

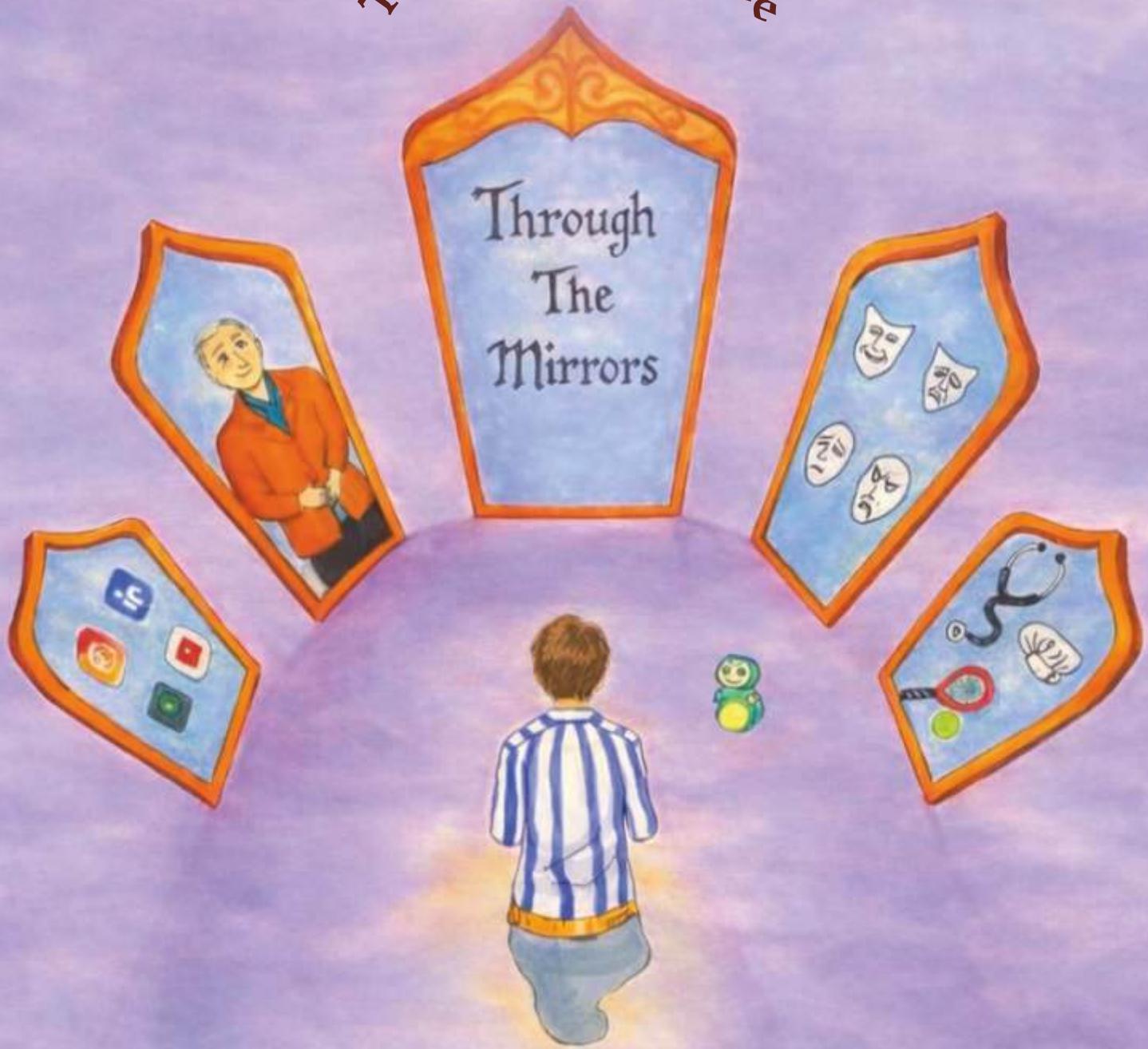


# THE SKIT TIMES

ISSUE - 61

1 JULY - 31 OCT 2025

*Theme Of The Issue*



“Every mirror asks a different question”

# 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

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AVANI SHRIMALI, AI, III YEAR

