Prototyping using Arduino" (6 January 2026) - IIT Madras

- **Prof. Praveen Kumar Jain** delivered an Expert Talk on "Emerging Trends in Resistive Random Access Memory" in Advancement in Semiconductor: Current Aspects and Challenges.

- **Prof. Praveen Kumar Jain, Dr. Ankit Agarwal & Dr. Shubhi Jain** completed Industrial Training and Internship of 6 weeks on Internet of Things (IoT) and successfully implemented the Project Titled "WATER QUALITY MONITORING SYSTEM BASED ON IOT" with Grade "A++" by Academy of Skill Development.

- **Dr.J.P.Vijay** received certificate of appreciation as a mentor by NPTEL-SWAYAM for course "Analog and Digital Communications I (Hinglish)".

- **Mr. Abhinandan Jain** received certificate of appreciation as a mentor by NPTEL-SWAYAM for course "Microprocessors and Microcontrollers".



PH.D. AWARDED

THESIS TITLE: Design of Microstrip Antenna Array with Multiple Beams for 5G Applications

Ph.D. AWARDED TO: Harshal Nigam

SUPERVISED BY: Prof. Monika Mathur

INSTITUTE: SKIT, M & G, Jaipur

YEAR: 2026

THESIS TITLE: Investigation on Plasmonic Based Refractive Index Sensing using coupled Resonators

Ph.D. AWARDED TO: Yazusha Sharma

SUPERVISED BY: Dr. Rukhsar Zafar

INSTITUTE: SKIT, M & G, Jaipur

YEAR: 2026



Book Published

TITLE: Design and Fabrication of Metal Metalloid Thin Film Transistor

AUTHOR/S: Swati Arora

BOOK: LAP Lambert Academic Publishing, ISBN: 978-620-9-72239-4, Book, 2026

NPTEL SWAYAM Certifications

List of Students (Jan-Apr 2026)

S.NO.	Name of the Student	Name of the course	Remark (Meritorius mentions)
1	Meenesh Kumar sain	Signals and Systems	Elite+gold (Topper of 5% in this course)
2	Khwahish Rogha	The Joy of Computing using Python	Elite+gold
3	Prathmesh Narwaria	The Joy of Computing using Python	Elite+Silver
4	Sandeep Kumar	Foundation for Virtual and Augmented Reality Systems	Elite+Silver
5	Shivam Choudhary	Enhancing Soft Skills and Personality	Elite+Silver
6	Mayur Sharma	Enhancing Soft Skills and Personality	Elite+Silver
7	Saurav sharma	Introduction to Industry 4.0 and Industrial Internet of Things	Elite+Silver
8	Sameer Kothari	Programming, Data Structures And Algorithms Using Python	Elite
9	Komal	Analog Circuits	Elite
10	Aayush Jha	Sensors and Actuators	Elite
11	Yash Mittal	The Joy of Computing using Python	Elite
12	Tanishq Nagar	The Joy of Computing using Python	Elite
13	Saurav sharma	The Joy of Computing using Python	Elite
14	Ashish Gurjar	Transducers for Instrumentation	Elite
15	Neeraj Menariya	Analog and Digital Communications I (H)	Elite
16	Vansh arora	Analog and Digital Communications I (H)	Elite
17	Nirmal Singh Chouhan	Analog and Digital Communications I (H)	Elite
18	Aditya Sharma	Principles of Signals and Systems	Elite
19	Sahil bohra	Education for Sustainable Development	Elite
20	Khwahish Rogha	Microprocessors and Microcontrollers	Elite

List of Students (Jan-Apr 2026)

S.NO.	Name of the Student	Name of the course	Remark (Meritorius mentions)
21	Vansh arora	Microprocessors and Microcontrollers	Elite
22	Parth Malsaria	Microprocessors and Microcontrollers	Elite
23	Shubh Mittal	Python for Data Science	Successfully completed
24	Rahul Beniwal	Foundations of Accounting & Finance	Successfully completed
25	Abhimanyu Singh Rathore	Introduction to Large Language Models (LLMs)	Successfully completed
26	Aayush Jha	Introduction to Machine Learning	Successfully completed
27	Keshav saini	Digital Electronic Circuits	Successfully completed
28	Rahul Beniwal	The Joy of Computing using Python	Successfully completed
29	Jayesh Kumar Dubey	The Joy of Computing using Python	Successfully completed
30	Arpit Gaur	Analog and Digital Communications I (Hinglish)	Successfully completed
31	Pintu Bagoria	Analog and Digital Communications I (Hinglish)	Successfully completed
32	Shivang gupta	Data Analytics with Python	Successfully completed
33	Vineet Sharma	Principles of Signals and Systems	Successfully completed
34	Navika Khandelwal	Principles of Signals and Systems	Successfully completed
35	Rajveer singh Naruka	Data Analytics with Python	Successfully completed
36	Harshita Saini	Principles of Signals and Systems	Successfully completed
37	Piyush	Microprocessors and Microcontrollers	Successfully completed
38	Preksha Jain	Microprocessors and Microcontrollers	Successfully completed
39	Ashish Gurjar	Microprocessors and Microcontrollers	Successfully completed
40	Aditya Sharma	Microprocessors and Microcontrollers	Successfully completed

