



THE ONLY AFFILIATED
TECHNICAL INSTITUTE IN
RAJASTHAN WITH 3.67 CGPA
ON 4 POINT SCALE



Swami Keshvanand
(1883-1972)



THE SKIT TIMES

1 Nov 2025 TO 28 Feb 2026

ISSUE - 62

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 the field of engineering & management by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students

EDITOR-IN-CHIEF

DR. SHEEBA ANJUM
ASSISTANT PROFESSOR, DEPT. OF ENGLISH

CO-EDITORS

DR. DEEPIKA KHANDELWAL (ASSISTANT PROFESSOR, DEPT. OF MATHEMATICS)
DR. SHIV PRIYA (ASSISTANT PROFESSOR, DEPT. OF ENGLISH)

STUDENT EDITORS

ROHIT THANVI, CS, III YEAR
AVANI SHRIMALI, AI, III YEAR
FALAASHA NOTHALIA, AI, III YEAR
AJO GEORGE MATHEWS, CSE, II YEAR
CHITRANSHI MODI, CSE, II YEAR

PUBLISHER

PROF. (DR.) S.L. SURANA
DIRECTOR (ACADEMICS)

SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN

Ramnagar, Jagatpura, Jaipur-17 (Raj.) India
Tel.: 0141-2752165, 2752167 | Fax: 2759555
Website: www.skit.ac.in • Email: info@skit.ac.in

DISCLAIMER

The views expressed by the authors in the write-ups are their own.
THE SKIT TIMES is in no way responsible for any liability arising
out of the content of these.

DEPARTMENT EDITORS

MR. VIKASH DHANKAR
ASSISTANT PROFESSOR, DEPT. OF CSE

MS. NIKHAR BHATNAGAR
ASSISTANT PROFESSOR, DEPT. OF IT

MS. PRIYANKA SHARMA
ASSISTANT PROFESSOR, DEPT. OF ECE

MR. VIVEK SHARMA
ASSISTANT PROFESSOR, DEPT. OF EE

MS. NAMITA SONI
ASSISTANT PROFESSOR, DEPT. OF ME

DR. MANEESHA KAUSHIK
ASSOCIATE PROFESSOR, DEPT. OF MGT. STUDIES

DR. BHARATHI M
ASSOCIATE PROFESSOR, DEPT. OF CE

DR. SHARDA SONI
PROFESSOR, DEPT. OF CHEMISTRY

MS. SURBHI SHARMA
ASSISTANT PROFESSOR, DEPT. OF MATHEMATICS

DR. RAJIV KUMAR
ASSOCIATE PROFESSOR, DEPT. OF PHYSICS

CONTENTS

CAMPUS PRIME	2-3	DEPARTMENT. OF MBA	30-32
ECA CELL ACTIVITIES	3-4	DEPARTMENT. OF BASIC SC. & HUM.	32-38
DEPARTMENT. OF CSE & IT	4-15	PAPER PUBLISHED	38-43
DEPARTMENT. OF ME	16-21	THE ENGLISH ENCLAVE	43-44
DEPARTMENT. OF ECE	22-27	हिन्दी अनुभाग	45
DEPARTMENT. OF EE	27-28		
DEPARTMENT. OF CE	28-30		

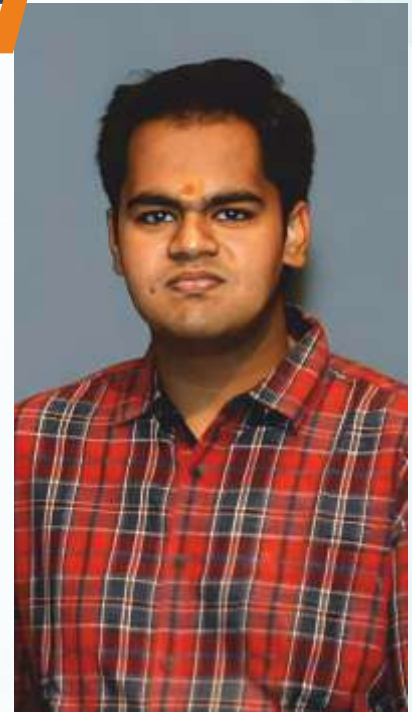
OUTSOURCING THE MIND

There is a peculiar silence settling over human thought today. Not the silence of peace, but of substitution. We no longer pause to think; we prompt. The contemplative labor of ideation, of wrestling with uncertainty, is being replaced by the ease of instant articulation.

What we once called curiosity now arrives pre-packaged, articulated by systems that complete our sentences before we complete our ideas. In classrooms, assignments are no longer reflections of thought but compilations of generated coherence. In conversations, originality is dissolving into algorithmic optimization. In creativity itself, the mind has begun to outsource its most sacred function - reasoning. From essays to reels, from headlines to code, the human signature is dissolving into algorithmic fluency.

And yet, this is not a simple story of decline. Artificial Intelligence has, in many ways, refined our intellectual chaos. It has turned confusion into clarity, dismantled erstwhile barriers to access, and allowed ideas to travel faster than ever before. It has not just answered questions; it has exposed how many questions we were never asking. In subtle ways, it has even become a mirror - reflecting both the brilliance and the fragility of human thought.

But somewhere between assistance and dependence, a threshold was crossed - quietly, conveniently, almost gratefully. The danger is not that machines are thinking, but that we are thinking less. When ease replaces effort, comprehension gives way to consumption, and reasoning becomes optional.



Perhaps the systems are evolving. But are we?

Perhaps even the submissions I receive for this very magazine carry a trace of AI, polished, precise, and yet curiously detached from the friction that gives thought its depth.

The question, then, is not whether AI can think for us. It is whether we still can, when it does not. Whether we can still sit with a difficult idea without reaching for assistance, whether we can still value the unfinished sentence, the imperfect argument, the slow emergence of understanding.

The future may not demand that we reject the intelligence we have created. It may simply ask that we remain worthy of it - by continuing to think, to question, and to create, not because we must, but because we still can.

By Rohit Thanvi
Student Editor CSE III year
THE SKITIMES

Republic Day Celebration

On 26th January 2026, SKIT proudly celebrated Republic Day with great enthusiasm and patriotic spirit, bringing students and faculty together to honor the values of the nation. The celebration commenced with the ceremonial hoisting of the national flag, followed by the rendition of the national anthem, filling the campus with pride and unity. The event featured inspiring speeches, cultural performances, and patriotic songs that paid tribute to India's rich heritage and democratic ideals. Students actively participated, showcasing their talent and deep respect for the nation. The campus was adorned with tricolor decorations, creating a vibrant and patriotic atmosphere.



Republic Day Celebration at SKIT

Engineering Education Excellence Award

On 9th December 2025, SKIT achieved a remarkable milestone by being honored with the prestigious Engineering Education Excellence Award, recognizing its outstanding contribution to academic quality and innovation in technical education. The event marked a proud moment for the entire institution, celebrating its commitment to excellence and continuous growth. The recognition highlighted SKIT's dedication to providing quality education, fostering research, and encouraging holistic student development. This accomplishment stands as a testament to the hard work and vision of the

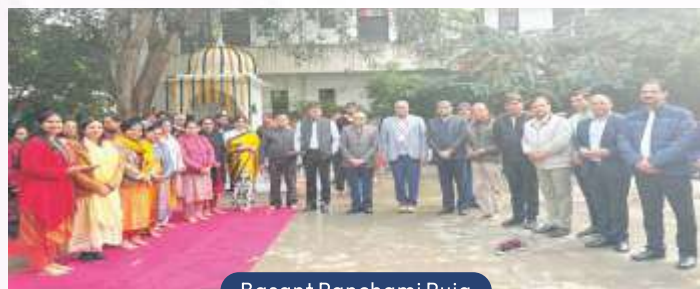
institution, inspiring students and faculty alike to strive for greater heights. The honor not only strengthened SKIT's reputation but also reinforced its position as a leading center for engineering education.



Glimpses of the Award Ceremony

Basant Panchami Celebration

SKIT celebrated Basant Panchami on 23rd January 2026, with devotion and cultural enthusiasm, marking the arrival of spring and honoring Goddess Saraswati, the symbol of wisdom and learning. The campus was filled with positivity and spiritual energy as students and faculty gathered to take part in the auspicious occasion. The celebration included a Saraswati Puja, where participants offered prayers seeking knowledge and success in their academic pursuits. The event beautifully blended tradition with togetherness, highlighting the institute's dedication to preserving cultural values. The joy, devotion, and participation made the Basant Panchami celebration a serene and enriching experience for everyone present.



Basant Panchami Puja

Pravah & Aaveg 2026 – An Annual Cultural, Techno Fest

Pravah & Aaveg 2026, the annual techno-cultural and sports fest of SKIT, Jaipur, was organized from 16th to 21st February 2026 under the vibrant theme of "Navras – The 9 Emotions", celebrating the spectrum of human expressions through art, culture, sports, and innovation.



ECA CELL ACTIVITIES

The fest commenced with Aaveg, the annual sports meet, held from 16th to 18th February 2026, showcasing enthusiasm, teamwork, and competitive spirit among students.

The Inaugural Ceremony on 16th February 2026 was graced by distinguished dignitaries. The Chief Guest, Prof. Nimit Chowdhary (Vice Chancellor, RTU), along with the Chief Guest of Aaveg, Ms. Saweety Boora (Indian Boxer), presided over the ceremony. The event was further honored by the presence of the Chairman, Shri Surja Ram Meel, and Director, Shri Jaipal Meel. The inauguration established a vibrant atmosphere for a week-long celebration of talent, creativity, and excellence.

Throughout the fest, a wide range of events were organized, providing students with platforms to explore their abilities across multiple domains Bachpan Ki Yaadein, Technical Events (Innovatex – The Tech Show), Non-Technical Events (Spark – Unleash the Fun), Cultural Events (Utsav – Cultural & Youth Celebration), Literary Events (Expression – Lit & Art Festival), Social Events (Prerna – Social Impact)

A major highlight of the fest was the Musical Night, where there was a mesmerizing performance by Sunita Sharma, creating an electrifying atmosphere filled with energy and excitement.

The six-day celebration concluded with the Annual Day on 21st February 2026, which was graced by eminent dignitaries, including the Chief Guest Dr. Jitendra Kumar Soni (District Collector & Magistrate, Jaipur), the Presiding Guest Mr. Parijat Agarwal (Co-founder & COO, Metacube Software), and the Guest of Honour Mr. Manan Goyal (Project Manager, Infosys Ltd.).

Pravah & Aaveg 2026 stood as a true reflection of Navras, seamlessly blending sports, culture, and technical excellence, and leaving behind memorable experiences for all while reinforcing SKIT Jaipur's position as a hub of holistic student development.

SKIT TOASTMASTERS SHINES ACROSS AREA, DIVISION & DISTRICT LEVELS

SKIT Toastmasters Club proudly showcased outstanding excellence across multiple levels of Toastmasters contests, Area, Division, and District through remarkable performances in both Humorous Speech and Evaluation Speech categories. The Area Level Contests, held on 9th November 2024 at UEM College, Chomu (Jaipur), witnessed remarkable achievements from Area C2. TM Eshna secured 1st position in Humorous Speech and 2nd position in Evaluation Speech, while TM Yukti secured 1st position in Evaluation Speech and 2nd position in Humorous Speech. Continuing this success, at the Division Level Contest held on 7th December 2024, TM Yukti achieved 1st position in Evaluation Speech, and TM Eshna secured 1st position in Humorous Speech, further highlighting the club's excellence



At the District Level Contest, conducted during the Semi-Annual Conference on 20th–21st December 2024, TM Eshna secured 3rd position in the Humorous Speech Contest at a highly competitive platform. The Evaluation Contest was held on 20th December, followed by the Humorous Speech Contest on 21st December. These consistent achievements across all levels reflect the dedication and excellence of SKIT Toastmasters members in public speaking and evaluation..



TM Eshna Sharma receiving the Award

IPR CELL

WORKSHOP ON IPR IN THE DIGITAL ERA: ACADEMIC PROJECTS AND STUDENT START-UPS

The three-day student workshop on “IPR in Digital Era: Academic Projects and Student Startups” was successfully organized from 5th to 7th February 2026 at Swami Keshvanand Institute of Technology (SKIT), Jaipur, Rajasthan. The workshop was conducted by the institute's Intellectual Property Rights (IPR) Cell to raise awareness among students about the significance of intellectual property in today's digital, innovation-driven environment. It aimed to equip participants with practical knowledge for protecting their ideas, managing



TM Eshna Sharma receiving the Award

intellectual assets, and understanding the legal frameworks governing innovation and entrepreneurship. The workshop was coordinated by faculty members Ms. Smriti Jain and Mr. Naveen Jain, along with active support from student coordinators and volunteers. Overall, the workshop proved to be highly beneficial for students, providing them with essential knowledge and practical exposure to intellectual property rights in the digital era. Participants were awarded e-certificates upon successful completion of the workshop.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

HISTORIC DOUBLE VICTORY AT SMART INDIA HACKATHON 2025

In a landmark achievement, the CSE Department scripted history by winning at the SIH 2025 Grand Finale in both the Software and Hardware categories — a first in the department's history. Adding to the pride, SKIT also played a key role in hosting the Grand Finale, cementing its position as a premier institution in India's innovation ecosystem.



(WINNERS AT SIH)

OUTSTANDING PERFORMANCES AT UDBHAV 2025

At Udhbhav 2025, hosted by PIET Jaipur, CSE students delivered stellar performances. Yogesh Singh clinched the top position in the Software Category, while Tanmay Vyas



Udhbhav 2025

and Charu Vaishnav secured First Runner-Up in the Hardware Category – a testament to the department's thriving culture of technical excellence.

FACULTY RECOGNISED AMONG WORLD'S TOP 2% SCIENTISTS

Ms. Priyanka Sharma has been listed among the World's Top 2% Scientists for 2025, as recognised by Stanford University and Elsevier, in the field of Information and Communication Technologies with specialisation in Artificial Intelligence and Image Processing. This is a remarkable distinction placing SKIT on the global research map.

YOUNG SCIENTIST AWARD FOR MR. PAWAN KUMAR PATIDAR

Mr. Pawan Kumar Patidar received the prestigious Young Scientist Award at the 35th Edition of the International Young Scientist Awards, conferred by SciFAX Company Group – an organisation registered with the Ministry of Corporate Affairs, Government of India – in recognition of his impactful contributions to innovative research.

SKIT CSE DEPARTMENT HOSTS INDIA-AI IMPACT SUMMIT PRE-EVENT

SKIT Jaipur successfully hosted the Pre-Summit event of the India-AI Impact Summit 2026, themed "Empowering India's Human Capital for the AI-Driven Future." Conducted under the aegis of MeitY and AICTE, the event brought together national thought leaders to discuss AI policy, future-ready skills, and responsible innovation.

NPTEL DISCIPLINE STAR & TOP MENTOR RECOGNITIONS

Mr. Manish Bhardwaj was honoured as an NPTEL Discipline Star for July–December 2025, recognising his consistent excellence and dedication to online learning. Mr. Mahender Kumar Beniwal was awarded the NPTEL Certificate of Appreciation as a Top Performing Mentor for his outstanding guidance in the Programming in Java course.

THE EXPERT IN ANYTHING
WAS ONCE A BEGINNER.

INTERNATIONAL CONFERENCE ICETCE-2025 SUCCESSFULLY ORGANISED

The CSE Department organised the 8th International Conference on Emerging Technologies in Computer Engineering (ICETCE-2025) on 21–22 November 2025 in hybrid mode. Sponsored by DST, Rajasthan and technically co-sponsored by IEEE Delhi Section, the conference brought together researchers and practitioners from across the country and beyond.



International Conference at SKIT

CENTRE OF EXCELLENCE HOSTS AWS CLOUD COMPUTING WORKSHOP

The Centre of Excellence in AI & ML at SKIT inaugurated a 3-Day Faculty Workshop on Cloud Computing Fundamentals and Deployment using AWS, offering hands-on training in key services such as EC2, S3, VPC, and Lambda – equipping faculty with industry-relevant cloud skills.



Glimpses of the Workshop

COLLABORATION WITH RCAT FOR GLOBAL CERTIFICATIONS

The department partnered with the Rajiv Gandhi Centre for Advanced Technologies (RCAT), Government of Rajasthan, to facilitate global certifications for students in AWS, Microsoft AI & ML, and EC-Council Cyber Security –

bridging the gap between academic learning and industry-recognised credentials.

STUDENTS GAIN INDUSTRY EXPOSURE THROUGH MULTIPLE INDUSTRIAL VISITS

Students visited several premier organisations including the Bhamashah State Data Centre (BSDC), Bhamashah Techno Hub (BTH), Pratham Software, and the Rajasthan Innovation Center (RIC) – gaining valuable insights into data centre operations, startup ecosystems, software development practices, and emerging technologies.

SUPER-50 PROGRAMME LAUNCHED FOR PROGRAMMING EXCELLENCE

The department launched the Super-50 Programme, a focused initiative to strengthen modern programming competencies among select high-potential students, as part of its commitment to producing industry-ready graduates aligned with global standards.