FALAASHA NOTHALIA, AI, III YEAR

AJO GEORGE MATHEWS, 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](http://www.skit.ac.in) • Email: [info@skit.ac.in](mailto:info@skit.ac.in)

## DISCLAIMER

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## COVER DESIGN BY

KASHVI UPPAL	B-TECH IT	II YR
VIVART VERMA	B-TECH IT	II YR

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# STUDENT EDITOR

## THROUGH THE MIRRORS: THE ILLEGAL ART OF VISION.

We live in a world of surfaces. We smooth out our identities, and we edit our online beings, and we create glass towers that reflect the sky and conceal the actual make-up. But how much better would it be to cease to stare at the reflection and look through it?

Through the Mirrors is not a superficial activity, but an exploration of the interior components of our lives that have us lying awake at night. It challenges you to disturb the cosiness of the picture and confront what lies beneath: our common psychology, the manner in which history unfolds, as well as the ethical crises that shape us.

### **The Architecture of the Soul**

The tour starts at the border between the visible and the invisible. Human consciousness is the initial mirror in which we regard it as a strange place where the doer and the watcher attempt to co-exist. We contend that the anxiety of the present day is the result of a compression of excess human experience onto that narrow, limited reflection.

But the mirror isn't just flat. We follow the psychological footprints left in stone, the brash truth of Soviet Brutalism that valued survival over happiness, the humbleness of the cosmos of Indian observatories such as Jantar Mantar, and the people who constructed a structure to confess their own insignificance.

### **The Distorted Glass**

Outward, the reflection begins to distort. When we deconstruct politics, it is not that politics is a reflection of society, but that it is a keeper of mirrors itself, where power distorts percentages to the point where small threats become existential and massive failures vanish. We are faced by the continuous reflection of the media's new mirror, an unending glass, which pursues you, which makes you, and solidifies your focus into identity.

Science, which is widely believed to be the objective truth, proves to be yet another reflection of our boundaries. We draw a parallel between the artistic effort of the Sheesh Mahal to embrace the infinite and the hexagonal gawking of the James Webb Telescope at the dawn of creation. Then there is the

disorienting fact of AI, one of the technologies that causes us to feel our identity anxiety, to be efficient without caring and to wonder whether, in the eyes of the machine, we are as special as we feel.

### **The Cracking of the Image**

History is not that list of events; it is a sort of civilizational mirror. We have been examining Ancient India, but not through the prism of conquest, but by the prism of intellectual stamina, a culture that assimilated change without obliteration of memory. We go to the present day, where the mirror breaks. What the Gen-Z revolts in Nepal are not merely political; it is a generation shattering a mirror that is no longer representative of the reality they experience.

### **The Final Passage**

Eventually, this tale makes you drop the comfort of the glass. The overuse of mirrors makes one live like a rehearsal. The most profound truths are not reflected in a mirror, but strike you in a vacuum- an anti-mirror in which personality is unclothed and clarity is made in an undistorted way.

Passing through the mirror is the conception that meaning does not lie on surfaces. The mirror is you. The real truth is getting out of it and abandoning the mirror.

**Rohit Thanvi  
CSE, III year**

# Cynosure of the ISSUE

## Through The Mirrors



**A mirror does not lie.**

But it never tells the whole truth either.

It shows what stands before it — not what shaped that presence, not what pressures it carries, not what histories echo behind the eyes it reflects. A mirror is honest about the surface, indifferent to depth. And yet, paradoxically, it is the most powerful metaphor humanity has ever used to speak about itself.

**Civilizations rise and fall before mirrors.**

Individuals grow, fracture, and rebuild through mirrors.

Revolutions begin when societies recognize themselves — and no longer accept what they see.

**“Through The Mirrors”** is not an aesthetic exercise. It is an intellectual and emotional excavation. It asks us to look at reflection not as appearance, but as evidence. Evidence of inner states, collective psychology, historical momentum, and moral tension.

To move through the mirror is to reject comfort.

Because comfort lives on the surface.

Truth lives underneath.