NPTEL SWAYAM Certifications

S.NO.	Name of the Student	Name of the course	Remark (Meritorius mentions)
41	Prathmesh Narwaria	Microprocessors and Microcontrollers	Successfully completed
42	Nirmal Singh Chouhan	Microprocessors and Microcontrollers	Successfully completed
43	Aditya Sankhla	Microprocessors and Microcontrollers	Successfully completed
44	Navika Khandelwal	Microprocessors and Microcontrollers	Successfully completed
45	Anshul garg	Microprocessors and Microcontrollers	Successfully completed
46	Ankit Kumar Yadav	Microprocessors and Microcontrollers	Successfully completed
47	Hemant	Microprocessors and Microcontrollers	Successfully completed
48	Vineet Sharma	Microprocessors and Microcontrollers	Successfully completed
49	Raghav Dhakar	Microprocessors and Microcontrollers	Successfully completed
50	Shubh Mittal	Microprocessors and Microcontrollers	Successfully completed
51	Neeraj Menariya	Microprocessors and Microcontrollers	Successfully completed
52	Hemant	Computer Vision and Image Processing - Fundamentals and Applications	Successfully completed

List of Faculties (Jan - April. 2026)

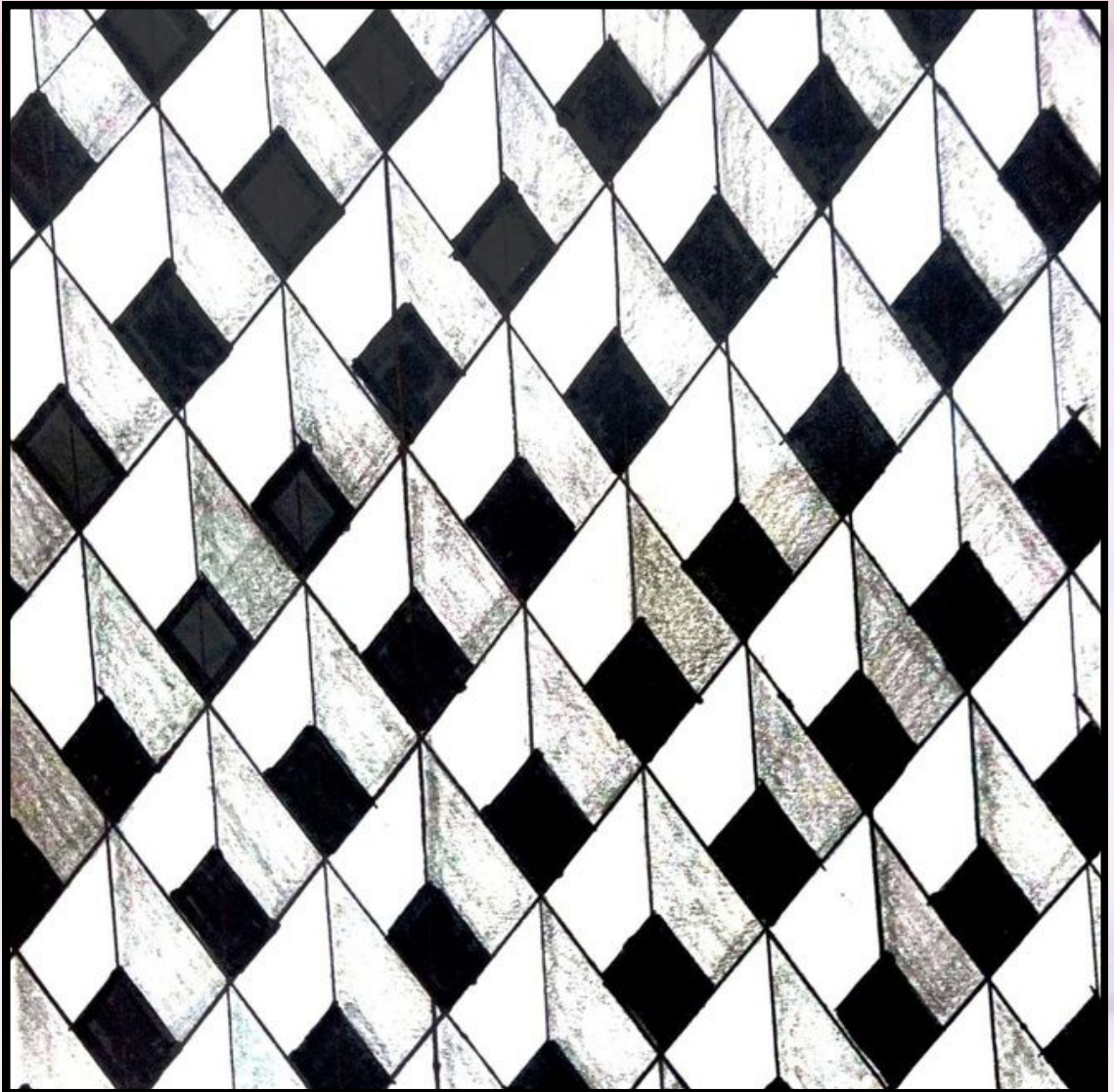
S. No.	Name of the Faculty Member	Name of the Course	Remark (Meritorius mentions)
1	Kiran Rathi	Education for Sustainable Development	Elite+gold (1% Topper)
2	Abhinandan Jain	Switching Circuits and Logic Design	Elite+Silver (5% Topper)
3	Vikas Pathak	CMOS Digital VLSI Design	5% Topper
4	Vikas Pathak	Switching Circuits and Logic Design	Elite+Silver
5	Mamta Jain	Switching Circuits and Logic Design	Elite+Silver
7	J P Vijay	Analog and Digital Communications I (Hinglish)	Elite+Silver
8	Shubhi Jain	Enabling Technologies for 6G Communications Networks (Hindi)	Elite
9	Neeraj Jain	Switching Circuits and Logic Design	Elite