BOOK CHAPTERS PUBLISHED

BOOK : Artificial Intelligence in the Digital Era
AUTHOR/S : Nilam Choudhary
BOOK CHAPTER : Journey of Cloud, Opportunity and Challenges
PUBLISHER : Springer

BOOK : Detecting Hate Speech in AI and Human Generated Content
AUTHOR/S : Neelam Rani, Devendra Kumar Somwanshi, Archika Jain
BOOK CHAPTER : Aspect-Based Opinion Mining: A Framework for Spam and Ham Review
PUBLISHER : GI Global

BOOK : Computational Intelligence Solutions for Real-Life Problems: Theories, Applications, and Advances
AUTHOR/S : Pankaj Dadheech
BOOK CHAPTER : Matching Filter and Quantum Sensors: Study Dark Matter Transients for Computational
PUBLISHER : Apple Academic Press

BOOK : Computational Intelligence Solutions for Real-Life Problems: Theories, Applications, and Advances

AUTHOR/S : Pankaj Dadheech
BOOK CHAPTER : Computational Intelligence in Technopreneurial Skills Development in TVE (Technical and Vocational Education) Institutions
PUBLISHER : Apple Academic Press

BOOK : Intelligent Systems Using Semiconductors for Robotics and IoT
AUTHOR/S : Pankaj Dadheech
BOOK CHAPTER : Emotion Recognition Techniques for Audio-Visual Modalities Using Deep Transfer Learning: A Systematic Review
PUBLISHER : Taylor & Francis Group

BOOKS PUBLISHED

TITLE : Detecting Hate Speech in Human and AI-Generated Content
AUTHOR/S : Mehul Mahrishi, Archika Jain, Mohammad Arsalan, Ruchi Doshi
PUBLISHER : IGI Global

TITLE : AI and Machine Learning Research Perspectives: Python based studies and findings
AUTHOR/S : Meenakshi Nawal, Kusumlata Jain, Smarnika Mohapatra
PUBLISHER : Shineeks

TITLE : Advances in Machine Learning: Algorithms, Applications, and Emerging Trends
AUTHOR/S : Sohan Lal Gupta
PUBLISHER : Iterative International Publisher ((IIP)

PAPERS PRESENTED IN CONFERENCES

TITLE : Contemplating and Visualizing Gameful Experience (GAMEX) in Education Through Bibliometric Analysis of Literature
AUTHOR/S : Asad Abbas, Mehul Mahrishi
CONFERENCE : 2025 22nd International Learning and Technology Conference (L&T)-2025

TITLE : Agricultural Pest Classification Using Dense Network with Statistical Approach to Dataset Balancing

AUTHOR/S : Neetu Agrawal, Mehul Mahrishi,
Mukesh Kumar Gupta

CONFERENCE : International Conference on Soft
Computing: Theories and
Applications

TITLE : Gated Recurrent Unit for Diabetes
Prediction in Voice Data

AUTHOR/S : Pawan Kumar Patidar, Savita
Shiwani, Shruti Garg

CONFERENCE : 6th International Conference on
Recent Advances in Information
Technology (RAIT) 2025

TITLE : Generalized API for Opinion Mining
Using Natural Language Processing

AUTHOR/S : Meenakshi Nawal, Neha Janu,
Suyash Ameta

CONFERENCE : 2025 International Conference on
Smart & Sustainable Technology
(INCSST)

TITLE : Comparative Analysis of Software
Development Models: Evaluating
Effectiveness Across the SDLC

AUTHOR/S : Abhishek Gupta (B), Paridhi Jain,
Soumya Khandelwal, and Meenakshi
Nawal

CONFERENCE : Advanve Computing Techniques in
Engineering & Technology

TITLE : Correlation of Students' Academic
Progress, Counseling and Tutoring
with Graduating Attributes in
Outcome-Based Education (OBE): A
Pilot Study of an OBExcel Teaching
and Learning Outcomes Project

AUTHOR/S : Asad Abbas; Claudia Bautista-Flores;
Samira Hosseini; Mehul Mahrishi;
Ahsan Ali; Nada Eltaiba

CONFERENCE : Frontiers in Education (FIE)
Conference

TITLE : Enhancing Detection of Rare Cyber
Threats Using GAN-Based Data
Augmentation and Random
Oversampling

AUTHOR/S : Nidhi Srivastav

CONFERENCE : International Conference on Digital
Innovation for Sustainable solution

TITLE : Classification of Fresh and Rotten
Fruits and Vegetables Using a
Modified KNN Algorithm

AUTHOR/S : Sunil Dhankhar

CONFERENCE : World Conference on Artificial
Intelligence: Advances and
Applications. WCAIAA 2025

TITLE : AI-Driven Smart Farming System for
Crop Disease Detection Using Drone
Based Imaging

AUTHOR/S : Sunil Dhankhar

CONFERENCE : 2nd International Conference on
Artificial Intelligence and Knowledge
Discovery in Concurrent Engineering
(ICECONF) 2025 WCAIAA 2025

FDPS ATTENDED

TITLE : Latest Trends and Technologies in
Artificial Intelligence

DATE : 11-Nov-2025 to 16-Nov-2025

ATTENDED BY : Mani Butwall

ORGANIZED BY : VGU, Jaipur

TITLE : Five-days Faculty Development
Programme on Salesforce Business
Analyst Professional

DATE : 25-Nov-2025 to 29-Nov-2025

ATTENDED BY : Neha Mathur

ORGANIZED BY : AICTE & ICT Academy

TITLE : Secure Vision 2026 Cyber Defense
Digital Forensics

DATE : 17-Nov-2025 to 21-Nov-2025

ATTENDED BY : Swati Yadav

ORGANIZED BY : VIT, Chennai

TITLE : Cyber Defense in Action: Mastering
Web Application Security

DATE : 10-Nov-2025 to 15-Nov-2025

ATTENDED BY : Manish Bhardwaj

ORGANIZED BY : SGT University, Gurgaon

TITLE : Research and Publication Ethics

DATE : 14-Nov-2025 to 19-Nov-2025

ATTENDED BY : Anjana Sangwan

ORGANIZED BY : R&D Cell, SKIT, M&G, Jaipur

TITLE : Research and Publication Ethics

DATE : 14-Nov-2025 to 19-Nov-2025

ATTENDED BY : Shirish Nagar

ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : Research and Publication Ethics

DATE : 14-Nov-2025 to 19-Nov-2025

ATTENDED BY : Sunil Dhankhar
 ORGANIZED BY : SKIT, M&G, Jaipur
 Reconfigurable SDR and Machine Learning

TITLE : Research and Publication Ethics
 DATE : 14-Nov-2025 to 19-Nov-2025
 ATTENDED BY : Mahender Kumar Beniwal
 ORGANIZED BY : SKIT, M&G, Jaipur
 DATE : 24-Nov-2025 to 29-Nov-2025
 ATTENDED BY : Priya Gupta
 ORGANIZED BY : National Institute of Technology, Rourkela

TITLE : Research and Publication Ethics
 DATE : 14-Nov-2025 to 19-Nov-2025
 ATTENDED BY : Sneha Sharma
 ORGANIZED BY : SKIT, M&G, Jaipur
 TITLE : Design Thinking and Innovation
 DATE : 17-Nov-2025 to 22-Nov-2025
 ATTENDED BY : Priya Gupta
 ORGANIZED BY : Sant Gajanan Maharaj College of Engineering

TITLE : Research and Publication Ethics
 DATE : 14-Nov-2025 to 19-Nov-2025
 ATTENDED BY : Manish Bhardwaj
 ORGANIZED BY : SKIT, M&G, Jaipur
 TITLE : Research and Publication Ethics
 DATE : 14-Nov-2025 to 19-Nov-2025
 ATTENDED BY : Priya Gupta
 ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : ATAL FDP – Future Intelligent Network Toward 6G: 5G and Beyond with Reconfigurable SDR and Machine Learning
 DATE : 24-Nov-2025 to 29-Nov-2025
 ATTENDED BY : Allisa Goyal
 ORGANIZED BY : National Institute of Technology, Rourkela
 TITLE : Modern Web Development & AI Integration
 DATE : 17-Nov-2025 to 21-Dec-2025
 ATTENDED BY : Jyoti Singh
 ORGANIZED BY : Next Gen Employability Program – Edunet Foundation, AICTE TLB & EY Global Delivery Services

TITLE : ATAL FDP – Design Thinking and Innovation
 DATE : 17-Nov-2025 to 22-Nov-2025
 ATTENDED BY : Allisa Goyal
 ORGANIZED BY : Sant Gajanan Maharaj College of Engineering
 TITLE : Research and Publication Ethics
 DATE : 14-Nov-2025 to 19-Nov-2025
 ATTENDED BY : Yogendra Kumar Gupta
 ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : Research and Publication Ethics
 DATE : 14-Nov-2025 to 19-Nov-2025
 ATTENDED BY : Jyoti Singh
 ORGANIZED BY : SKIT, M&G, Jaipur
 TITLE : Research and Publication Ethics
 DATE : 14-Nov-2025 to 19-Nov-2025
 ATTENDED BY : Allisa Goyal
 ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : ATAL FDP on Demystifying Data for Intelligent Applications in Real World Scenario
 DATE : 24-Nov-2025 to 29-Nov-2025
 ATTENDED BY : Jyoti Singh
 ORGANIZED BY : University of Engineering and Management, Kolkata
 TITLE : Advanced Remote Sensing and Radar Technologies – Concepts to Applications
 DATE : 15-Dec-2025 to 19-Dec-2025
 ATTENDED BY : Payal Mittal
 ORGANIZED BY : LNMIIT, Jaipur

TITLE : Design Thinking and Innovation
 DATE : 21-Nov-2025 to 22-Nov-2025
 ATTENDED BY : Priya Gupta
 ORGANIZED BY : SKIT, M&G, Jaipur
 TITLE : Generative AI and Large Language Models: Concepts, Tools & Applications
 DATE : 15-Dec-2025 to 19-Dec-2025
 ATTENDED BY : Payal Mittal
 ORGANIZED BY : Keystone School of Engineering, Pune

TITLE : Future Intelligent Network toward 6G: 5G and Beyond with
 TITLE : Generative AI and Large Language Models: Concepts, Tools & Applications

DATE : 15-Dec-2025 to 19-Dec-2025
ATTENDED BY : Abdul Naim Khan
ORGANIZED BY : Keystone School of Engineering, Pune

TITLE : Advancement in Semiconductor –
Current Aspects and Challenges
DATE : 27-Jan-2026 to 31-Jan-2026
ATTENDED BY : Abdul Naim Khan
ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : Advancement in Semiconductor –
Current Aspects and Challenges
DATE : 27-Jan-2026 to 31-Jan-2026
ATTENDED BY : Payal Mittal
ORGANIZED BY : SKIT, Jaipur

TITLE : Digital Pedagogy and Learning
Analytics -Enhancing Student
Outcomes through Technology
DATE : 27-Jan-2026 to 31-Jan-2026
ATTENDED BY : Payal Mittal
ORGANIZED BY : Poornima University, Jaipur

TITLE : Digital Pedagogy and Learning
Analytics – Enhancing Student
Outcomes through Technology
DATE : 27-Jan-2026 to 31-Jan-2026
ATTENDED BY : Abdul Naim Khan
ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : NEP Orientation and Sensitization
Programme
DATE : 19-Jan-2026 to 28-Jan-2026
ATTENDED BY : Abdul Naim Khan
ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : Applications of Symbolic Software
Tools in Mathematics
DATE : 09-Feb-2026 to 13-Feb-2026
ATTENDED BY : Payal Mittal
ORGANIZED BY : SKIT, Jaipur

TITLE : Android Security and Forensic Tools
DATE : 04-Feb-2026 to 08-Feb-2026
ATTENDED BY : Payal Mittal
ORGANIZED BY : MNIT, Jaipur

TITLE : Android Security and Forensic Tools
DATE : 04-Feb-2026 to 08-Feb-2026
ATTENDED BY : Abdul Naim Khan
ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : Applications of Symbolic Software
Tools in Mathematics
DATE : 09-Feb-2026 to 13-Feb-2026

ATTENDED BY : Abdul Naim Khan
ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : Gaining Mastery over the Art of
Keeping Students Engaged
DATE : 02-Feb-2026 to 06-Feb-2026
ATTENDED BY : Abdul Naim Khan
ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : Gaining Mastery over the Art of
Keeping Students Engaged
DATE : 02-Feb-2026 to 06-Feb-2026
ATTENDED BY : Harpreet Singh Gill
ORGANIZED BY : Department of English, SKIT, M&G,
Jaipur

TITLE : Research and Publication Ethics
DATE : 14-Nov-2025 to 19-Nov-2025
ATTENDED BY : Harpreet Singh Gill
ORGANIZED BY : R&D Cell, SKIT, M&G, Jaipur

TITLE : Gaining Mastery over the Art of
Keeping Students Engaged
DATE : 02-Feb-2026 to 06-Feb-2026
ATTENDED BY : Payal Mittal
ORGANIZED BY : SKIT, Jaipur

TITLE : Generative & Agentic AI – Tools &
Demos
DATE : 16-Feb-2026 to 21-Feb-2026
ATTENDED BY : Payal Mittal
ORGANIZED BY : SVNIT (NIT Surat)

TITLE : Generative & Agentic AI – Tools &
Demos
DATE : 16-Feb-2026 to 21-Feb-2026
ATTENDED BY : Harpreet Singh Gill
ORGANIZED BY : Sardar Vallabhbhai National Institute
of Technology (SVNIT)

TITLE : Generative & Agentic AI
DATE : 16-Feb-2026 to 21-Feb-2026
ATTENDED BY : Abdul Naim Khan
ORGANIZED BY : SKIT, M&G, Jaipur

BOOKS PUBLISHED

TITLE : AI Integrated Smart E-Mobility
towards Sustainable Development
DATE : 18-Nov-2025 to 22-Nov-2025
ATTENDED BY : Sunil Dhankhar
ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : AI Integrated Smart E-Mobility
towards Sustainable Development
DATE : 18-Nov-2025 to 22-Nov-2025
ATTENDED BY : Anjana Sangwan
ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : AI Integrated Smart E-Mobility
towards Sustainable Development
DATE : 18-Nov-2025 to 22-Nov-2025
ATTENDED BY : Sohan Lal Gupta
ORGANIZED BY : SKIT, M&G, Jaipur

NPTEL / mooKIT/ IITBX / SWAYAM COURSE COMPLETED

COURSE/ TOPIC : Introduction to operating
system
COMPLETED BY : Anjana Sangwan
DURATION & CATEGORY : July-Dec 2025-Awarded
Elite Certificate

COURSE/ TOPIC : Introduction to operating
system
COMPLETED BY : Sunil Dhankhar
DURATION & CATEGORY : July-Dec 2025-Successfully
Completed

COURSE/ TOPIC : Data Structures and
Algorithms Design
COMPLETED BY : Pawan Kumar Patidar
DURATION & CATEGORY : July-October 2025-
Awarded Elite Certificate

COURSE/ TOPIC : Data Structures and
Algorithms Design
COMPLETED BY : Pawan Kumar Patidar
DURATION & CATEGORY : July-October 2025
Awarded Elite Certificate

COURSE/ TOPIC : Operating System
Fundamentals
COMPLETED BY : Shirish Nagar
DURATION & CATEGORY : July-October 2025-
Awarded Elite Certificate

COURSE/ TOPIC : Electronic Systems Design:
Hands-on Circuits and PCB
Design with CAD Software
COMPLETED BY : Shanu Tripathi
DURATION & CATEGORY : July-October 2025-
Awarded Silver Certificate-
Topper of 5% in this course

COURSE/ TOPIC : Introduction to Machine
Learning
COMPLETED BY : Manish Bhardwaj
DURATION & CATEGORY : July-October 2025-
Awarded Elite Certificate

COURSE/ TOPIC : The Joy of Computing using
Python
COMPLETED BY : Manish Bhardwaj
DURATION & CATEGORY : July-October 2025-
Awarded Silver Certificate

COURSE/ TOPIC : OBE and Accreditation
COMPLETED BY : Priyanka Sharma
DURATION & CATEGORY : July-October 2025-
Awarded Silver Certificate

COURSE/ TOPIC : Digital Circuits
COMPLETED BY : Nikita Gautam
DURATION & CATEGORY : July-October 2025-
Awarded Elite Certificate-
Topper of 5% in this course

COURSE/ TOPIC : Programming in Modern C++
COMPLETED BY : Kiran Ahuja
DURATION & CATEGORY : July-October 2025-
Successfully Completed

COURSE/ TOPIC : Computer Architecture
COMPLETED BY : Sumit Kumar
DURATION & CATEGORY : July-October 2025-
Awarded Elite Certificate

COURSE/ TOPIC : Data Structure and
Algorithm Using Java
COMPLETED BY : Mani Butwall
DURATION & CATEGORY : July-October 2025-
Awarded Elite Certificate

COURSE/ TOPIC : Introduction to Machine
Learning
COMPLETED BY : Mani Butwall
DURATION & CATEGORY : July-October 2025-
Awarded Elite Certificate

M.TECH. SUPERVISED

DISSERTATION TOPIC : Performance Optimization
of Sender Policy Framework
for Email Authentication

NAME OF STUDENT : Milind Sharma
GUIDED BY : Mehul Mahrishi

SESSION CHAIRED

SESSION ON : 17th International Conference on Intelligent Human Computer Interaction (IHCI-2025)

CHAIREDBY : Mehul Mahrishi

DATE & VENUE : 14-Nov-2025 to 16-Nov-2025 at Marriott, Jaipur

SESSION ON : 7th International Conference on Soft Computing and its Engineering Applications (icSoftComp-2025)