**Rohit Thanvi**  
CSE, III year

## AAGAAZ-2025, ORIENTATION PROGRAM FOR FIRST-YEAR STUDENTS

On 21st August 2025, SKIT hosted the 26th Orientation Session, Aagaaz-2025, marking the beginning of a new academic journey for the incoming B.Tech first-year students. The institute had the honor of welcoming Shri Purusottam Sharma (IAS), Managing Director of RSRTC, Jaipur, as the Chief Guest, along with distinguished alumnus Shri Kuldeep Kaushik, Senior Manager at GAIL, as the Guest of Honor. Both dignitaries addressed the students with inspiring words, emphasizing discipline, innovation, and the responsibilities associated with engineering education. Shri Sharma highlighted the importance of shaping a progressive society through technology and public service, while Shri Kaushik shared valuable insights from his professional experience, motivating students to make the most of the opportunities available at SKIT. A short film showcasing the institute's milestones, achievements, and future vision was also presented, setting an inspiring and welcoming tone for the session.



Aagaaz-2025

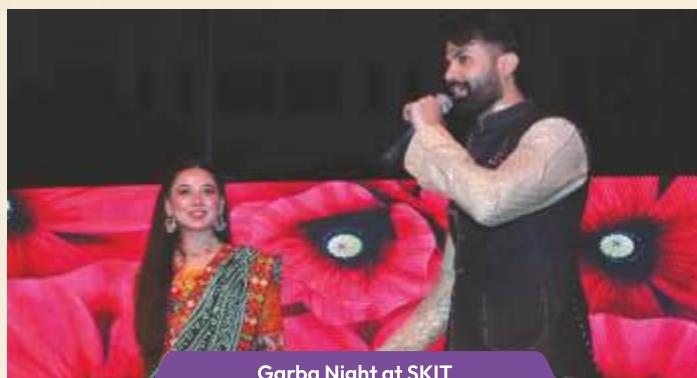
energy and excitement to the campus. Students actively participated in cultural performances, music segments, and a lively ramp walk that showcased their confidence and creativity. The event also included interactive activities designed to help students bond, make new friends, and feel at home in the SKIT community. Ajay Hooda's engaging presence, spirited performance, and friendly interaction added charm to the celebration, making the evening unforgettable for all attendees. The Freshers' event succeeded in creating a cheerful, welcoming atmosphere that marked the perfect beginning to the students' journey at SKIT, filled with inspiration, joy, and enthusiasm.



Fresher party 2025

## GARBA NIGHT AT SKIT

On 22nd September 2025, SKIT hosted its first-ever Garba Night, a colorful and festive celebration that brought students together for an unforgettable cultural experience. The event became even more special with the appearance of Jitesh Thakur and Alankrita Bora, who visited the campus to promote their upcoming movie Tara & Akash. Their presence added glamour, excitement, and enthusiasm to the evening, drawing enthusiastic cheers from the audience. Students participated wholeheartedly in the Garba performances, dancing to traditional beats amidst vibrant lighting and festive decorations that transformed the campus into a



Garba Night at SKIT

## FRESHERS 2025

On 24th August 2025, SKIT organized the vibrant Freshers' 2025 celebration to warmly welcome the newly admitted B.Tech first-year students. The evening became especially memorable with the presence of popular artist Ajay Hooda, who attended as the celebrity guest, bringing immense

joyful celebration arena. The event highlighted the institute's commitment to cultural vibrancy and student engagement. The enthusiasm, participation, and festive spirit made SKIT's inaugural Garba Night a memorable success, leaving students with cherished moments and strengthening unity within the SKIT community.

## BLOOD DONATION CAMP AT SKIT



SKIT Jaipur organized a Blood Donation Camp on 31 October 2025, bringing together students, staff, and the community in a strong display of social responsibility. With enthusiastic participation from students, the event highlighted the important role of youth in supporting urgent healthcare needs. Before the camp, awareness activities such as slogan writing, poster making, and video competitions were conducted, along with a spirited Walkathon spreading the message "Donate Blood, Save Lives." The inauguration was attended by dignitaries from SKIT, HDFC Bank, and Lions Club Jaipur. Medical support was led by Dr. Urmil Dhuria from Swasthya Kalyan Blood Centre, Dr. Lokesh Sharma from the State Cancer Institute and SMS Medical College, Dr. Pankaj Agarwal from Swastik Blood Bank, and Dr. Anshika Yadav from SDMH. Their guidance, along with the coordination of Mr. Vikas Ranveer Singh Mahala, ensured smooth execution and inspired participants to continue contributing to society.