DR. KIRAN RATHI
ASSOCIATE PROFESSOR, ECE

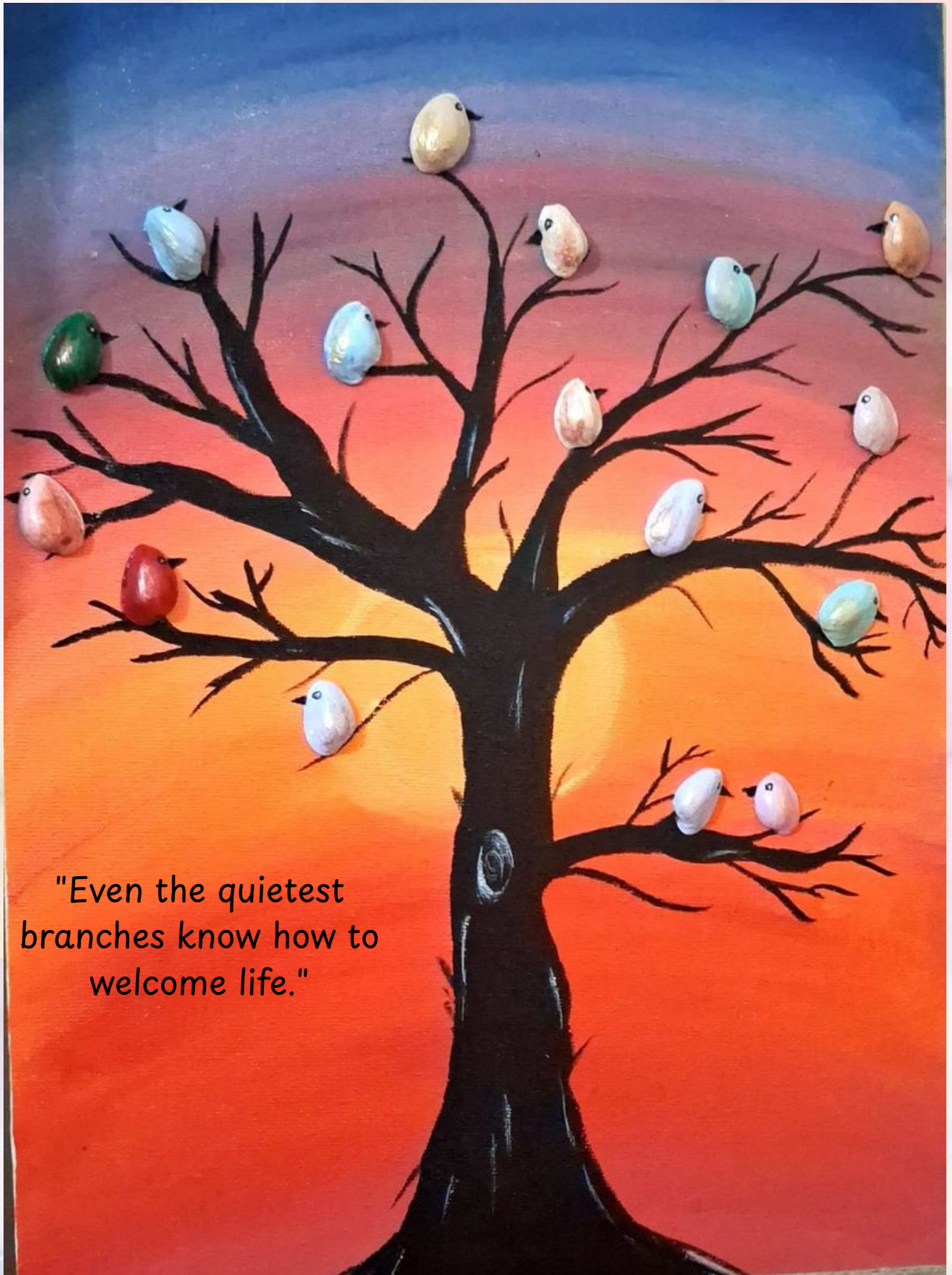


हर कोने की अपनी एक कहानी है,
हर **LINE** की अपनी एक पहचान है...
SIMPLE सी दिखती इस **DRAWING** में,
PEN, PENCIL, SCALE, सबका अपना योगदान है...
इसी तरह **LIFE** के इस **CANVAS** में,
हर इंसान जिससे हम मिलते हैं,
वो **LIFE** के **CANVAS** पर बन रही **PAINTING** के
कुछ हिस्से बन जाते हैं,
कुछ सुने, कुछ अनसुने किस्से बन जाते हैं।
इसलिए **DRAWING & LIFE**, दोनों में सीखना जारी है...।





NAME:- KHUSHBOO
BRANCH & YEAR: ECE & 2ND



NAME - Shraddha Sharma

PASSOUT BATCH - 2016

Currently Company Name - Hughes Systique Corporation

Designation - RTL Design Engineer

Location - Bengaluru, Karnataka



Dear Juniors -

My journey from SKIT to working on critical FPGA and digital design projects in the space, defense and industrial domains has been both challenging and rewarding. The strong technical foundation, problem-solving mindset and learning attitude that I developed during my time at SKIT played a significant role in shaping my career.

After graduating in 2016, I started my professional journey in the Indian Space Research Organisation (ISRO), where I contributed to FPGA development for prestigious missions such as PSLV, SSLV, Oceansat, NavIC and Gaganyaan. These opportunities taught me the importance of discipline, perseverance, teamwork and continuous learning while working on technologies that have a direct impact on society and national development.

Currently, I am working as an RTL Design Engineer at Hughes Systique Corporation, focusing on FPGA-based system design, RTL development, verification and embedded processing solutions.

My message to all SKIT students is simple: stay curious, build strong fundamentals and never stop learning. Technology evolves rapidly and success belongs to those who continuously upgrade their skills. Do not be afraid of challenging opportunities—they often become the biggest turning points in your career. Focus on understanding concepts deeply, work consistently toward your goals, and believe in your ability to grow. Every small effort you make today will contribute to the professional you become tomorrow.

I am proud to be an alumnus of SKIT and wish all students the very best for their future endeavors.

NAME: Shreya Bhatia

PASSOUT BATCH: 2017

Currently Company Name: Kyndryl

Designation: Lead II, Data Analysis

Location: Bengaluru, India



Dear Juniors:

My journey from SKIT to where I am today has been one of continuous learning, resilience, and curiosity. The foundation I built during my college years—both technically and personally—played a crucial role in shaping my career in data analytics.

To my juniors, I would say: focus on building strong fundamentals, but don't limit yourself to academics alone. Explore internships, real-world projects, and develop problem-solving skills. The industry values adaptability and a

learning mindset just as much as technical expertise.