CHAIREDBY: Pankaj Dadhech

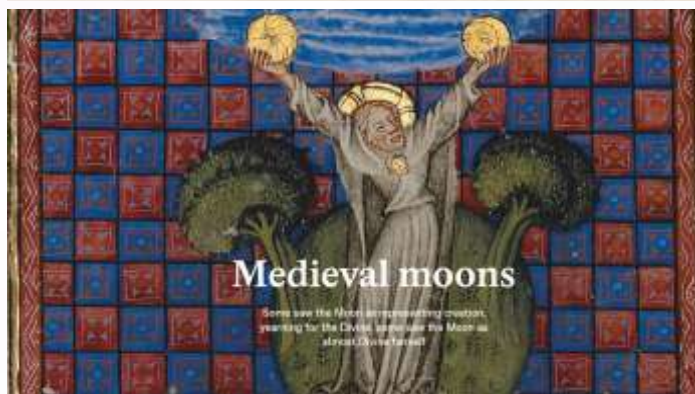
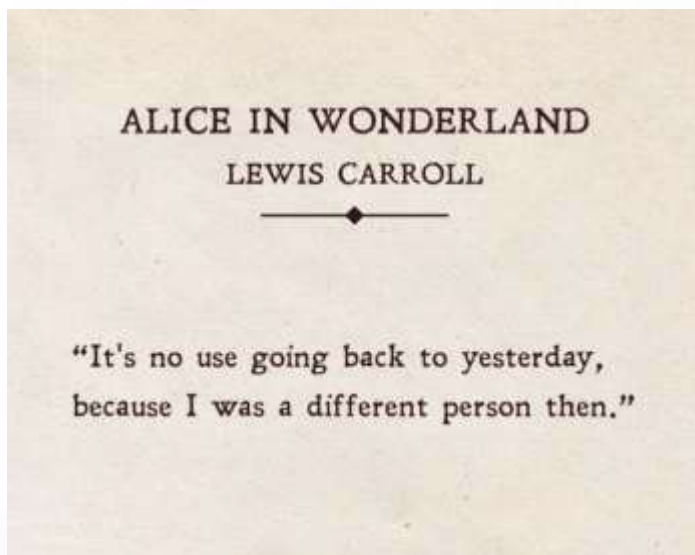
DATE & VENUE: 09-Dec-2025 to 11-Dec-2025 at CHARUSAT, Changa, India (held at Hanoi, Vietnam)

EXPERT TALK DELIVERED

TITLE : AI for Social Impact & Ethical AI

DATE & VENUE : 17-Nov-2025 to 22-Nov-2025 at AICTEATL, Christ University, Delhi NCR

DELIVERED BY : Mehul Mahrishi



DEPARTMENT OF

INFORMATION TECHNOLOGY

INDUSTRIAL VISIT TO D2O

An industrial visit to Design to Occupancy (D2O) Learning, Jaipur, was organized by the Department of Information Technology, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur for IV Semester students. Approximately 40 students, along with faculty coordinators Dr. Vipin Jain (HOD, IT), Dr. Anju Rajput, Ms. Garima Garg, and Dr. Hari Mohan Singh, participated in the visit. The main objective of the visit was to provide students with exposure to the real working environment of the IT industry and to understand the practical applications of modern technologies. During the visit, students were introduced to the company's activities and services. The professionals explained how Design to Occupancy (D2O) provides solutions for building projects from design to final execution. Students also learned about the use of Internet of Things (IoT) technology for smart monitoring, automation, and efficient management of building systems.



WORKSHOP ON " IPR IN DIGITAL ERA: ACADEMIC PROJECTS AND STUDENT STARTUPS"

A three-day workshop on "IPR in Digital Era: Academic Projects and Student Startups" was held from 5-7 February 2026 at Swami Keshvanand Institute of Technology (SKIT), Jaipur, organized by the institute's IPR Cell. It aimed to raise awareness about intellectual property and equip students with skills to protect and manage innovations. Expert sessions by Dr. Rajeev Agrawal, Ms. Sruti Gupta, and Dr. Jitender Sharma covered IPR fundamentals, legal compliance, and patent filing processes. The workshop was coordinated by faculty members Mr. Naveen Jain (IT) and Ms. Smriti Jain (EE), along with active support from student coordinators and volunteers. Participants actively engaged and received e-certificates upon successful completion.



Glimpses of the workshop

INTERNATIONAL CONFERENCE ON "EMERGING TECHNOLOGIES IN COMPUTER ENGINEERING: ADVANCES IN COMPUTING, HEALTHCARE AND SMART SYSTEMS (ICETCE-2025)"

The Department of IT organized the 8th International Conference on "Emerging Technologies in Computer Engineering: Advances in Computing, Healthcare and Smart Systems (ICETCE-2025)" from 21st-22nd November, 2025, in Hybrid Mode. It was sponsored by DST, Rajasthan, India and technically sponsored by IEEE Delhi Section

This conference aimed to provide a stage for expert technical exchanges and exhibition regarding the advanced technologies, equipment, techniques, and innovations applied in the field of Computer Engineering. It

has attracted governmental officials, multinational experts, managers, researchers, and technicians in the relevant field to discuss their ideas and experiences. The Organizing Committee of the ICETCE-2025, with its utmost sincerity, intends to invite all the related experts and scholars in the country to attend the Conference, and to realize the most extensive exchanges and discussions in this field.

FDPs ATTENDED

TITLE : Research and Publication Ethics
DATE : 14-11-2025 to 19-11-2025
ATTENDED BY : Ms Sanju Choudhary, Dr. Sanwta Ram Dogiwal, Ms. Nikhar Bhatnagar, Dr. Priyanka Yadav, Ms. Garima Garg, Dr. Saroj Agarwal
ORGANIZED BY : Research and Development (R&D) Cell, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

TITLE : Android Security and Forensic Tools
DATE : 04-02-2026 to 8-02-2026
ATTENDED BY : Ms. Nikhar Bhatnagar, Mr. Naveen Jain
ORGANIZED BY : Department of Computer Science and Engineering, Malviya National Institute of Technology, Jaipur

TITLE : Gaining Mastery over the Art of Keeping Students Engaged
DATE : 2-02-2026 to 6-02-2026
ATTENDED BY : Ms. Nikhar Bhatnagar, Ms. Garima Garg
ORGANIZED BY : Department of English, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

TITLE : Applications of Symbolic Software Tools in Mathematics
DATE : 09-02-2026 to 13-02-2026
ATTENDED BY : Mr. Naveen Jain
ORGANIZED BY : Department of Mathematics, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

TITLE : AI Integrated Smart E-Mobility towards Sustainable Development
DATE : 18-11-2026 to 22-11-2026
ATTENDED BY : Mr. Naveen Jain, Ms. Manju Chaudhary

ORGANIZED BY : Department of Electrical, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

TITLE : Cloud Computing
DATE : 19-01-2026 to 23-01-2026
ATTENDED BY : Dr. Richa Rawal
ORGANIZED BY : Geetanjali Institute of Technical Studies Udaipur, Sri Siddhartha Institute of Technology (SSIT), Tumkur, BNM Institute of Technology, Bangalore in collaboration with ExcelR Edtech Pvt. Ltd.

TITLE : Advance in Renewable Energy Emerging System Sustainable Solution
DATE : 27-01-2026 to 31-01-2026
ATTENDED BY : Mr. Naveen Jain
ORGANIZED BY : Department of Mechanical, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

TITLE : Innovation Shaping the Future of Civil Engineering
DATE : 9-3-2026 to 13-3-2026
ATTENDED BY : Mr. Naveen Jain
ORGANIZED BY : Anand International College of Engineering, Jaipur

TITLE : Introduction to Large Language Models
DATE : July to Sep 2025
ATTENDED BY : Mr. Praveen Kumar Yadav
ORGANIZED BY : IIT Madras, NPTEL Team

TITLE : Drone and Automation Technology: the future of new india
DATE : 7-2-2026 to 12-2-2026
ATTENDED BY : Mr. Praveen Kumar Yadav, Mr. Jagendra Chaudhary, Ms. Ritu Shukla, Mr. Naveen Jain
ORGANIZED BY : Anand International College of Engineering, Jaipur

TITLE : Emerging Trends in Electric Vehicles and Smart Grid Technology
DATE : 19-01-2026 to 24-01-2026
ATTENDED BY : Mr. Praveen Kumar Yadav, Mr. Naveen Jain
ORGANIZED BY : Department of Electrical, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

TITLE : Machine Learning and Deep Learning for Educators
DATE : 23-06-2025 to 27-06-2025
ATTENDED BY : Mr. Praveen Kumar Yadav
ORGANIZED BY : Department of Advance Computing, PCE Jaipur

PAPERS PRESENTED/PUBLISHED IN CONFERENCE

TITLE : Monitoring of Land Degradation in Jaipur City Area Using Landsat Images by Estimating NDVI Index
AUTHOR/S : Nikhar Bhatnagar, Sumit Srivastava, and Shally Vats
CONFERENCE : Springer Nature Switzerland AG 2026 S. J. Nanda et al. (Eds.): ICDSA 2025, LNNS 1723, pp. 235–248, 2026. https://doi.org/10.1007/978-3-03210783-1_18

TITLE : Deep Learning for Facial and Micro Expression Recognition: A CNN Based Approach
AUTHOR/S : Priyansh Sharma, Sanju Choudhary, Sunil Dhankar
CONFERENCE : 10th International Conference on Soft Computing: Theories and Applications

TITLE : Data Science and the Future of Healthcare: Standardizing Education and Driving Data-Driven Transformation
AUTHOR/S : Saurabh Shandilya, Manisha Gaur, Shalini Singhal, Priya Tanwar
CONFERENCE : International Conference on Digital Innovations for Sustainable Solutions (ICDISS - 2025)

TITLE : AI Integration in Veterinary Practice: Improving Care with Technology and Data
AUTHOR/S : Saurabh Shandilya, Manisha Gaur, Shalini Singhal, Priya Tanwar
CONFERENCE : International Conference on Digital Innovations for Sustainable Solutions (ICDISS - 2025)

**BIG GOALS REQUIRE
BIG DISCIPLINE**

PAPERS REVIEWED IN CONFERENCES

REVIEWER NAME : Ms. Nikhar Bhatnagar
DATE & VENUE : 21st-22nd November, 2025 at SKIT
M & G, Jaipur
CONFERENCE : 8th International Conference on
Emerging Technologies in
Computer Engineering: "Advances
in Computing, Healthcare and
Smart System"

COURSE/TOPIC : OBE and Accreditation
COMPLETED BY : Nikhar Bhatnagar
DURATION & CATEGORY : Jul-Oct 2025
MEDAL : Elite+Silver
COURSE/TOPIC : Introduction to Internet of
Things
COMPLETED BY : Dr. Saroj Agrawal
DURATION & CATEGORY : Jul-Oct 2025
MEDAL : Elite+Silver

CONFERENCE ATTENDED

TITLE : Human Values in Higher Educations
DATE : 19-12-2026 to 21-12-2026
ORGANIZED BY : UHV Foundation
ATTENDED BY : Mr. Naveen Jain

COURSE/TOPIC : OBE and Accreditation
COMPLETED BY : Dr. Priyanka Yadav
DURATION & CATEGORY : Jul-Oct 2025
MEDAL : Elite+Gold
COURSE/TOPIC : Introduction to Internet of
Things
COMPLETED BY : Dr. Priyanka Yadav
DURATION & CATEGORY : Jul-Oct 2025
MEDAL : Elite+Silver

SESSION CHAIRED

TITLE : Two days international
conference on sustainable
computing and artificial
intelligence
DATE : 12-12-2026 to 13-12-2026
ORGANIZED BY : Compucom Institute of
Technology and Management,
Jaipur
SESSION CHAIRED BY : Mr. Naveen Jain

COURSE/TOPIC : OBE and Accreditation
COMPLETED BY : Ms. Sanju Choudhary
DURATION & CATEGORY : Jul-Oct 2025
MEDAL : Elite+Silver
COURSE/TOPIC : Programming with
Generative AI
COMPLETED BY : Mr. Praveen Kumar Yadav
DURATION & CATEGORY : Jul-Oct 2025
MEDAL : Successfully Completed

PATENTS:

TITLE : AI-Powered Crime Scene
Analyzer POD
INVENTORS : Mr. Manoj Raman,
Mr. Jagendra, Ms. Ritu shukla,
Mr. Praveen Yadav
DESIGN NO : 475283-001
ISSUING AUTHORITY : The Patent Office, Government
of India
DATE OF ISSUE : 09/02/2026

COURSE/TOPIC : Introduction to Large
Language Models (LLMs)
COMPLETED BY : Mr. Praveen Kumar Yadav
DURATION & CATEGORY : Jul-Oct 2025
MEDAL : Elite+Silver

TOP PERFORMING NPTEL MENTOR

NAME OF COURSE : Programing in Java
DURATION : July - Dec 2025
NAME : Mr. Naveen Jain

NPTEL/COURSERA/MOOKIT COURSES COMPLETED

COURSE/TOPIC : OBE and Accreditation
COMPLETED BY : Dr. Saroj Agrawal
DURATION & CATEGORY : Jul-Oct 2025
MEDAL : Elite+Silver

STUDENTS WORKSHOP CONDUCTED

TITLE : IPR In Digital Era:
Academic Project And
Students' Startups
DATE : 5-2-2026 to 7-2-2026

ORGANIZED BY : IPR CELL, SKIT, Jaipur
COORDINATOR'S NAME : Mr. Naveen Jain

ALUMINI TALKS CONDUCTED

TITLE : From Campus to the High Seas: A Journey of Service
DATE : 6/02/2026
ORGANIZED BY : Department of Information Technology & Alumni Association, SKIT M&G, Jaipur
SPEAKER : LT. Vibhuti Sharma, Batch 2022(IT), Senior Operations Officer, Naval Communication Center, Naval Base, Visakhapatnam
COORDINATOR'S NAME : Ms. Sanju Chaudhary

TITLE : Data Analytics
DATE : 14/03/2026
ORGANIZED BY : Department of Information Technology & Alumni Association, SKIT M&G, Jaipur
SPEAKER : Mr. Ayush Paliwal, Batch 2020(IT), Senior Data Engineer, Personify Health
COORDINATOR'S NAME : Ms. Sanju Chaudhary

EXPERT LECTURE/ TALKS DELIVERED

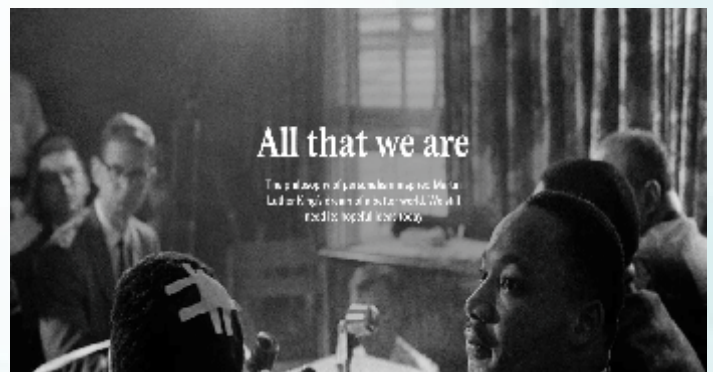
TITLE : Cyber Safety Essentials
DATE & VENUE : 5th February 2026
ORGANIZED BY : Department of Electronics And Communication Engineering & IE(I) Student Chapter, SKIT M&G, Jaipur
DELIVERED BY : Mr. Manoj Raman

TITLE : Preservation of Digital Evidence and Cyber Crime Scene to Sri Lanka Police
DATE & VENUE : 18.02.2026
ORGANIZED BY : Central Detective Training Institute, Jaipur
DELIVERED BY : Mr. Manoj Raman

STUDENTS HACKATHON

TITLE : Hack the Future with AWS – A GenAI Hackathon
DATE : 6th October 2025
ORGANIZED BY : AWS Academy
COORDINATOR'S NAME : Mr. Jagendra S. Chaudhary, Mr. Praveen K. Yadav, Ms. Ritu Shukla
ACHIEVEMENT : Second Prize (1st Runner Up) worth rs 30000.
WINNING TEAM : STRYNOX (B.Tech IT – V Semester Students)

- Kratika Sharma
- Shristi Patel
- Bhavesh Shah
- Sachin Sahu
- Jai Khandelwal



DEPARTMENT OF

MECHANICAL ENGINEERING

ALUMNI INTERACTION (A SEAFARER LIFE: CAREER IN MERCHANT NAVY

The Department of Mechanical Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, organized an insightful Alumni Interaction Session for students on the topic “Life of a Seafarer and Career in Merchant Navy.” The session was conducted by Mr. Jitendra Singh Shekhawat, an esteemed alumnus of the Mechanical Engineering Department, Batch 2004–2008, who is currently serving as a Chief Engineer at Wilhelmsen Ship Management, a globally reputed marine service company. During his talk, he elaborated on the career opportunities in the Merchant Navy, the qualification requirements, and the training pathways for mechanical engineers aspiring to join the marine industry. He also provided insights into the life of a seafarer, explaining the challenges, discipline, and adventure associated with working at sea.



Alumni Interaction

5-DAY STUDENT WELLNESS PROGRAM ON “WELLNESS AND HOLISTIC DEVELOPMENT.”

A Five-Day Student Wellness Workshop on “Wellness and Holistic Development” was successfully organized at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, from 5 January to 9 January 2026. The workshop was jointly conducted by the Department of Mechanical Engineering and the Universal

Human Values & Ethics Committee with the objective of promoting students' holistic development encompassing physical, mental, emotional, and ethical well-being.

The first session by Dr. Rohit Kumar Jain, Assistant Professor, UOR, introduced the concept of wellness and emphasized the interconnection between body, mind, and human values, encouraging students to reflect on self-awareness and responsible decision-making. The session was conducted by Shri Satypal Ji, Director, Yogpath Foundation, Jaipur, who demonstrated yoga postures, pranayama, and relaxation techniques. The third day, Dr. Chandan Kumar, Student Counsellor, SKIT, discussed common psychological challenges such as stress, anxiety, and academic pressure. The session on human values and ethical living was delivered by Dr. Amit Jhalani, UHV&EC Coordinator. He highlighted values such as honesty, empathy, responsibility, and integrity, and engaged students in discussions on ethical dilemmas and value-based decision-making, emphasizing their importance in personal and professional success. The workshop concluded with a valedictory session chaired by Dr. Avinash Panwar, Director, Centre for E-Governance, Rajasthan.