BDC at SKIT

## SKIT CELEBRATED 79TH INDEPENDENCE DAY WITH PRIDE AND PATRIOTISM



SKIT, Jaipur, marked the 79th Independence Day with a grand celebration filled with patriotic fervor. The event began with the ceremonial flag hoisting, followed by the singing of the national anthem and inspiring speeches that rekindled the spirit of unity and nation-building. Cultural performances, patriotic songs, and energetic dance acts by students showcased India's vibrant diversity and rich heritage.



Independence Day Celebration

## PROUD MOMENT FOR SKIT



Mr. Jaipal Meel, Director of SKIT, has been awarded the Rajasthan Visionary in Higher Education Leadership by 94.3 FM. Honorable Deputy CM Dr. Prem Chand Bairwa presented the award. This recognition reflects SKIT's commitment to innovation, excellence, and educational leadership.



Shri Jaipal Meel receiving the award

## SKIT CELEBRATES NATIONAL SPACE DAY



SKIT proudly celebrated National Space Day on 23rd August, 2025, with an inspiring programme graced by eminent personalities such as Shri Pradeep Kumar Agarwal, Scientist, DRDO, Prof. B. R. Gurjar, Director, NITTTR, Chandigarh, and Dr. Meghendra Sharma, Secretary, Vigyan Bharti, Rajasthan. The distinguished guests shared their visionary



National Space Day

insights, igniting curiosity and passion for space, science, and innovation among students.

## “NATIONAL WINNER IN INDIA DESIGN WEEK 2025”

In a landmark achievement for the institution, a team from SKIT Jaipur was crowned the National Winner at the prestigious India Design Week 2025 North Region designation, held at Lovely Professional University in Punjab. Organized by ICT Academy and Autodesk, the intense 24-hour Fusion-360 Designathon saw students Madhvendra Singh Asawat and Arthad Singh, under the mentorship of Mr. Arun Beniwal from the Department of Mechanical Engineering, secure the championship title. The institution's collaborative effort was further strengthened by the support of Dr. Nikita Sharma, the SPOC for ICT Academy at SKIT, Dr. Mukesh Arora from the Electronics and Communication Department, and Mr. Yogesh Kumar Sharma, Faculty Coordinator for ICT in the Mechanical Engineering department.

Their ground-breaking project, developed using Autodesk Fusion 360, demonstrated exceptional proficiency in advanced methodologies, including cloud collaboration, generative design, and high-fidelity rendering, impressing the jury with its technical excellence and innovative problem-solving approach. This historic victory, which included a trophy and a cash prize of ₹50,000, not only highlights the students' exceptional design capabilities but also sets a new benchmark for engineering design education at SKIT. The triumph is a direct result of the institution's commitment to fostering cutting-edge technical education and providing



India Design Week 2025 Winner

quality national-level exposure. The team gained invaluable hands-on experience and direct recognition from Autodesk India officials and ICT Academy experts, solidifying SKIT's growing reputation for competitive readiness and innovation on a national stage.

## TEACHERS DAY CELEBRATION

### AT SKIT

On September 5, 2025, SKIT celebrated Teacher's Day with great pride and enthusiasm, felicitating the faculty. The event commenced with a traditional welcome ceremony followed by speeches by the dignitaries. The event concluded with a sense of unity and appreciation, reaffirming the vital role of educators in shaping the future.



Faculty Felicitation on Teacher's Day

## SKIT SHINES IN RTU BADMINTON TOURNAMENT

SKIT achieved a commendable Runner-Up position in the RTU Inter-College Badminton Tournament (Women), held from 27th to 29th October 2025. The tournament witnessed participation from several affiliated colleges of Rajasthan Technical University, making the competition intense and highly competitive. Representing SKIT, Aahna Kashiva, Kanika Gupta, and Sakshi Singh displayed exceptional skill, teamwork, and sportsmanship throughout the matches. The team advanced confidently through successive rounds, overcoming strong opponents and showcasing consistent performance on the court. Their dedication, discipline, and competitive spirit were evident in every match they played. Securing the Runner-Up position reflects the institute's growing emphasis on sports and holistic student development, alongside academic excellence. The achievement brought pride to the institution and served as motivation for other students to actively participate in sports and co-curricular activities.