Don't be afraid to step out of your comfort zone—whether it's trying a new technology, participating in competitions, or networking with peers and professionals. Every experience contributes to your growth.

Most importantly, stay consistent and believe in your journey. Success doesn't happen overnight, but with patience and perseverance, you can achieve anything you set your mind to.

Wishing you all the very best for a bright and successful career ahead!

NAME: Jamuna Jangid

PASSOUT BATCH: 2024

Company name : Bharat electronics limited

Designation : Probationary engineer

Department : PA(AVIONICS)

Location : BEL kotdwar uttrakhand



Hey Juniors,

I'm really happy to share that I've joined Bharat Electronics Limited (BEL) as a Probationary Engineer at the Kotdwar Unit.

Looking back, my journey was not easy, everything tested me. But every challenge made me stronger and taught me one thing: you don't need to be perfect, you just need to keep moving forward.

I want to tell you all — never give up on your dreams just because the path looks difficult. Believe me, consistency, sincerity, and self-belief can take you places you never imagined.

Work on your basics, stay disciplined, and have patience. There will be days when things feel impossible, but those are the days that shape you.

If I can do it, you definitely can too. ✨

Keep learning, stay humble, and always believe in your own journey.

Wishing you all success and happiness ahead!

Name - Milan Sharma

Passout batch - 2017

Current Company - Cabinet Secretariat, Govt. of India

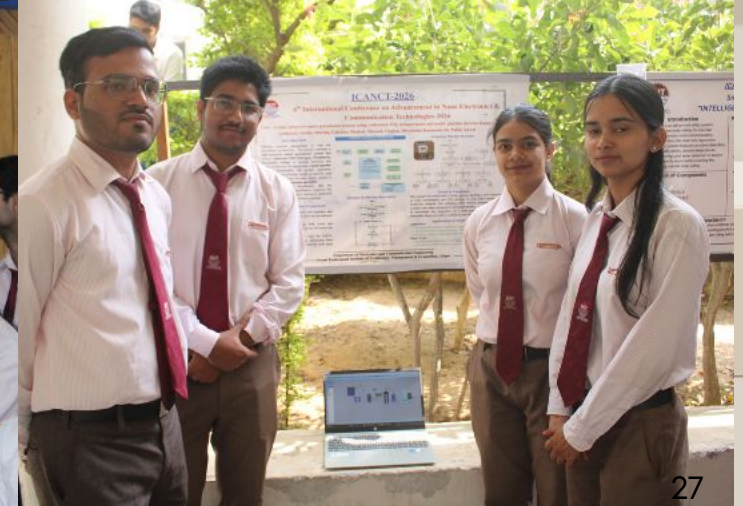
Designation - Technical Executive Officer

Location - New Delhi

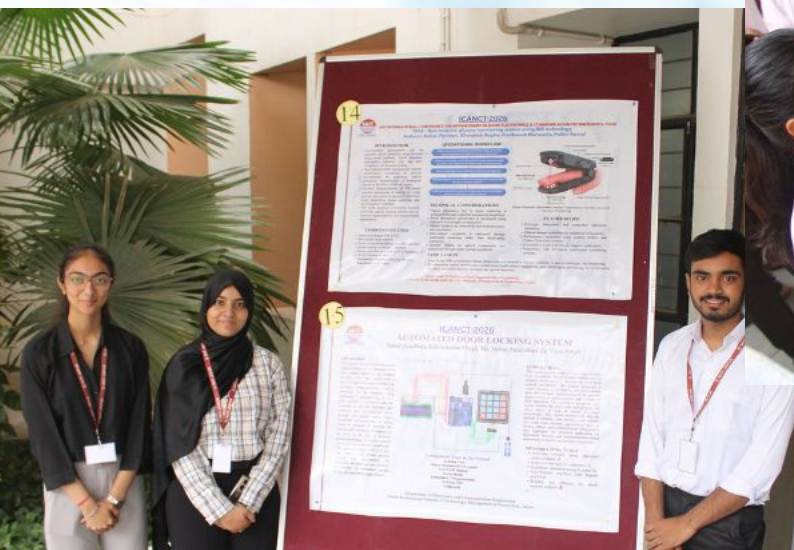
Message to Juniors - Always keep trying, keep learning, and always be proud to be an engineer.



STUDENT CORNER



EVENTS GLIMPSES





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Management & Gramothan, Jaipur**
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