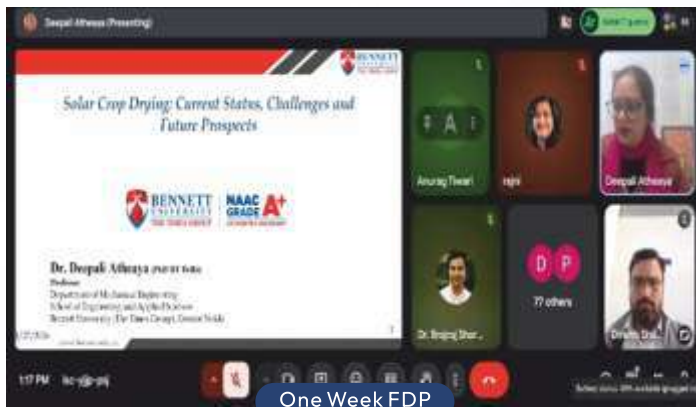
Student Wellness Program

ONE WEEK INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME ON “ADVANCES IN RENEWABLE ENERGY: EMERGING SYSTEMS AND SUSTAINABLE SOLUTIONS”

The Department of Mechanical Engineering at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur successfully organized a five-day International Faculty Development Programme (FDP) on “Advances in Renewable Energy: Emerging Systems and Sustainable Solutions (ARE-2026)” from 27th to 31st January 2026 in online mode via MS Teams. The programme was conducted under the theme “Sustainable

Energy Technologies for a Low-Carbon Future” and witnessed participation from over 450 academicians, researchers, and industry professionals from India and abroad.

The FDP aimed to strengthen participants' understanding of emerging trends in renewable energy, including thermal systems, energy storage, waste-to-energy technologies, electric vehicles, computational tools, and sustainable engineering solutions. It also focused on bridging the gap between theoretical concepts and real-world applications while promoting interdisciplinary research and innovation. The event was coordinated by Dr. Dinesh Kumar Sharma, Dr. Chandan Kumar, and Mr. Ankit Agarwal under the guidance of Prof. Dheeraj Joshi, Head, Department of Mechanical Engineering, SKIT, Jaipur. The programme witnessed active participation and interactive discussions, significantly enhancing participants' knowledge and research orientation.



One Week FDP

STUDENT WORKSHOP ON "DRONE TECHNOLOGY: ASSEMBLY AND SIMULATION"

A three-day Student Workshop on “Drone Technology: Assembly and Simulation” was successfully organized at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur from 29th to 31st January 2026. The workshop was conducted by the Department of Mechanical Engineering and e-Yantra Lab, SKIT, in collaboration with Dronum India Aviations, Jaipur.

The workshop focused on bridging the gap between theoretical learning and industrial applications by providing hands-on training in drone assembly, simulation, and flying. It introduced participants to the fundamentals of drone technology, including components, working

principles, types of UAVs, and safety protocols, while also enhancing their technical competency and industry readiness.

The workshop included a balanced mix of theory sessions and hands-on activities. Participants were trained in drone simulation using virtual environments to understand flight dynamics and control mechanisms, followed by practical sessions on drone assembly, covering components such as motors, propellers, flight controllers, and power systems. Sessions on drone safety and maintenance emphasized pre-flight checks, troubleshooting, and regulatory guidelines.



Student Workshop

TWO-DAY STUDENT WORKSHOP ON “SUSTAINABLE DEVELOPMENT GOALS (SDGS)”

A two-day workshop on the Sustainable Development Goals (SDGs) was held on 6-7 February 2026 to raise awareness of sustainability in engineering and society. The sessions were delivered by Shri Ramdayal Saini and Dr. Amit Jhalani, who highlighted the significance of the 17 SDGs, sustainable engineering practices, and the role of research and innovation in environmental conservation. The workshop focused on renewable energy, carbon footprint reduction, and integrating sustainability into academic and professional practices. Through practical examples and interactive discussions, students were encouraged to develop eco-friendly solutions and contribute toward societal and environmental well-being.

Overall, the workshop was informative and inspiring, motivating students to adopt sustainable practices and align their technical knowledge with global sustainability goals.



Student Workshop

5-DAY STAFF DEVELOPMENT PROGRAM (SDP) “LABORATORY SAFETY & SKILLS” (LASS)

A five-day Staff Development Program (SDP) on “Laboratory Safety & Skills (LaSS) – 2026” was successfully organized from 24–28 February 2026 by the Department of Mechanical Engineering, SKIT, Jaipur. The programme key focus areas were laboratory safety practices, fire safety training, CPR basic life support (BLS), workplace management-5S, Kaizen, and maintenance management.

The SDP was designed to provide a blend of theoretical knowledge and practical exposure through industrial visits, expert lectures, demonstrations, and hands-on training sessions. The programme commenced with an industrial visit to Bosch Ltd., Jaipur, where participants gained insights into 5S, industrial safety, and continuous improvement practices (Kaizen). On the second day, a fire safety training session was conducted by experts from MDM Pvt. Ltd., Jaipur, including live demonstrations and hands-on fire drills using extinguishers and hydrants, enabling participants to respond effectively to fire

emergencies. The third day featured a CPR and Basic Life Support training session conducted by medical professionals from Eternal Hospital, Jaipur. Participants were trained in life-saving techniques such as CPR, handling cardiac emergencies, choking, and burns through practical demonstrations and guided practice.

On the fourth day, participants visited S.G. Engineering, Jaipur, where they learned about industrial implementation of 5S, Kaizen, and workplace safety practices. A team-building session was also conducted to enhance communication, collaboration, leadership, and decision-making skills among participants. On the final day, an in-house technical session on laboratory equipment maintenance, covering preventive and corrective maintenance, planning, scheduling, and record management, was conducted by Mr. Vinay Singh Marwal, Associate Professor. An assessment and feedback session was conducted to evaluate learning outcomes. The event was successfully coordinated by Mr. Pramod Jain, Chief Proctor and Mr. Vinay Singh Marwal, Associate Professor.



SDP at SKIT

BOOK CHAPTERS PUBLISHED

BOOK	: Sustainable Utilization of Industrial Wastes as Reinforcement in Composite Materials.
AUTHOR/S	: Namita Soni
BOOK CHAPTER	: Mechanical and Tribological Characteristics of Industrial Waste Reinforced Composites: A comparative Study.
PUBLISHER	: CRC Press (Taylor and Francis Group), 2026.

BOOK : Indian Environmental Thought.
AUTHOR/S : Amit Jhalani
BOOK CHAPTER : Zero-waste lifestyle is not a morality, it is the need of the hour.
PUBLISHER : Center for Social and Cultural Studies, Rajasthan, 2026.

BOOK : Industry 4.0 in Composite Manufacturing Industry for Sustainable Development.
AUTHOR/S : Vikash Gautam
BOOK CHAPTER : Investigation of Roles of Banana Fibers on Mechanical Properties of Epoxy-Based Polymer Composite.
PUBLISHER : CRC Press (Taylor and Francis Group), 2026.

FDP ATTENDED

TITLE : Research and Publication Ethics.
DATE : 14 to 19 Nov 2025.
ATTENDED BY : Achin Srivastav, Ankit Kumar Agarwal, Prem Singh, Brij Mohan Sharma, Ashish Nayyar, Chandan Kumar, Deepak Kumar, Sudesh Garg, Trivendra Kumar Sharma, Monika Khurana, Arun Beniwal, Vinay Singh Marwal.
ORGANIZED BY : Research & Development Cell, SKIT Jaipur.

TITLE : Sustainable Development through Renewable Energy Integration.
DATE : 24 to 29 Nov 2025.
ATTENDED BY : Ankit Kumar Agarwal,
ORGANIZED BY : AICTE Training and Learning (ATAL) Academy.

TITLE : Artificial Intelligence's Impact on Transforming Software, Robotics, Electrical, Electronics & Mechanical Fields.
DATE : 24 to 29 Nov 2025.
ATTENDED BY : Brij Mohan Sharma,
ORGANIZED BY : Dhaahish Ahmed College of Engineering, Chennai.

TITLE : AI Integrated Smart E-Mobility Towards Sustainable Development.
DATE : 18 to 22 Nov 2025.
ATTENDED BY : Ashish Nayyar, Prem Singh,

Deepak Kumar, Trivendra Kumar Sharma, Amit Kumar Bansal, Saurabh Gupta, Sunil Kumar, Vinay Singh Marwal, Sudesh Garg.
ORGANIZED BY : SKIT, Jaipur.

TITLE : Green Practices for Sustainable Development
DATE : 08 to 12 Dec 2025.
ATTENDED BY : Sudesh Garg, Prem Singh, Chandan Kumar
ORGANIZED BY : SKIT, Jaipur.

TITLE : A vision towards sustainable development in additive manufacturing.
DATE : 17 to 22 Nov 2025.
ATTENDED BY : Vinay Singh Marwal.
ORGANIZED BY : ATAL - National Institute of Technology, Agrataala.

TITLE : Next-Gen Management: Applications of Artificial Intelligence and Data Analytics in Business Strategy.
DATE : 01 to 06 Dec 2025.
ATTENDED BY : Deepak Kumar
ORGANIZED BY : The Oxford College of Engineering, Bangalore.

TITLE : Emerging research paradigms: methodology, analytical tools and AI Integration.
DATE : 17 to 22 Nov 2025.
ATTENDED BY : Trivendra Kumar Sharma.
ORGANIZED BY : Laxmi Devi Institute of Engineering & Technology, Alwar.

TITLE : Hydrogen 3600: Unlocking the Potential of Sustainable Power.
DATE : 17 to 22 Nov 2025.
ATTENDED BY : Sumita
ORGANIZED BY : AICTE Training and Learning (ATAL) Academy.

TITLE : Recent Advancements in Mechanical Engineering.
DATE : 9 to 13 Dec 2025.
ATTENDED BY : Sudesh Garg, Saurabh Gupta, Vinay Singh Marwal
ORGANIZED BY : Jeppiaar Institute of Technology, Chennai.

TITLE : FDP on Additive Manufacturing.
DATE : 08 to 13 Dec 2025.

ATTENDED BY : Achin Srivastav
ORGANIZED BY : Bethlahem Institute of Engineering,
Karungal.

TITLE : Recent Trends in Renewable Energy
Systems.

DATE : 16 to 20 Dec 2025.

ATTENDED BY : Vinay Singh Marwal.

ORGANIZED BY : Kings College of Engineering,
Puddukkothai, Tamil Nadu, India.

TITLE : Advances in Renewable Energy:
Emerging Systems and Sustainable
Solutions.

DATE : 27 to 31 Jan 2026.

ATTENDED BY : Praveen Saraswat

ORGANIZED BY : Department of Mechanical Engineering,
Swami Keshvanand Institute of
Technology, Management &
Gramothan (SKIT), Jaipur.

TITLE : Artificial Intelligence and Machine
Learning Applications in Electric
Vehicles and Renewable Energy Systems.

DATE : 02 to 07 Feb 2026.

ATTENDED BY : Praveen Saraswat

ORGANIZED BY : Pnsa College of Engineering and
Technology, Dindigul.

TITLE : Advanced Perspectives in IOT.

DATE : 09 to 14 Feb 2026.

ATTENDED BY : Praveen Saraswat

ORGANIZED BY : Government College of Engineering,
Station Road Aurangabad.

TITLE : Applications of Symbolic Software
Tools in Mathematics.

DATE : 09 to 13 Feb 2026.

ATTENDED BY : Deepak Kumar, Prem Singh

ORGANIZED BY : Kings College of Engineering,
Puddukkothai, Tamil Nadu, India.

TITLE : Emerging Trends and Innovation in
Additive Manufacturing.

DATE : 23 to 27 Feb 2026.

ATTENDED BY : Deepak Kumar

ORGANIZED BY : EASA College, Chennai.

CONFERENCE ATTENDED

TITLE : Rethinking Roads: The 5E Way - A
Conclave cum Conference.

DATE : 07-08 Nov, 2025.

ATTENDED BY : Sandeep Kumar Bhaskar, Arun
Beniwal, Trivendra Kumar Sharma,
ORGANIZED BY : Department of Civil Engineering,
SKIT, M&G, Jaipur.

TITLE : International Conference on
Management, Business and Economy.

DATE : 02-03 Dec, 2025.

ATTENDED BY : Dharmendra Hariyani,
Chandan Kumar, Achin Srivastav

ORGANIZED BY : SKIT, Jaipur.

TITLE : Smart Ration Vending & Mobile
Governance: A Managerial Approach
to Improving Efficiency in India's Food
Supply Chain.

DATE : 02-03 Dec, 2025.

ATTENDED BY : Sanjay Bairwa

ORGANIZED BY : SKIT, Jaipur.

TITLE : 17th International Conference on
Intelligent Human-Computer
Interaction

DATE : 14-16 Nov, 2025.

ATTENDED BY : Achin Srivastav

ORGANIZED BY : Centre for Artificial Intelligence,
Banasthali Vidyapith, Rajasthan,
India, jointly in collaboration with
Indian Institute of Information
Technology (IIITA), Allahabad, India.

STTPs/SUMMER SCHOOLS/ REFRESHER COURSES ATTENDED

TITLE : Emerging Trends in Electric Vehicle &
Smart Grid Technology -2026.

DATE : 19-24 Jan, 2026.

ATTENDED BY : Deepak Kumar, Prem Singh, Praveen
Saraswat

ORGANIZED BY : SKIT, Jaipur.

WORKSHOPS ATTENDED

TITLE : Scale Development and Exploratory
Factor Analysis.

DATE : 15-20 Jan, 2026

ATTENDED BY : Deepak Kumar

ORGANIZED BY : Poornima University Jaipur.

TITLE : AI-Powered Research: Tools, Techniques, and Applications.
DATE : 19-23 Jan, 2026
ATTENDED BY : Deepak Kumar
ORGANIZED BY : SKIT, Jaipur.

NPTEL / mooKIT/ IITBX / SWAYAM COURSE COMPLETED

COURSE/TOPIC : Service Management: Integrating Strategy, Operations, and Technology
COMPLETED BY : Dharmendra Hariyani
DURATION : Jul-Dec 2025 (12-week).
CATEGORY : Awarded Elite Certificate

COURSE/TOPIC : Basic Environmental Engineering and Pollution Abatement.
COMPLETED BY : Arun Beniwal
DURATION : Jul-Dec 2025 (12-week)
CATEGORY : Topper of 2%.

COURSE/TOPIC : Product and Brand Management
COMPLETED BY : Achin Srivastav
DURATION : Jul-Dec 2025 (12-week).
CATEGORY : Topper of 5%.

EXPERT TALK DELIVERED

TITLE : Values and Professional Ethics
DATE & VENUE : 31 Jan, 2026. On the occasion of Basant Panchmi Celebration at Government College, Jaipur
DELIVERED BY : Amit Jhalani


TITLE : Youth Icon Swami Vivekananda
DATE & VENUE : 12 Jan, 2026. On the occasion of National Youth Day organized by Institution's innovation cell at Bhartiya Skill Development University, Jaipur.
DELIVERED BY : Amit Jhalani

TITLE : Our Responsibilities
DATE & VENUE : 20 Dec, 2025. In a Student Development Program at Malaviya Convent School, Jaipur.
DELIVERED BY : Amit Jhalani

**CONSISTENCY IS WHAT
TRANSFORMS AVERAGE INTO
EXCELLENCE.**

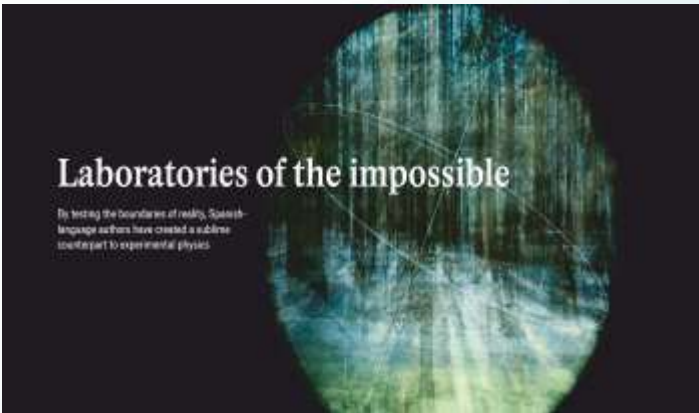
RECOGNITION/ACHIEVEMENTS

AWARD : Jury Member at Hackathon – IISF (2025).
DATE & VENUE : 6-8 December 2025. Jointly organized by the Ministry of Science and Technology (GoI), Ministry of Earth Sciences, the Ministry of Space and Vigyan Bharti held at CSIO-CSIR Chandigarh.
ACHIEVED BY : Amit Jhalani
AWARD : NPTEL Discipline Star
DATE & VENUE : July-Dec, 2025. NPTEL
ACHIEVED BY : Brij Mohan Sharma, Dharmendra Hariyani, Vishnu Jangid.
AWARD : NPTEL Domain Scholars
DATE & VENUE : July-Dec, 2025. NPTEL
ACHIEVED BY : Arun Beniwal, Brij Mohan Sharma.



“There is no good or bad without us, there is only perception. There is the event itself and the story we tell ourselves about what it means.”

— Ryan Holiday



Laboratories of the impossible

By testing the boundaries of reality, Spanish-language authors have created a sublime counterpart to experimental physics.