## ECA CELL ACTIVITIES

### STORYTELLING COMPETITION BY SKIT TOASTMASTERS CLUB

On 14th October 2025, the SKIT Toastmasters Club organized a lively Storytelling Competition, marking a creative platform for students to express ideas and enhance their public-speaking skills. The event was judged by Dr. Aditi Tiwari, Ms. Shivpriya, and Ms. Divyanshi Jain, whose presence added significance and encouragement for all participants. The judges addressed the audience with motivating insights on effective communication, highlighting clarity, confidence, and emotional connection as key elements of storytelling. Participants presented a diverse range of narratives, showcasing imagination, expression, and stage presence. Dev Tak secured the first place, Kaynat Ansari secured the second place, and Dayanand Pareek secured the third place in the competition. A brief segment on the Toastmasters learning approach was also shared, helping students understand the importance of structured speaking and self-improvement. The session concluded on an inspiring note, reinforcing the club's commitment to nurturing confident speakers and creative thinkers at SKIT.



Storytelling contest by TMC

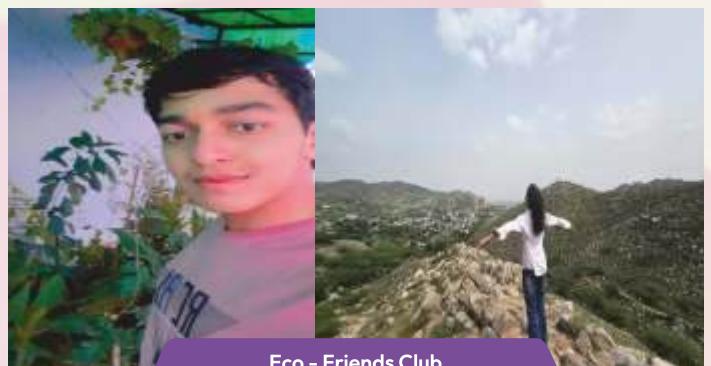
as winners in the competition: Team RCS secured 1st place and received a prize of Rs 10,000, while Team ZYRO achieved 2nd place and won Rs 5,000. The talented members of these teams included Saurabh Sharma, Vivek Prajapat, Bhupesh Jangid, Anshuman Pareek, and Daksh Agarwal. Their excellent teamwork and dedication truly paid off!



First position at INNOV8

### ECO-FRIENDS CLUB ECO-SNAP ONLINE PHOTOGRAPHY CONTEST

The ECO-SNAP online photography contest was organized by the ECO Friends Club to inspire students to observe,



Eco - Friends Club



Felicitations of students for the ECO-SNAP online photography contest

### PROUD MOMENT FOR ROBOTICS CLUB

The Robotics Club at SKIT made us proud at the INNOV8 Fest held at JECRC University in Jaipur. Two of our teams finished

# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

capture, and celebrate the beauty of nature in their surroundings. Centered around the theme "Capture Your Moment with Nature", the event encouraged students to explore environmental awareness through creative expression. The event was appreciated by participants for its smooth submission process and the freedom to capture nature in their own creative style. Winners were felicitated.

## INCUBATION CELL/IIC

### FIRST PRIZE AT IDEATHON 2025

SKIT Incubation students won the first prize at Ideathon Laghu Udyog Bharti by Shri Ashvini Vaishnav, Hon'ble Railway Minister, Shri Prem Chand Bairwa, and Smt. Manju Sharma, Shri Gopal Sharma in the prize distribution ceremony held on 11 September 2025. The IIC team received the prize money of Rs 75000. The Railway Minister, Shri Ashvini Vaishnav, appreciated and connected the project with GM NWR.