DEPARTMENT OF

ELECTRONICS AND COMMUNICATION ENGINEERING

EVENTS ORGANIZED

SHILP (SEMICONDUCTOR HIGH-IMPACT LEARNING PROGRAM) AT CSIR-CEERI, PILANI

- Under the aegis of a signed MOU with CEERI, a training program “SHILP (Semiconductor High-Impact Learning Programme)” was conducted at CSIR-CEERI, Pilani from 15th December to 26th December, 2025. The programme was designed to provide hands-on exposure and industry-oriented knowledge in the field of semiconductor technology. During the training,



Glimpses of the programme

participants gained practical experience in various semiconductor fabrication and characterization processes, including wafer cleaning, photolithography, dry and wet etching, metallization processes, thermal oxidation, chemical vapor deposition (CVD), rapid thermal annealing, metal lift-off, and device

characterization. The programme played a crucial role in bridging the gap between theoretical concepts and real-world industrial practices. Prof. Monika Mathur from SKIT and Dr. Vijay Chatterjee from CEERI lead this program.

EXPERT ALUMNI SESSION ON “HIGHER EDUCATION OPPORTUNITIES IN ABROAD”

The Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management and Gramothan (SKIT), in collaboration with the SKIT Alumni Association, organized an informative online session on Higher Education Abroad on Saturday. The session was delivered by the institute's alumnus, Mr. Parth Bhandari, who is currently pursuing his postgraduate studies in science in Salt Lake City, USA. The online session was conducted on 13 December 2025.

During the session, Mr. Bhandari presented a well-structured and specially prepared presentation, providing a comprehensive overview of the entire process of pursuing postgraduate studies abroad. He elaborated on key aspects such as preparation strategies for entrance examinations, the required preparation timeline, application procedures, and selection of universities, financial considerations, scholarship opportunities, and career prospects after completing higher education. Sharing his personal experiences, he emphasized the importance of systematic planning, consistent effort, and self-confidence in successfully securing opportunities for higher education overseas.

Towards the conclusion of the session, Dr. Rohit Mukherjee, Head of the Alumni Association, expressed his sincere gratitude to the speaker for his valuable guidance, time, and insights.

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. 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.



IEEE E-SUMMIT 2026

TWO-DAY STUDENT WORKSHOP ON “SUSTAINABLE DEVELOPMENT GOALS”

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.

INDUSTRIAL VISIT TO JAIPUR SARAS DAIRY

Students of the Electronics and Communication Engineering (ECE) Department of Swami Keshvanand Institute of Technology, Management and Gramothan (SKIT), Jaipur, undertook an industrial visit to Jaipur Saras Dairy located in Malviya Nagar. The visit was organized for the fourth-semester students with the objective of providing them exposure to modern technologies, automation systems, and quality control processes used in the dairy industry.

During the visit, the students were given a detailed explanation of milk collection, testing, processing,

pasteurization, and automated packaging processes. The technical staff of Saras Dairy also explained the use of sensors, PLC-based control systems, and industrial equipment involved in the operations.

The visit was coordinated by Dr. Shubhi Jain, Dr. Pallav Rawal, Dr. J. P. Vijay, and Abhinandan Jain.



Visit to Saras Dairy

BOOKS PUBLISHED

TITLE : Artificial Intelligence in Medical Science
 AUTHOR/S : Shubhi Jain
 PUBLISHER : Scientific International Publishing House

TITLE : Next Generation antenna Technology for 6G
 AUTHOR/S : Shubhi Jain
 PUBLISHER : Technical Press

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

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

PAPERS PRESENTED IN CONFERENCES

TITLE : Comparative Analysis of Machine Learning Models for Performance Evaluation of Defective Plasmonic Grating Sensor
 AUTHOR/S : Priyanka Sharma, Rukhsar Zafar

CONFERENCE : 6th International Conference on Optical & Wireless Technologies 2025 (OWT- 2025), National Institute of Technology (NIT) Goa, India, 18–19 December 2025.

FDPs ATTENDED

TITLE : Faculty Development Program on “Research and Publication Ethics”
DATE : 14th to 19th November 2025
ATTENDED BY : Monika Mathur, Pallav Rawal, Shubhi Jain, Mamta Jain, Swati Arora, J. P. Vijay
ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : Faculty Development Program on “5G and Beyond Wireless Communication Challenges”
DATE : 24th November to 3rd December 2025.
ATTENDED BY : Monika Mathur
ORGANIZED BY : Electronics & ICT Academy, MNIT Jaipur

TITLE : AICTE Training and Learning (ATAL) Academy Faculty Development Program on Generative AI Fluency
DATE : 1st to 6th December, 2025
ATTENDED BY : Harshal Nigam
ORGANIZED BY : NASSCOM

TITLE : AICTE Training and Learning (ATAL) Academy Faculty Development Program on Next Generation Engineering Practices: Materials, Design, and Manufacturing
DATE : 22nd to 27th December, 2025
ATTENDED BY : Neeraj Jain
ORGANIZED BY : Marathwada Mitra Mandal’s College of Engineering, Pune

TITLE : QT-06 Quantum Communication
DATE : 5th January- 31st January, 2026
ATTENDED BY : Monika Mathur
ORGANIZED BY : MNIT Jaipur & AP State Council for Higher Education (APSCHE)

TITLE : 5G beyond Wireless Communication Challenges
DATE : 24th November- 3rd December, 2025
ATTENDED BY : Monika Mathur
ORGANIZED BY : EICT Academy, MNIT Jaipur funded by MeitY and endorsed by AICTE & UGC.

WORKSHOPS ATTENDED

TITLE : National Workshop on “AI Integrated Smart E-Mobility towards Sustainable Development”
DATE : 18th to 22th November, 2025
ATTENDED BY : Harshal Nigam, Swati Arora, Mamta Jain
ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : Five-Day International Workshop on “Deep Dive into AI 2.0”
DATE : 16th to 20th December, 2025
ATTENDED BY : Kiran Rathi
ORGANIZED BY : Manipal University, Jaipur

TITLE : ATAL Faculty Development Programme on “Next-Gen VLSI and Semiconductor Systems: Integrating Machine Learning for Intelligent Design Automation”
DATE : 3rd to 8th November, 2025
ATTENDED BY : Mamta Jain
ORGANIZED BY : R.M.D. Engineering College, Tamil Nadu

TITLE : ATAL Faculty Development Programme on “Cutting Edge AI Technique for teaching and Research”
DATE : 10th to 15th November, 2025
ATTENDED BY : Mamta Jain
ORGANIZED BY : Guru Nanak Institute of Management, New Delhi

TITLE : ATAL Faculty Development Programme on “Sustainable Semiconductor Technologies: Designing Energy-Efficient Devices for Green Electronics”
DATE : 24th to 29th November, 2025
ATTENDED BY : Mamta Jain
ORGANIZED BY : Anil Neerukonda Institute of Technology & Sciences, Visakhapatnam

TITLE : AICTE Training And Learning (ATAL) Academy Faculty Development Program on Smart Energy Storage Technologies: From Research to Real World Applications
DATE : 16th to 22nd December, 2025
ATTENDED BY : Harshal Nigam

ORGANIZED BY : Government College of Engineering,
Kannur

TITLE : AICTE Training and Learning (ATAL)
Academy Faculty Development
Program on Shaping the Future: AI in
Quantum, Photonics,
Nanotechnology and Intelligent
Signal Processing

DATE : 1st to 6th December, 2025

ATTENDED BY : Abhinandan Jain

ORGANIZED BY : Vijaya Institute of Technology for
Women, Andhra Pradesh

TITLE : AICTE Training and Learning (ATAL)
Academy Faculty Development
Program on Research-Based
Pedagogical Tools for Digital
Transformation through Artificial
Intelligence & Machine Learning in
Higher Education

DATE : 8th to 13th December, 2025

ATTENDED BY : Shubhi Jain, Abhinandan Jain

ORGANIZED BY : St. Wilfred's College for Girls Jaipur

TITLE : AICTE Training and Learning (ATAL)
Academy Faculty Development
Program on Emerging Frontiers in
Quantum Technology and
Communication

DATE : 15th to 20th December, 2025

ATTENDED BY : Shubhi Jain

ORGANIZED BY : Madhav Institute of Technology,
Madhya Pradesh

TITLE : AICTE approved Incorporating
Universal Human Values in Education

DATE : 6th to 10th December, 2025

ATTENDED BY : Swati Arora ORGANIZED BY: AICTE,
New Delhi

TITLE : One Week Faculty Development
Program on Recent Advancements in
Machine Learning: Emerging Tools,
Techniques, and Applications

DATE : 24th to 29th November 2025

ATTENDED BY : Swati Arora

ORGANIZED BY : SKIT, M&G, Jaipur

TITLE : Faculty Development Programme on
Basics of Image Processing with
Applications

DATE : 15th December to 24th December, 2025

ATTENDED BY : Gloria Joseph

ORGANIZED BY : Electronics & ICT Academy, MNIT
Jaipur

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 & MG, Jaipur

YEAR : 2026

SESSION CHAIRED

SESSION ON : 6th International Conference on
Optical & Wireless Technologies

CHAIRIED BY : Monika Mathur, Rukhsar Zafar

DATE & VENUE : 18th to 19th December 2025
at NIT Goa

SESSION ON : AICTE-Sponsored Faculty
Development Programme (FDP)
on the theme: Research-Based
Pedagogical Tools for Digital
Transformation through AI and
ML in Higher Education

CHAIRIED BY : Praveen Kumar Jain

DATE & VENUE : 8th to 13th December, 2025, at St.
Wilfred's College for Girls Jaipur

NPTEL / mooKIT/ IITBX / SWAYAM COURSE COMPLETED Faculty NPTEL Certifications

COURSE/TOPIC : Electromagnetic Theory

COMPLETED BY : Harshal Nigam

DURATION & CATEGORY : July to December, 2025
(12-week), Topper

COURSE/TOPIC : Mental Health and
Wellbeing

COMPLETED BY : Suman Sharma

DURATION & CATEGORY : July to December, 2025
(12-week), Gold

COURSE/TOPIC : Computer Architecture

COMPLETED BY : Gloria Joseph

DURATION & CATEGORY : July to December, 2025
(12-week), successfully
Completed

STUDENT NPTEL CERTIFICATIONS

COURSE/TOPIC : The Joy of Computing using Python
COMPLETED BY : Aaliya Parveen, Khushi Jangir
DURATION & CATEGORY : July to December, 2025 (12 weeks), Awarded Elite+Silver Certificate

COURSE/TOPIC : English Language for Competitive Exams
COMPLETED BY : Ashita Bansal
DURATION & CATEGORY : July to December, 2025 (12-week), Awarded Elite+Silver Certificate

COURSE/TOPIC : Developing Soft Skills and Personality
COMPLETED BY : Rajveer Singh Naruka
DURATION & CATEGORY : July to December, 2025 (12 weeks), Awarded Elite+Silver Certificate

COURSE/TOPIC : Public Speaking
COMPLETED BY : Diya Arora
DURATION & CATEGORY : July to December, 2025 (12 weeks), Awarded Elite Certificate

COURSE/TOPIC : Soft Skill Development
COMPLETED BY : Ashita Bansal
DURATION & CATEGORY : July to December, 2025 (12 weeks), Awarded Elite Certificate

COURSE/TOPIC : Digital Circuits
COMPLETED BY : Khwahish Rogha, Prathmesh Nawaria, Rahul Beniwal, Khushi Jangir, Aaliya Parveen, Ashish Gurjar, Vineet Sharma, Komal, Rajveer Singh Naruka
DURATION & CATEGORY : July to December, 2025 (12 weeks), Awarded Elite Certificate

COURSE/TOPIC : Hardware Modeling using Verilog
COMPLETED BY : Khwahish Rogha
DURATION & CATEGORY : July to December, 2025 (12 weeks), Awarded Elite Certificate

COURSE/TOPIC : VLSI Design Flow: RTL to GDS
COMPLETED BY : Aditya Kumar Singh

DURATION & CATEGORY : July to December, 2025 (12 weeks), Awarded Elite Certificate

COURSE/TOPIC : Introduction to Large Language Models (LLMs)
COMPLETED BY : Aditya Kumar Singh
DURATION & CATEGORY : July to December, 2025 (12 weeks), Awarded Elite Certificate

COURSE/TOPIC : Advanced Course in Social Psychology
COMPLETED BY : Rahul Beniwal
DURATION & CATEGORY : July to December, 2025 (12 weeks), Completed

COURSE/TOPIC : Introduction to Machine Learning
COMPLETED BY : Hitarth Sharma
DURATION & CATEGORY : July to December, 2025 (12-week), Completed

COURSE/TOPIC : Introduction to Semiconductor Devices
COMPLETED BY : Anshul Garg
DURATION & CATEGORY : July to December, 2025 (12-week), Completed

COURSE/TOPIC : A Basic Course on Electric and Magnetic Circuits
COMPLETED BY : Vivek Prajapat
DURATION & CATEGORY : July to December, 2025 (12-week), Completed

COURSE/TOPIC : Intelligent Feedback and Control
COMPLETED BY : Sahil Bohra
DURATION & CATEGORY : July to December, 2025 (12-week), Completed

COURSE/TOPIC : Semiconductor Devices and Circuits
COMPLETED BY : Sandeep Kumar
DURATION & CATEGORY : July to December, 2025 (12-week), Completed

COURSE/TOPIC : Problem Solving through Programming in C
COMPLETED BY : Keshav Saini
DURATION & CATEGORY : July to December, 2025 (12-week), Completed

PAPER REVIEWED

TITLE : Optimizing Engineering Photoconductive Antenna: Gap Dimensions for High Performance Terahertz Emission and Receiver

REVIEWER NAME : Monika Mathur JOURNAL: Modern Physics Letters B

TITLE : Design, modeling and experimental characterization of a patch antenna for SWIR/MWIR detection

REVIEWER NAME : Harshal Nigam

JOURNAL : Engineering Research Express (Scopus Indexed Q2 Journal)

ACHIEVEMENTS

- Ms. Priyanka Sharma and Dr. Rukhsar Zafar received the Best Paper Award for the paper titled “Comparative Analysis of Machine Learning Models for Performance Evaluation of Defective Plasmonic Grating Sensor” during 6th International Conference on Optical & Wireless Technologies 2025 (OWT- 2025), National Institute of Technology (NIT) Goa, India, and 18-19 December 2025.
- Mr. Harshal Nigam (Electromagnetic Theory) received the recognition of Topper of this course in NPTEL-SWAYAM.
- Mr. Abhinandan Jain (Digital Circuits) received a mentor certificate from NPTEL-SWAYAM.
- Ms. Priyanka Sharma successfully qualified in the Universe Developer Certification conducted by CDAC Bengaluru.



DEPARTMENT OF

ELECTRICAL ENGINEERING

BOOK CHAPTERS PUBLISHED

BOOK : Role of Plug-In Electric Vehicles in Grid Management Services

AUTHOR/S : S. Kumar, Prateek K. Singhal, S. L. Surana, G. Tiwari, and N. Tiwari

BOOK CHAPTER : Future Trends and Research Directions in EV-integrated Grid, pp 284-301, 2026

PUBLISHER : CRC Press, Taylor & Francis, NY

FDPs ATTENDED

TITLE : Operation and Control of Power Systems in India

DATE : 13-18 Oct, 2025

ATTENDED BY : Dr. Prateek Kumar Singhal

ORGANIZED BY : Thapar Institute of Engineering and Technology

TITLE : Innovation and Entrepreneurship for India's Sustainable Future

DATE : 10-15 Nov, 2025

ATTENDED BY : Dr. Prateek Kumar Singhal

ORGANIZED BY : National Institute of Technology Patna

TITLE : Research and Publication Ethics

DATE : 14-19 Nov, 2025

ATTENDED BY : Dr. Prateek Kumar Singhal

ORGANIZED BY : R&D Cell, SKIT, Jaipur, Rajasthan

TITLE : Sustainable Development through Renewable Energy Integration

DATE : 24-29 Nov, 2025

ATTENDED BY : Dr. Prateek Kumar Singhal

ORGANIZED BY : Engineering College Bikaner

TITLE : Renewable Energy Systems and Grid Integration: Technologies, Challenges & Solutions
 DATE : 01-06 Dec, 2025
 ATTENDED BY : Dr. Prateek Kumar Singhal
 ORGANIZED BY : MEA Engineering College, Perinthalmanna

TITLE : Driving the Future: Sustainable Mobility through Electric Vehicle Technologies and MATLAB Simulations
 DATE : 08-13 Dec, 2025
 ATTENDED BY : Dr. Prateek Kumar Singhal
 ORGANIZED BY : ShriVishwakarma Skill University

TITLE : Advances in Renewable Energy: Emerging Systems and Sustainable Solutions
 DATE : 27-31 Jan, 2026
 ATTENDED BY : Dr. Prateek Kumar Singhal
 ORGANIZED BY : Department of Mechanical Engineering, SKIT, Jaipur, Rajasthan

WORKSHOPS ATTENDED

TITLE : AI Integrated Smart E-Mobility towards Sustainable Development
 DATE : 18-22 Nov, 2025
 ATTENDED BY : Dr. Prateek Kumar Singhal
 ORGANIZED BY : SKIT, Jaipur, Rajasthan

COURSES MENTORED

MENTOR/S : Dr. Prateek Kumar Singhal
 COURSE/TOPIC : Digital Protection of Power System
 DURATION : Jan-April 2026 (12 Weeks)



NATIONAL CONFERENCE ON RETHINKING ROADS 2025

The Department of Civil Engineering and the Centre of Excellence in Transportation Engineering at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, organized a comprehensive two-day national conference and conclave titled “Rethinking Roads 2025” on 7th and 8th November 2025. The event was held in collaboration with Muskaan NGO, the Indian Concrete Institute, and the Indian Green Building Council, bringing together multiple agencies committed to the advancement of road safety, mobility excellence, and sustainable transportation engineering. The inaugural session witnessed the felicitation of Padma Shri Maya Tandon, whose work in the domain of public well-being and social upliftment has been recognised at the national level. The two-day conference “Rethinking Roads 2025” demonstrated that road safety is not a matter of engineering alone but a deeply



interconnected discipline influenced by human behaviour, governance structures, emergency-care systems, and community engagement. It reinforced the need for an integrated approach that combines infrastructure development with public awareness, behavioural education, scientific training, modern engineering practices, and

technologically enabled enforcement mechanisms. The conference concluded with a collective vision to enhance road safety in Rajasthan and beyond through sustained research, coordinated policymaking, institutional collaboration, and the cultivation of a responsible mobility culture.



BOOK CHAPTERS PUBLISHED

- BOOK** : Emerging Technologies in AI, Computation, Communication, and Cybersecurity
- AUTHOR/S** : Ankur Mishra
- BOOK CHAPTER** : AI-inspired agriculture: Advancing sustainable farming through automation and Innovation, 2026
- PUBLISHER** : CRC Press
- BOOK** : Recent Advances in Sustainable Construction Technology, Geotechnics and Structural Engineering, Lecture Notes in Civil Engineering Vol. 761
- AUTHOR/S** : Abhishek Jain and Pooja Jain
- BOOK CHAPTER** : Experimental Investigation on the Effect of Cement Type on the Usage of Ceramic Waste as Fine Aggregate in Mortars, pp 599–608, 2026
- PUBLISHER** : Springer, Singapore

PAPERS PRESENTED IN CONFERENCES

- TITLE** : Numerical Assessment of Slope Stability Reinforced with Piles under Dynamic Loading at the Crest
- AUTHOR/S** : Pankaj Gupta

CONFERENCE : Indian Geotechnical Conference 2025 (IGC–2025), Dr. B. R. Ambedkar National Institute of Technology Jalandhar, Punjab, 18 to 20 December, 2025

TITLE : Numerical Study on Unsaturated Piled Slopes' Stability under Rainfall Infiltration

AUTHOR/S : Pankaj Gupta

CONFERENCE : Indian Geotechnical Conference 2025 (IGC–2025), Dr. B. R. Ambedkar National Institute of Technology Jalandhar, Punjab, 18 to 20 December, 2025

FDPs ATTENDED

TITLE : Research and Publications Ethics

DATE : 14– 19 November, 2025

ATTENDED BY : Abhishek Jain and Akash Johari

ORGANIZED BY : Swami Keshvanand Institute of Technology, Management and Gramothan

TITLE : IS1893 2025 Codal Interpretations and Research Direction: A Modern Approach

DATE : 08– 09 December, 2025

ATTENDED BY : Akash Johari

ORGANIZED BY : Rajeev Gandhi Memorial College of Engineering and Technology

TITLE : Innovation and Emerging Technologies for Sustainable Civil Engineering: An SDG Perspective

DATE : 08– 12 December, 2025

ATTENDED BY : Pooja Jain

ORGANIZED BY : DKTE Society's Textile and Engineering Institute

TITLE : Environmental Life Cycle Assessment

DATE : 18– 19 December, 2025

ATTENDED BY : Palak Agarwal

ORGANIZED BY : MVGR College of Engineering

TITLE : Seismic Evaluation, Strengthening, and Disaster Risk Reduction for Built Infrastructure (ATAL)

DATE : 05– 10 January, 2026

ATTENDED BY : Bharathi M

ORGANIZED BY : National Institute of Technology Calicut

TITLE : Renewable Horizons: Driving Sustainability & Climate Action Forward (ATAL)
DATE : 12-17 January, 2026
ATTENDED BY : Palak Agarwal
ORGANIZED BY : Bansal Institute of Engineering and Technology

TITLE : Capacity Building for Wellbeing and Resilience in Higher Education
DATE : 19-24 January, 2026 (ATAL)
ATTENDED BY : Bharathi M
ORGANIZED BY : National Institute of Technology Warangal

TITLE : National Intellectual Property Awareness Program
DATE : 29 January, 2026
ATTENDED BY : Farhan Mohammad Khan
ORGANIZED BY : Intellectual Property Office, India

TITLE : Gaining Mastery over the Art of Keeping Students Engaged
DATE : 02-06 February, 2026
ATTENDED BY : Abhishek Jain, Farhan Mohammad Khan, Jetender Babulal Jangid, Palak Agarwal, Pooja Gupta, Pooja Jain, Sitaram Saini
ORGANIZED BY : Swami Keshvanand Institute of Technology, Management and Gramothan



DEPARTMENT OF MANAGEMENT STUDIES

INDUSTRIAL VISIT TO JAIPUR RUGS

The Department of Management Studies organized an industrial visit to Jaipur Rugs, Jaipur, on February 11, 2026, for MBA students under the guidance of Dr. Ajay Verma and Dr. Maneesha Kaushik. A total of 40 students participated in the visit. Jaipur Rugs, founded in 1978 by Nand Kishore Chaudhary, is a global luxury carpet brand and social enterprise empowering over 40,000 rural artisans. Students learned about the carpet designing process, which combines traditional art with modern trends using a wide range of colors. The production process involves hand-knotting and hand-tufting



techniques carried out mainly by women artisans. The company follows a direct-to-artisan model, ensuring fair wages and rural development. Students also observed finishing processes like washing, trimming, and quality inspection. The visit provided insights into functional areas such as HR, production, and finance. It highlighted sustainability, customization, and global marketing strategies. Overall, the visit offered valuable practical exposure and concluded with a group photograph.

INDUSTRIAL VISIT TO HASTKALA

On February 11, 2026, the Department of Management Studies at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, organized an Industrial Visit to the Hastkala Furniture Industry located in Sitapura, Jaipur. The visit was arranged for MBA II and IV Semester students with the objective of providing practical exposure to manufacturing operations and

enhancing their understanding of real industrial working environments.

The visit was coordinated by Dr. Maneesha Kaushik and Dr. Ajay Verma, who accompanied the students throughout the programme. The visit provided students with valuable insights into manufacturing processes, organizational workflow, quality management practices, and the role of skilled labour in furniture production.



Industrial Visit to Hastkala

ALUMNI TALK ON MARKETING STRATEGIES FOR EXISTING MARKETS

On February 13, 2026, the Department of Management Studies at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, organized an Alumni Talk on “Marketing Strategies for Existing Markets.” The session aimed to strengthen the connection between academic learning and practical industry exposure by providing students with insights from a successful alumna working in the corporate sector.



Alumni Talk on Marketing Strategies for Existing Markets

The session was delivered by Ms. Tanisha Gupta, an alumna of the MBA Batch 2022–2024 and currently working as a Business Development Associate at Exackt Techfleeters. During the session, she shared her professional journey from being a management student at SKIT to working in the corporate world. She highlighted how academic knowledge, internships, and participation in institutional activities contributed to developing the professional skills required in today's competitive business environment.

ALUMNI TALK ON TECHNOLOGY INNOVATIONS IN MARKETING SECTOR

On February 13, 2026, the Department of Management Studies at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, organized an Alumni Talk on “Technology Innovations in the Marketing Sector.” The session was conducted to enrich students' academic learning through alumni interaction and to provide practical insights into emerging technological developments transforming modern marketing practices. The resource person for the session was Ms. Gunjan Tiwari,



an alumna of the MBA Batch 2023–2025 and currently working as a Business Analyst at Dreamsoft4u Pvt. Ltd. During the session, she shared her professional journey and explained how academic knowledge, internships, and continuous skill development helped her build a successful career in the corporate sector.

A WEEK OF INTENSIVE PROFESSIONAL TRAINING FOR MBA STUDENTS

The Department of Management Studies at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) organized a high-impact, seven-day training program from 4 to 11 February 2026 to bridge the gap between academic learning and corporate expectations. Led by expert trainer Anushree Dixit, the program provided MBA students in Semesters II and IV with a rigorous roadmap for the upcoming placement season. The training kicked off with a deep dive into the recruiter's mindset, highlighting what HR professionals truly look for in management graduates. Students moved beyond theory by drafting individual CVs and receiving direct feedback on common pitfalls. A significant portion of the workshop was dedicated to LinkedIn optimization and the ethical integration of AI tools for profile

refinement, ensuring students stand out in an increasingly digital job market. This one-week training session has been coordinated by Dr. Ona Ladiwal, Professor, DMS.



Training Programme

INTERNATIONAL CONFERENCE ON MANAGEMENT, BUSINESS, AND ECONOMY

The Department of Management Studies, SKIT M&G, Jaipur, successfully organized the International Conference on Management, Business, and Economy (ICMBE-2025) on December 2-3, 2025. The conference brought together academicians, industry leaders, researchers, and policymakers to discuss emerging trends in management, business, economics, and technology, with a focus on digital transformation, sustainability, ESG practices, and entrepreneurship. ICMBE-2025 featured four plenary sessions on the global economy, leadership, digital transformation, and responsible business practices. Speakers such as Dr. Ankur Shukla, Mr. Sebastian Saladino, and Dr. Happy Agrawal shared their expertise, while research scholars presented papers on innovative management, fintech, and sustainability. ICMBE-2025 provided valuable insights, fostered academic-industry collaboration, and inspired participants to embrace innovation, ethical leadership, and sustainability in their professional journeys.



Glimpses of the Conference

DEPARTMENT OF

BASIC SCIENCES AND HUMANITIES

Department of Mathematics

PAPERS PRESENTED IN CONFERENCES

TITLE	: Dynamic study of Cost and Profit in an Economic Order Quantity Inventory Model with Financial Trade Credit
AUTHOR/S	: Vivek Vijay
CONFERENCE	: Recent Advances in Applied Mathematics and Computing (RAAMC 2026)

FDP/STTP) ATTENDED

TITLE	: ATAL FDP on Advanced Engineering Materials towards Sustainable Development
DATE	: 25-08-2025 to 30-08-2025
VENUE	: Anand International College of Engineering, Jaipur (Rajasthan)
ATTENDED BY	: Pramila Kumawat

TITLE	: FDP on AI for Industry 4.0
DATE	: 04-08-2025 to 08-08-2025
VENUE	: NITTTR, Chandigarh.
ATTENDED BY	: Pramila Kumawat

TITLE	: FDP on Research and Publication Ethics
DATE	: 14-11-2025 to 19-11-2025
VENUE	: Research and Development (R&D) Cell, Swami Keshvanand Institute of Technology, Management and Gramothan (SKIT), Jaipur
ATTENDED BY	: Pramila Kumawat

TITLE : 5-day national workshop on Green Practices for Sustainable development
 DATE : 08-12-2025 to 12-12-2025
 VENUE : Department of Chemistry, SKIT
 ATTENDED BY : Jyoti Arora, Surbhi Sharma

TITLE : FDP on Applications of Symbolic Software Tools in Mathematics
 DATE : 09-02-2026 to 13-02-2026
 VENUE : Department of Mathematics, SKIT
 ATTENDED BY : Sumit Gupta, Chandra Prakash Jain, Deepika Jain, Vivek Vijay, Jyoti Arora, Surbhi Sharma, Pramila Kumawat, Sangeeta Choudhary, Amber Srivastava, Rohit Mukherjee, Vijay Kumar Singhal, Shalini Shekhawat, Nawal Kishore Jangid

23, 2026. The eminent speaker, Dr. Preeti Mulay, a Former CSE Professor from Symbiosis, familiarized participants with the role of AI in contemporary research practices. Additionally, the workshop taught participants to use AI tools to identify research gaps, visualize data, apply storytelling techniques, and more. The speaker's efforts were well received by all participants, who left with ample knowledge of tools to strengthen their research process. The session was concluded by Dr. Shipra Malik, and Dr. Anupriya expressed gratitude to the speaker for the extremely well-conducted workshop.



Glimpses of the Workshop

NPTEL COURSES COMPLETED

COURSE/ TOPIC : Matrix Solver
 COMPLETED BY : Vivek Vijay
 DURATION & CATEGORY : (21-07-2025 to 02-11-2025)
 12-week, Elite Certificate

COURSE/ TOPIC : Yoga and Positive Psychology for Managing Career and Life
 COMPLETED BY : Pramila Kumawat
 DURATION & CATEGORY : (18-08-2025 to 10-10-2025)
 08-week, Elite Certificate

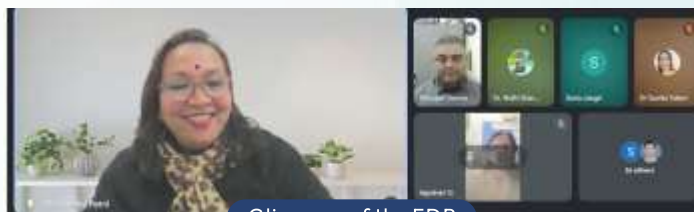


FIVE-DAY WORKSHOP ON AI-POWERED RESEARCH CONCLUDES SUCCESSFULLY AT SKIT

The Five-Day Workshop on AI-Powered Research: Tools, Techniques, and Applications, organized by the Department of English, Swami Keshvanand Institute of Technology, Management & Gramathan, Jaipur and coordinated by Dr. Anupriya Singh, Dr. Shipra Malik, and Ms. Raunak Goswami, concluded successfully on January

FDP ON MASTERING THE ART OF KEEPING STUDENTS ENGAGED

The FDP, based on the theme “Mastering the Art of Keeping Students Engaged,” was organized by the dept. of English, SKIT from 2-6 February 2026 featured Dr. Neerja Saraswat (Assistant Professor, MNIT Jaipur) as the keynote speaker. The programme was successfully organized under the coordination of Dr. Geetika Patni (Department of English) and co-coordinated by Ms. Divyanshi Jain, who led this initiative aimed at enhancing academic standards within the institution. Dr. Saraswat provided deep insights into Differentiated Instruction, explaining how content, processes, and outcomes can be adapted to meet the diverse needs of learners. She emphasized that engagement goes beyond mere attendance and involves meaningful cognitive involvement. Through strategies such as tiered assignments and flexible grouping, she illustrated how teachers can effectively bridge learning gaps among students. The session concluded with a formal vote of thanks extended to the coordinators and the organizing team for facilitating a truly transformative academic experience that promises to redefine educational practices at SKIT.



Glimpses of the FDP

BOOK CHAPTER PUBLISHED

BOOK : Zadie Smith: New Perspectives
(Part of series: Twenty First Century Perspectives)

AUTHOR : Manasvini Rai

BOOK CHAPTER : "Contested Spaces," Conflict, and Stability: The Socio-Structural Politics of Urban Spaces in Zadie Smith's Selected Essays (Chapter 9), 2026

PUBLISHER : Manchester University Press, Manchester, United Kingdom

Knowledge System: Perspectives and Imperatives held at the University of Rajasthan, Jaipur on 23rd-24th January 2026.

TITLE : At the Crossroads of Technology and Values: Relevance of UHV in Indian Engineering Curriculum

AUTHOR : Neha Purohit

CONFERENCE : International Conference on Indian Knowledge System: Perspectives and Imperatives held at University of Rajasthan, Jaipur, on 23rd-24th January 2026.

PAPER PRESENTED IN THE CONFERENCES

TITLE : Indian Knowledge System: Challenges in the Higher Education System

AUTHOR : Dr. Sheeba Anjum

CONFERENCE : International Conference on Indian Knowledge System: Perspectives and Imperatives held at the University of Rajasthan, Jaipur, on 23rd-24th January 2026.

TITLE : Women and the Politics of the Kitchen: Embodied Resistance and Gender Performativity in the Film Mrs. (2025)

AUTHOR : Shiv Priya

CONFERENCE : Two-Day International Seminar on Cultures of Body, Bodies of Culture: Thinking Plurality Today, organized by the Department of English at the University of North Bengal on 17-18 January 2026. (Online)

TITLE : Linguistic Diversity, Marginal Dialects and Accessibility in Bihar

AUTHOR : Rashmi Kaushik

CONFERENCE : International Conference on Verses: Voices, Expressions, Resistance subversions in English Studies, Social sciences and Humanities. Amity University, Patna. (27-28 NOV 2025)

WORKSHOP / FDP ATTENDED

TITLE : AI-Powered Research: Tools, Techniques, and Applications

ATTENDED BY : Rashmi Kaushik

ORGANIZED BY : SKIT, Jaipur, 19-23 January 2026.

TITLE : Gendered Precarity and Ecological Injustice in Pandemic Migration: An Ecofeminist Reading of Bheed (2023)

AUTHOR : Shiv Priya

CONFERENCE : ICSSR-Sponsored International Trans disciplinary Conference on People, Planet, and Prosperity: Navigating Pathways to a Sustainable Future held at St. Xavier's College Jaipur on 30th - 31st January 2026.

TITLE : FDP on Research and Publication Ethics

ATTENDED BY : Rashmi Kaushik, Sheeba Anjum, Anupriya Singh

ORGANIZED BY : SKIT, Jaipur, 14-19 November 2025.

TITLE : What Is Taught and What Is Silenced: Indian Knowledge Systems in the Modern University

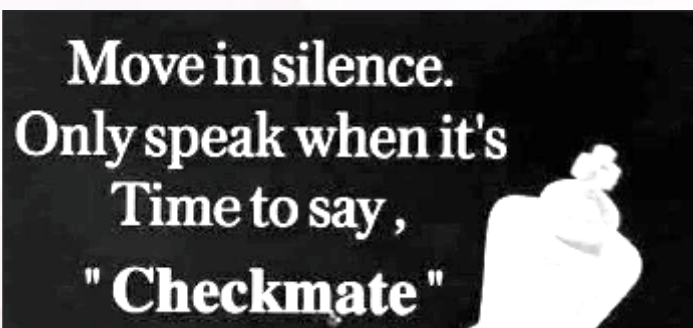
AUTHOR : Shiv Priya

CONFERENCE : International Conference on Indian

TITLE : Gaining Mastery over the Art of Keeping Students Engaged

ATTENDED BY : Rashmi Kaushik

ORGANIZED BY : SKIT, Jaipur, 2-6 February 2026



Department of Chemistry

NATIONAL WORKSHOP-GREEN PRACTICES FOR SUSTAINABLE DEVELOPMENT

A five day 2nd national workshop on green practices for sustainable development was organized by Department of Chemistry for Faculty and Research Scholars from 8 to 12 December, 2025.. The main objective of the workshop was to generate awareness on sustainability and green practices not only in labs but also in everyday life. For its execution, experts from various fields of green practices were invited and they explained that how world is transforming into the use of green technology in every aspect of life. Workshop comprised of sessions of Dr Nivedita Kaul & Dr Meena Nemiwal, MNIT,Jaipur, Dr. Sushil Sharma, University of Kota and Dr Garima Kaushik, Central University of Rajasthan on Green Practices and sustainability. Workshop also included visit to Material Research Centre (MRC)lab, MNIT, Jaipur.



EXPERT TALK ON GREEN PRACTICES

The Department of Chemistry conducted an expert talk on Green Practices for students on 31st January, 2026. The talk was delivered by Prof. Ranjana Prakash from Department of Chemistry, Thapar University. The expert

talk covered the topics related to sustainability and green practices, an effort made to achieve the sustainable Development Goal.



PAPERS PRESENTED IN CONFERENCES

- | | |
|------------|--|
| TITLE | : Use of Nanomaterials for the Treatment of Domestic and Waste Water |
| AUTHOR/S | : Swati Joshi |
| CONFERENCE | : National Conference on Materials science and Technology-2025 (NCMST-2025), S. S. Jain Subodh P.G. College, Jaipur, 15-16 December, 2025 |
| TITLE | : A Review on Biofuels: Sustainable Approach towards Environment |
| AUTHOR/S | : Swati Joshi |
| CONFERENCE | : National Workshop on Advancing Research Frontiers for Global Impact: Strategies for Scientific Excellence, University of Rajasthan, Jaipur, 28-29 November, 2025 |
| TITLE | : Disinfection Treatments for Water Treatments using Nanomaterials |
| AUTHOR/S | : Poonam Ojha |
| CONFERENCE | : National Conference on Materials Science and Technology-2025 (NCMST-2025), S. S. Jain Subodh P.G. College, Jaipur, 15-16 December, 2025 |
| TITLE | : Sustainable Conversion of Solid Waste into Energy: Review |
| AUTHOR/S | : Poonam Ojha |
| CONFERENCE | : National Workshop on Advancing Research Frontiers for Global Impact: Strategies for Scientific Excellence, University of Rajasthan, Jaipur, 28-29 November, 2025 |

FDPs ATTENDED

TITLE : FDP on Enabling Teachers with AI Tools and Innovative Approaches for Effective Teaching-Learning
DATE : 08 January, 2026 to 12 January, 2026
ATTENDED BY : Swati Joshi and Poonam Ojha
ORGANIZED BY : DBIT, New Delhi

WORKSHOPS ATTENDED

TITLE : National Workshop on Green Practices for Sustainable Development
DATE : 8 to 12 December, 2025
ATTENDED BY : Swati Joshi, Sangeeta Vyas, Sharda Soni, Vinita Sharma, Anurag Sharma, Poonam Ojha
ORGANIZED BY : SKIT, Jaipur

STTPs/SUMMER SCHOOLS/ REFRESHER COURSES ATTENDED

TITLE : NEP 2020 Orientation and Sensitization Programme
DATE : 10 to 19 November, 2025
ATTENDED BY : Vinita Sharma
ORGANIZED BY : UGC-Malaviya Mission Teacher Training Centre, National Institute of Educational Planning and Administration, New Delhi, in collaboration with Saryiya College, Suriya, Jharkhand

SEMINARS / WEBINARS ATTENDED

TITLE : Seminar on Recent Advancement in Sustainable Chemistry & the Role of Technical Terminology in Bhartiya Bhashas
DATE : 28 to 29 November, 2025
ATTENDED BY : Swati Joshi and Poonam Ojha
ORGANIZED BY : S. S. Jain Subodh P.G. College, Jaipur

Education is the most powerful weapon which you can use to change the world.

EXPERT TALK DELIVERED

TITLE : Cosmic Chronology: A Comparative Study of Time Calculation in the Bhagvata Purana and Modern Cosmology
DATE & VENUE : 28th February, 2026. At RSC International Conference on Green Advancements in Science and Technology), organized by P.G. Department of Chemistry, Govt. Dungar college Bikaner.
DELIVERED BY : Sharda Soni

PAPER REVIEWED

TITLE : Green Chemistry Approach for Optimizing Cane Juice Clarification and Chemical-free Sugar Production using Nanomaterials
REVIEWER NAME: Dr. Poonam Ojha
JOURNAL : Discover Chemistry

**Department of
Physics**

STUDENT WORKSHOP ON VIRTUAL LABS

A Student Workshop on "Virtual Physics Lab" was organized by the Department of Physics, Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur on 07 Feb., 2026. 82 students attended the workshop and benefited from the experience of eminent speakers. This program was coordinated by Dr. Rajiv Kumar, Dr. Pawan Kumar Jain, and Dr. Ajay Kumar Sharma. Dr. Pawan Kumar Jain introduced the students to the objective and philosophy of the virtual lab developed by IITs and other reputed institutions. He performed and demonstrated various experiments related to Interference and Diffraction Phenomena, Semiconductor Physics, Lasers, and optical fibers on the Virtual Lab platform. He said that the virtual labs are based on the idea that lab experiments can be taught using the internet more efficiently in a cost-effective manner. In the valedictory ceremony, Dr. Rajiv Kumar, the coordinator of the program, presented a brief description of this program.



FDP ON “RECENT TRENDS IN MATERIALS SCIENCE AND ENGINEERING”

A one-week Faculty Development Programme (FDP) on “Recent Trends in Materials Science and Engineering” was organized by the Physics Department of SKIT Jaipur in association with CSIR-IMMT. The programme featured expert lectures on emerging materials and energy technologies. On the first day, Dr. Vikas Sharma discussed next-generation solar cells beyond silicon, focusing on perovskite photovoltaic. On the second day, Dr. Nisha Verma highlighted thermoelectric materials for converting waste heat into electricity. On third day Dr. T. Pavan Kumar emphasized innovation and Intellectual Property Rights in research. On the fourth day, Dr. D. V. Maheswar Repaka spoke on high-throughput synthesis and energy-harvesting materials, while on the last day, Dr. Anurag Gaur discussed nanomaterial for energy conversion and storage. The programme concluded with a vote of thanks by Prof. Rishi Vyas.

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

TITLE : Design Optimization of Compact Micro strip Patch Antenna for 5G Networks
AUTHOR/S : Pawan Kumar Jain
JOURNAL : Taylor & Francis Group, London, ISBN 978-1-041-16452-4 (2026).

TITLE : Design and Performance of a Dual Band Planar Dipole Antenna for Enhanced Connectivity
AUTHOR/S : Pawan Kumar Jain
JOURNAL : Taylor & Francis Group, London, ISBN 978-1-041-16452-4 (2026).

TITLE : A Detailed Overview of CSP and Thermal Energy Storage Technologies.
AUTHOR/S : Pawan Kumar Jain
JOURNAL : Taylor & Francis Group, London, ISBN 978-1-041-16452-4 (2026).

TITLE : Design and Performance Analysis of a U-Shaped Micro strip Patch Antenna for Multiband Wireless Applications
AUTHOR/S : Pawan Kumar Jain
JOURNAL : Taylor & Francis Group, London, ISBN 978-1-041-16452-4 (2026).

FDP's ATTENDED

TITLE : ATAL FDP on “Modeling and Simulation of Composite Materials: Fabrication, Characterization and Applications”.
DATE : 09-14 February, 2026
VENUE : Ellitte College of Engineering
ATTENDED BY : Rishi Vyas

TITLE : ATAL FDP on “Renewable Horizons: Driving Sustainability & Climate Action Forward”.
DATE : 12-17 January, 2026
VENUE : Bansal Institute of Engineering and Technology
ATTENDED BY : Rishi Vyas

TITLE : FDP on Applications of symbolic software Tools in Mathematics”
DATE : 09-13 February, 2026
VENUE : SKIT, Jaipur
ATTENDED BY : Rajiv Kumar, Pawan Kumar Jain, Ajay Sharma, Brajraj Sharma, Manasvi Dixit, Komal Sharma

TITLE : One week FDP on Advances in Renewable Energy: Emerging Systems and Sustainable Solutions (ARE-2026)
DATE : 27-31 January, 2026
VENUE : SKIT, Jaipur
ATTENDED BY : Rajiv Kumar, Pawan Kumar Jain, Ajay Sharma, Brajraj Sharma, Manasvi Dixit, Komal Sharma

**Knowledge will give you power,
 But good character will give you respect.**

STTP/WORKSHOP ATTENDED

TITLE : National workshop on AI-Integrated Smart E-Mobility towards Sustainable Development
DATE : 18-22 November, 2025
VENUE : SKIT, Jaipur
ATTENDED BY: Brajraj Sharma

TITLE : Five days' workshop on Green Practices for Sustainable Developments
DATE : 08-12 December, 2025
VENUE : SKIT, Jaipur
ATTENDED BY: Pawan Kumar Jain, Ajay Sharma, Brajraj Sharma, Manasvi Dixit, Komal Sharma

TITLE : Two days' workshop on Scientific and Mathematical Solutions from Indian Knowledge Systems"
DATE : 3-4 November, 2025
VENUE : ST. Wilfred's College for Girls, Jaipur
ATTENDED BY: Brajraj Sharma

TITLE : Two days' workshop on Research Cognitively Intellectual Cartographies and Research Professionalism
DATE : 12-13 December, 2025
VENUE : Arul Anandar College Madurai, Tamil Nadu
ATTENDED BY: Brajraj Sharma

NPTEL/MOOCs/ IITBX/SWAYAM COURSE

COURSE/TOPIC : Artificial Intelligence Concepts and Techniques
COMPLETED BY : Rishi Vyas
DURATION & CATEGORY : Jul-Oct. 2025 (12-week Course), Silver Medal

COURSE/TOPIC : Introduction to Quantum Computing: Quantum Algorithms and Qiskit
COMPLETED BY : Pawan Kumar Jain
DURATION & CATEGORY : Jul-Aug 2025 (4-week Course), Silver Medal and Topper 2%

Even if this world treats you badly,
always do good for others. It will come back
in amazing ways.

PAPERS PUBLISHED

DEPARTMENT OF MECHANICAL ENGINEERING

PAPERS PUBLISHED IN JOURNAL

TITLE : Empowering Sustainable Energy Systems with AI: Opportunities, Challenges, and Strategic Solutions.
AUTHOR/S : Amit Jhalani
JOURNAL : Environmental Progress & Sustainable Energy. John Wiley Publication, (2025).

TITLE : Comparative Analysis of Non-Linear Regression and Artificial Neural Network for Shrinkage Prediction of HDPE in Injection Molding.
AUTHOR/S : Deepak Kumar, Achin Srivastav, Manoj Kumar Sain, Vikash Gautam
JOURNAL : SKIT Research Journal, Vol. 15; Issue 2; (2025) pp. 72-75.

TITLE : Optimization of Complex Mathematical Functions Using Coded Genetic Algorithm in Python.
AUTHOR/S : Deepak Kumar, Monu Gupta
JOURNAL : SKIT Research Journal, Vol. 15; Issue 2; (2025) pp. 76-79.

TITLE : Experimental Analysis of Wear Characteristics in Natural Fibre Composite Materials.
AUTHOR/S : Sumit Sharma, Chandan Kumar, Nikhil Sharma, Yogesh Kumar Sharma, Peeyush Vats, Abhishek Kumar Tripathi
JOURNAL : Journal of Polymer and Composites, Vol. 13; Issue 6; (2025) pp. 444-450.

TITLE : Assessing the Effects of Ternary Oxygenated Fuel Blends on CI Engine Performance and Emissions.
AUTHOR/S : Chandan Kumar, Ankit Agarwal, Lokendra Choudhary, Nikhil Sharma, Prem Singh, Sushil Surana.

JOURNAL : SKIT Research Journal, Vol. 15; Issue 2; (2025) pp. 66-71.

TITLE : Sustainability design approaches: From material/component-level innovation to socio-technological-ecological sustainability transitions.

AUTHOR/S : Dharmendra Hariyani
JOURNAL : Sustainable Futures, Vol. 11; (2025) pp. 101618.

TITLE : The role of leadership in sustainable digital transformation of the organization.

AUTHOR/S : Dharmendra Hariyani, Poonam Hariyani, Sanjeev Mishra
JOURNAL : Sustainable Futures, Vol. 10; Dec. (2025) pp. 101130

TITLE : A literature review on enablers for the adoption of integrated sustainable green lean six sigma agile manufacturing system (ISGLSAMS).

AUTHOR/S : Dharmendra Hariyani, Poonam Hariyani, Sanjeev Mishra
JOURNAL : Next Research, Vol. 2; Issue 4; Dec. (2025) pp. 100814

JOURNAL : Equilibrium – Vol. 20, Issue 04 – pp. 1257-1305

TITLE : Quantum-Resilient Cryptographic Schemes Using Multivariate Polynomial Lattices

AUTHOR/S : Loveleen Kumar
JOURNAL : Journal of Discrete Mathematical Science and Cryptography – Taru Publications – Vol. 28, Issue 6 – pp. 2489-2497

TITLE : Enhancing Crypto-Interoperability Resilience (CIR) by Bridging the Gap between Classical and Post-Quantum Cryptographic Standards

AUTHOR/S : Loveleen Kumar
JOURNAL : Journal of Discrete Mathematical Sciences and Cryptography – Taru Publications – Vol. 28, Issue 6 – pp. 2477-2488

TITLE : Decentralized Authentication and Identity Verification for Social Networks Using Block chain Technology

AUTHOR/S : Sohan Lal Gupta
JOURNAL : AHURI Final Report Journal – Vol. 19, Issue 01 – pp. 15-67

TITLE : Secure and Transparent Artificial Intelligence through Uncertainty-Infused Algebraic Frameworks

AUTHOR/S : Bagesh Kumar, Jeba Nega Cheltha, Praveen Kumar Yadav, Manish Kumar Sharma, Pankaj Dadheech, Shyam Sunder Manaktala

JOURNAL : Journal of Discrete Mathematical Sciences and Cryptography – Vol. 29, Issue 2-B – pp. 1125-1134

TITLE : Plant Disease Detection Using Machine Learning: A Comprehensive Framework and Performance Analysis

AUTHOR/S : Anjana Sangwan, Kritika Sharma
JOURNAL : IJSREM – Volume: 09 Issue: 11 – Page 1-10 (Nov 2025)

TITLE : Bean Guru is an AI-Driven Coffee Recommendation Web Application

AUTHOR/S : Mithlesh Arya

DEPARTMENT OF CSE

PAPERS PUBLISHED IN JOURNAL

TITLE : Breaking Neural Networks through Algebraic Lens: A Preliminary Analysis of Mathematical Vulnerabilities in AI Architectures

AUTHOR/S : Pankaj Dadheech
JOURNAL : IEEE Access – Vol. 13 – pp. 210812-210827

TITLE : AI Governance in Higher Education: A Meta-Analytic Thematic Review of Current Research Trends, Policy Initiatives and Knowledge Gaps

AUTHOR/S : Abbas, A., Azar, B. B., Mahrishi, M., Martín-Núñez, J. L., & Mishra, D.

JOURNAL : Recent Trends in Artificial Intelligence & Its Applications — MAT Journal — Vol. 4, No. 2 — Page 83–89 (Nov 2025)

TITLE : Smart Farming with IoT: Real-Time Monitoring and Resource Optimization

AUTHOR/S : Mithlesh Arya

JOURNAL : Journal of IoT-based Distributed Sensor Networks — MAT Journal — Vol. 2, No. 3 - Page 1–7 (Nov 2025)

TITLE : Bean Guru is an AI-Driven Coffee Recommendation Web Application

AUTHOR/S : Shirish Nagar, Mithlesh Arya

JOURNAL : Recent Trends in Artificial Intelligence & Its Applications — MAT Journal — Vol. 4, No. 3 (2025) — Page 83–89

TITLE : Classification and Analysis of Medicinal Plants Using Deep Learning — A Review

AUTHOR/S : Manish Bhardwaj

JOURNAL : IJSKIT — SKIT — Vol. 15, No. 1 — Page 1–4

TITLE : Empowering Business Intelligence with Power BI: A Case Study on Insight Inc

AUTHOR/S : Manish Bhardwaj

JOURNAL : IJSKIT — SKIT — Vol. 15, No. 1 — Page 5–13

TITLE : Elevating Security Measures in Ad Hoc Networks: An Intrusion Detection Approach with Deep Learning

AUTHOR/S : Manish Bhardwaj

JOURNAL : IJSKIT — SKIT — Vol. 15, No. 1 — Page 5–13

TITLE : Hybrid Quantum–AI Models for Healthcare Prediction: Enhancing Accuracy on Complex Data and Addressing Barriers to Clinical Adoption

AUTHOR/S : Sohan Lal Gupta

JOURNAL : Journal of Academic Trends & Innovative Research-Vol. 01, Issue 01 Page 16–29

DEPARTMENT OF ECE

PAPERS PUBLISHED IN JOURNAL

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, 2246–2255, March 2026

TITLE : Multi Beam Formation using a Parasitic Patch Integrated Microstrip Array for 5G Communication

AUTHOR/S : Harshal Nigam, Monika Mathur

JOURNAL : UNEC Journal of Engineering & Applied Science, Vol.5; Issue 2 (2025), pp. 75–87, December 2025

TITLE : Ambiguity Function Analysis of LFM and Stepped LFM Waveform

AUTHOR/S : Shivam Choudhary, Monika Mathur

JOURNAL : SKIT Research Journal, Vol. 15; Issue 2 (2025), pp. 34–39

TITLE : Investigation of ZnO Thin Film Characteristics Fabricated as Buffer Layer for CIGS Thin Film Solar Cell

AUTHOR/S : Satyendra Kumar, Swati Arora

JOURNAL : International Journal of Innovative Research in Technology (IJIRT), vol. 12, no. 7, pp. 5723–5727, ISSN: 2349–6002, Dec. 2025.

DEPARTMENT OF IT

PAPERS PUBLISHED IN JOURNAL

TITLE : Decentralized Authentication and Identity Verification for Social Networks Using Blockchain Technology

AUTHOR/S : Sohan Lal Gupta, Dr. Vipin Jain, Kailash Soni, Vinod Kataria, Dr. Megha Gupta

JOURNAL : ISSN No.: 1834–7223, 2026, Scopus Index, AHURI Final Report Journal

TITLE : Air Canvas: A Gesture-Based Platform for Interactive Digital Drawing and Real Time Creativity

AUTHOR/S : Radhika Soni, Priyanka Sharma, Payal Nagar, Ajay Bhardwaj, Nikhar Bhatnagar

JOURNAL : SKIT Research, 19–23, Volume 15, Issue 2:2025,

TITLE : Hybrid Quantum–AI Models for Healthcare Prediction: Enhancing Accuracy on Complex Data and Addressing Barriers to Clinical Adoption

AUTHOR/S : Sohan Lal Gupta, Dr. Vipin Jain, Dr. Arpita Sharma, Vinod Kataria, Kailash Soni

JOURNAL : Journal of Academic Trends & Innovative Research, Volume 1, Issue 1: Jan 2026,

TITLE : Lightweight HECC-DWT-based secure image encryption with integrity verification and access control

AUTHOR/S : Anshika Malsaria, Vijay Kumar Sharma, Pankaj Dadheech, Sanwta Ram Dogiwal

JOURNAL : Journal of Discrete Mathematical Sciences and 2175–2185, 2025

TITLE : Secure and transparent artificial intelligence through uncertainty-infused algebraic frameworks

AUTHOR/S : Bagesh Kumar, Jeba Nega Cheltha, Praveen Kumar Yadav, Manish Kumar Sharma, Pankaj Dadheech & Shyam Sunder Manaktala

JOURNAL : Journal of Discrete Mathematical Sciences and Cryptography

AUTHOR/S : Pooja Gupta and Akash Johari

JOURNAL : International Advanced Research Journal in Science, Engineering and Technology, Vol. 12; Issue 2 (2025) pp. 1–8

TITLE : Analysis of Multi-Storey Buildings under Blast Loads: Influence of Floor Shape on Structural Performance

AUTHOR/S : Ankur Mishra

JOURNAL : SKIT Research Journal, Vol. 15; Issue 2 (2025) pp. 1–7

TITLE : An Overview of the Literature on Green Blue Infrastructures

AUTHOR/S : Jetender Babulal Jangid and Akash Johari

JOURNAL : SKIT Research Journal, Vol. 15; Issue 2 (2025) pp. 8–12

TITLE : Sustainable Solution for Soil Improvement with Rice Hush Ash and Lime

AUTHOR/S : Pooja Gupta, Akash Johari and Sunita Tolani

JOURNAL : SKIT Research Journal, 2026

DEPARTMENT OF MATHEMATICS

DEPARTMENT OF CE

PAPERS PUBLISHED IN JOURNAL

TITLE : Numerical Analysis of Crest Loading and Pile Positioning in Rainfall-Affected Slope Stability

AUTHOR/S : Pankaj Gupta

JOURNAL : Journal of Structural Design and Construction Practice, ASCE, Vol. 31; Issue 2 (2026)

TITLE : Sustainable Pavement Solutions: Impact of Compaction Temperature on Organic Additive-Based Warm Mix Asphalt

AUTHOR/S : Nishant Sachdeva

JOURNAL : Jordan Journal of Civil Engineering, Vol. 20; Issue 2 (2026)

TITLE : Utilization of Plastic and Fly Ash as Soil Stabilizers

PAPERS PUBLISHED IN JOURNAL

TOPIC : High performance AI-machine learning enabled Levenberg–Marquardt algorithm for Thermo-energy storage in tetra hybrid nanofluids

AUTHOR/S : Chandra Prakash Jain, Deepika Jain, Sumit Gupta

JOURNAL : Nano-Structures & Nano-Objects, Elsevier

TOPIC : Novel Investigation of Hepatitis B Transmission Dynamics via Fractal Fractional Operators of Variable and Constant Order with Memory Effects

AUTHOR/S : Deepika Jain, Sumit Gupta

JOURNAL : Critical Reviews™ in Biomedical Engineering, Begell House

TOPIC : Artificial Intelligence-based Levenberg Marquardt approach to solving Tsunami Wave Propagation Model

AUTHOR/S : Chandra Prakash Jain, Deepika Jain, Sumit Gupta

JOURNAL : SKIT Research Journal.

TOPIC : Data Driven ANN-ML based Levenberg Marquardt algorithm for Fractional Coupled Differential equations
AUTHOR/S : Deepika Jain, Sumit Gupta
JOURNAL : SKIT Research Journal.

TOPIC : Intelligent Computational Machine Learning Approach for solving 3D heat like equation
AUTHOR/S : Deepika Jain, Sumit Gupta
JOURNAL : SKIT Research Journal.

TOPIC : Sustainable Conversion of Solid Waste into Energy: Review
AUTHOR/S : Jyoti Arora
JOURNAL : International Journal for Research Trends and Innovation.

TOPIC : Review on Effects of Fluoride Contamination and Remediation Methods
AUTHOR/S : Jyoti Arora
JOURNAL : International Journal of Innovative Research in Technology.

TOPIC : The Integral Role of Mathematics in Machine Learning
AUTHOR/S : Jyoti Arora, Pramila Kumawat, Sangeeta Choudhary
JOURNAL : SKIT Research Journal

DEPARTMENT OF CHEMISTRY

PAPERS PUBLISHED IN JOURNAL

TITLE : Sustainable Conversion of Solid waste into Energy: Review
AUTHOR/S : Poonam Ojha, Swati Joshi
JOURNAL : International Journal for Research Trends and Innovation, Vol. 11, Issue 1 (2026) pp. a84-a87

TITLE : Review on Effects of Fluoride Contamination and Remediation Methods
AUTHOR/S : Poonam Ojha, Swati Joshi
JOURNAL : International Journal of Innovative Research in Technology, Vol. 12, Issue 8 (2026) pp. 6003-6007

DEPARTMENT OF PHYSICS

PAPERS PUBLISHED IN JOURNAL

TOPIC : High-performance AI-machine learning enabled Levenberg-Marquardt algorithm for thermo-energy storage in tetra hybrid nanofluids
AUTHOR/S : Pawan Kumar Jain
JOURNAL : Nano-Structures & Nano-Objects, Elsevier

DEPARTMENT OF ELECTRICAL ENGINEERING

PAPERS PUBLISHED IN JOURNAL

TITLE : Advancement of Current Differential Relay using Arduino
AUTHOR/S : Prateek K. Singhal, S. L. Surana, H.Jangid, G.Namdev, H. Kachhawa, J.Chhawachharia, and D. Malik
JOURNAL : SKIT Research Journal, Vol. 15, Issue 1; (2025)

TITLE : Optimizing Thermal Generation Scheduling Using Truncated Dynamic Programming Techniques
AUTHOR/S : Prateek K. Singhal, S. Kumar, and D. Chitara
JOURNAL : SKIT Research Journal, Vol. 15, Issue 1; (2025)

TITLE : Improved Large-Scale Power Systems Stabilizer Performance Using Multi-Verse Optimization
AUTHOR/S : D.Chitara, Prateek K. Singhal, and S. Kumar
JOURNAL : SKIT Research Journal, Vol. 15, Issue 1; (2025)

TITLE : Enhancing Electricity Consumption Forecasting using Hybrid ANN-ANFIS Models for Smart Grid Applications

AUTHOR/S : S. Kumar, L. K. Sagar, G. Tiwari, and Prateek K. Singhal
JOURNAL : Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 12; Issue 3 (2025) pp. 1589-1597

TITLE : Unit Vector Template Control Analogy Control Algorithm for DSTATCOM to Improve the Power Factor
AUTHOR/S : G.Gupta, Prateek K. Singhal, and. A. Baneerjee
JOURNAL : SKIT Research Journal, Vol. 15, Issue 2; (2026)



Lessons from an Ordinary Day

“Sometimes the greatest life lessons arrive quietly, through the most ordinary moments.”

I was returning from my hometown after the Holi celebrations. I had booked an Uber bike and was waiting near the Jaipur Railway Station. The distance from the station to my college is around 18-20 km, and usually the fare for a bike ride is around ₹120-130.

When I spoke to the Uber rider on the phone, he told me that the fare was too low and that he would take at least ₹200. As a student,

that felt like quite a big amount for me. I was already running late, so I started bargaining. After a few minutes of discussion, we finally agreed on ₹180. Because of the Holi celebrations, very few Uber drivers were available, so instead of waiting longer, I decided to go with that amount.

While I was waiting, I overheard a conversation nearby. An elderly woman, probably around 70 years old, was talking on the phone. From her words, it seemed she was speaking to her son. She was telling him that she had received her salary from work that day, around ₹1000. She also said that she had saved another ₹1000 and that it would be enough for them to manage the entire month.

In a calm and loving voice, she reassured him, saying, “Don't worry. You keep working hard. You will surely find a job. Don't take tension about this month. I have managed it. I am coming home.”

Listening to her words, something suddenly stirred inside me. Here I was arguing over a few rupees, while a seventy-year-old mother was still working and saving every bit she could just to support her family and encourage her son.

It made me realize how much our parents sacrifice for us. They work tirelessly, often hiding their struggles, just so we can study, grow, and live better lives. Yet many times, we fail to truly understand the value of their hard work and the money they send us.

Soon, the driver arrived. From his appearance and simple manner, it was clear that he also came from a modest background. After a short ride, we reached my college.

When I got down, I handed him ₹200.

I did not give the extra money because I thought he was poor or because I felt pity. I gave it with happiness. Somehow, after hearing that old woman's conversation, I felt that if a small gesture from me could support someone's effort and encourage him to keep working hard, then it was worth it.

That day, I also made a small promise to myself that I would try to reduce my unnecessary expenses and value money more. Because every rupee our parents send to us carries their hard work, their sacrifices, and their silent love.

Sometimes, the biggest life lessons do not come from books or classrooms. They come from small, ordinary moments that quietly change the way we think.

And that day, an ordinary moment taught me an extraordinary lesson.

Keshav Saini
IT-II year

Echoes of a Hero's Journey

I walk on a lonely Road
Where the city sleeps
And no one there to judge me

I walk on a road of Dreams
the world of Dreams where I am not controlled
which keeps on and on until I am suppressed

I walk on a road where there is a diverse attitude
where one's heart is full of hatred
which keeps on and on that can't be controlled

for the world, I am just a big zero, a coward
but for me, I am a hero

In the shadows, I find my strength,
Quietly standing strong in a crowded place.
Through the dark, my spirit takes flight,
Ignoring mean comments, making things right.

I explore my thoughts, dreams unfold,

Where fears go away, and stories are told.
In this space, control slips away,
Freedom dances, making life a play.

Different opinions may try to bring me down,
Yet, I stand tall, wearing a confident crown.
Inside, a strong feeling burns,
Like a hero, with lessons the world learns.

Despite names, teasing, and laughing peers,
I'll keep going, facing all my fears.
On this road of dreams, where freedom weaves,
I am the hero, my journey never leaves.

The world may try to bring me low,
But on this path, I'll continue to grow.
I am more than what people say,
A hero's journey, every single day.

Let the world say what it might,
As I move ahead, in both dark and light.
In the echo of my determined stride,
The melody of a hero's song will guide.

Ajo George Mathews
II Year, CSE

**Do good for others.
It will come back in unexpected ways.**

The Hunger of Night

Night is a wonder,
For attention is its hunger;
"It's hard to stay up late", they say,
Maybe it's the magic of the day.
I fail to see it,
How everyone feels it;
For even when I'm under the spell,
I still find it hard to fell.
Sleep, they say, it's refreshing,
Sleep that brings demons dressed in
dreams;
Dreams filled with memories,
Memories too happy to forget;
Memories too painful to be kept.

Ishika Madan,
AI- I Year

The call of Noor

Close your eyes—where does the light retreat,
When it owes no debt to the eyes or the heat?
Pythagoras claimed it springs from within,
Or perhaps from matter where visions begin.

Yet, the moon borrows what it cannot make,
A silent witness to the sun's wake.
Stars adorn the heavens, not to be divine,
But to guide lost souls by the Divine's design.

Light does not rush—it lingers through years,
A traveler untouched by mortal fears.
Each photon, a verse in the universe's scroll,
Chasing its fate, fulfilling its role.

And are we not the same—mere drifting light?
Bound by destiny, yet yearning for sight.
We journey, unaware, through vast cosmic seas,
Seeking meaning in moments that pass like a breeze.

But the Divine's Noor—its radiant, celestial grace
Descends where it wills, in time and space.
To some, a spark that kindles the soul,
To others, a shadow, leaving them whole.

For light's true purpose is not just to glow,
But to pierce through darkness, to make truth grow.
And we—like photons—seek our divine flight,
Until chosen to merge with the Eternal Light.

By- Sayed Mohammad Huzaifa
B.Pharma, III year

हिन्दी अनुभाग



सफर

हम देखते हैं उन लोगों को, जो ट्रेन में धक्के खाते हैं,
रोज सुबह भीड़ के बीच, अपने सपने संभाल के जाते हैं।

धक्के हम भी खाते हैं, पर फर्क यहीं पर होता है,
उनके धक्कों में मजबूरी, हमारा सिर्फ एक सफर होता है।

हमें पता होता है अक्सर, कहाँ बैठना, क्या करना है,
फिर भी मन बेचैन रहता है, जैसे कुछ न कुछ खोना है।

पर उनका क्या, जिनको यह भी नहीं मालूम होता है,
आज सफर में बैठने की जगह मिलेगी या बस खड़े रहना है।

वह ट्रेन चढ़ते हैं काम के लिए, बस थोड़ा पैसा पाने को,
हर रोज अपनी थकान बेचते हैं, कल को थोड़ा बचाने को।

पर यह जरूरी नहीं होता कि मेहनत रंग ला जाए,
सही जगह, सही वक्त न हो तो हाथ बस खाली रह जाए।

मेहनत तो सब करते हैं, आँखें सबकी काली होती हैं,
पर किस्मत के दरवाजे सबके लिए एक जैसे नहीं खुलते हैं।

कभी लगता है इतनी मेहनत का मतलब ही क्या रह जाता है,
जब सफलता सिर्फ कुछ चेहरों के गले ही हार बन जाता है।

फिर याद आते हैं माँ-बाप, जिन्होंने सब कुछ सह के दिया,
खुद परेशान रहे हमेशा, पर हमें सुकून में जीने दिया।

उनकी वजह से आज हम खड़े हैं, सपने देख पाते हैं,
शायद इसलिए हम परेशान हैं, क्योंकि हम सोच पाते हैं।

यश तहिल्यानी
इलेक्ट्रॉनिक्स एवं संचार अभियांत्रिकी
प्रथम वर्ष

विरह की पीर

विरह की पीर को कौन जाने, जियरा जले अंगार,
मैं तो कछु जानूँ नहीं, गोविंद तू ही मेरो आधार।

नयनन नीर बहत दिन-रैन, सुधि नाही संसार,
साँवरिया रंग राची दासी, तू ही है मेरो सार।

जोग न जानूँ, भोग न जानूँ, न जानूँ कछु वेद-विचार,
मीरा सी अरज करूँ प्रभु, लेहु चरणन पार।

बंसी की धुन सुनि-सुनि मोरे, डोले अंतर-तार,
नाम तेरो रदूँ साँझ-सवेरा, दूटे सब व्यवहार।

मोहे न चाहत स्वर्ण-महल, न चाहत श्रृंगार,
मोरे मन मंदिर बसो गिरधारी, करि लो मोहि स्वीकार।

जग के बंधन झूठे लागें, झूठो सब संसार,
एक तेरो साँचो लागे, तू ही प्राण अधार।

तन-मन अपूर्ण, प्राण अपूर्ण, और न कछु उपकार,
दासी तेरी द्वार खड़ी है, खोलो अब द्वार।

विरह ज्वाला दीपक बनि के, जलत रहे अपार,
शिव प्रिया कहे सुनो मोहन, अब तो करहु उच्चार।

डॉ. शिव प्रिया
सहायक प्राध्यापक,
अंग्रेजी विभाग



Name - Pranay Bhamotra
Branch - AI, 1st Year



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN

(Accredited by NAAC with A++ Grade)

An Autonomous Institute, Affiliated to Rajasthan Technical University, Kota

Recognized by UGC under section 2(f) of the UGC act 1956

Approved by All India Council for Technical Education, New Delhi

Ramnagaria, Jagatpura, Jaipur-302017, Rajasthan INDIA

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

Phone: 0141-3500300, 2759609, 2752165, 2752167 | Fax: 0141-2759555



SWAMI KESHVANAND INSTITUTE OF PHARMACY, JAIPUR

Approved by Pharmacy Council of India, New Delhi
Affiliated to Rajasthan University of Health Sciences, Jaipur

☎ 0141-3500300, 2759609, 2752165, 2752167 | ☎ 0141-2759555

✉ info@skit.ac.in | 🌐 www.skit.ac.in