First Prize at Ideathon

### BOOK CHAPTERS PUBLISHED



BOOK	:	Intelligent Systems Using Semiconductors for Robotics and IoT
AUTHOR/S	:	Megha Gupta
BOOK CHAPTER	:	Analysing Twitter Sentiment to Understand Public Opinion
PUBLISHER	:	Taylor & Francis Group

### BOOK PUBLISHED



TITLE	:	Detecting Hate Speech in Human and AI-Generated Content: Techniques, Bias Mitigation, and Ethical Considerations
AUTHOR/S	:	Mehul Mahrishi, Archika Jain
PUBLISHER	:	IGI Global Publications, 2025

### PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS



TITLE	:	LOC-MAC-HASH: A Novel Approach to Generate Environmental Tokens for IT System Security
AUTHOR/S	:	Pankaj Dadheeck
PROCEEDING	:	AI Technologies for Information Systems and Management Science. ISMS 2025. Lecture Notes in Networks and Systems
TITLE	:	Evaluating Vegetation Indices for Crop Monitoring Using Multispectral Satellite Imagery
AUTHOR/S	:	Priyanka Sharma and Pankaj Dadheeck
PROCEEDING	:	Advanced Computing Techniques in Engineering and Technology. ACTET 2025. Communications in Computer and Information Science, vol 2543. Springer, Cham



TITLE	: Early Diabetes Detection Using Random Forest Classifier Based on Machine Learning	ATTENDED BY : Anjana Sangwan ORGANIZED BY : ICT Academy
AUTHOR/S	: Mani Butwall and Priyanka Sharma	TITLE : Salesforce Administrator
PROCEEDING	: Advanced Computing Techniques in Engineering and Technology, 2025	DATE : July 07-11, 2025 ATTENDED BY : Shirish Nagar ORGANIZED BY : ICT Academy
TITLE	: Evaluating Vegetation Indices for Crop Monitoring Using Multispectral Satellite Imagery	TITLE : Salesforce Administrator
AUTHOR/S	: Priyanka Sharma and Pankaj Dadheechn	DATE : July 07-11, 2025 ATTENDED BY : Loveleen Kumar ORGANIZED BY : ICT Academy
PROCEEDING	: Advanced Computing Techniques in Engineering and Technology. ACTET 2025. Communications in Computer and Information Science, vol 2543. Springer, Cham	TITLE : Salesforce Administrator
TITLE	: Smart IoT Healthcare Systems: Transforming Patient Monitoring and Health Management	DATE : July 07-11, 2025 ATTENDED BY : Archika Jain ORGANIZED BY : ICT Academy
AUTHOR/S	: Pankaj Dadheechn	TITLE : Generative AI with LLM
PROCEEDING	: Proceedings of the 6th International Conference on Information Management & Machine Intelligence (ICIMMI '24). Association for Computing Machinery, New York, NY, USA	DATE : July 07-11, 2025 ATTENDED BY : Pawan Kumar Patidar ORGANIZED BY : STEP, NIT-Karnataka in Association with Pantech E Learning
TITLE	: Optimizing Game Strategies with Deep Reinforcement Learning: A Framework for Intelligent Decision-Making	TITLE : AI, ML & Deep Learning for Autonomous Vehicles
AUTHOR/S	: Pankaj Dadheechn	DATE : July 28- August 01, 2025 ATTENDED BY : Pawan Kumar Patidar ORGANIZED BY : STEP-NIT, Karnataka in Association with Pantech Learning
PROCEEDING	: Proceedings of the 6th International Conference on Information Management & Machine Intelligence (ICIMMI '24)	TITLE : Deep Learning, Gen AI, and their applications in Agriculture
TITLE	: ROSNet: Implementing Blockchain Technology to Connect Unmanned Aerial Vehicles and Ground Nodes in Post Disaster Management Frameworks	DATE : August 11-18, 2025 ATTENDED BY : Pawan Kumar Patidar ORGANIZED BY : Tejpur University in Association with Pantech e Learning
AUTHOR/S	: Pankaj Dadheechn	TITLE : Recent trends on AI -Text, Vision and Hardware Implementation Models
PROCEEDING	: Proceedings of the 6th International Conference on Information Management & Machine Intelligence (ICIMMI '24)	DATE : August 28- September 02, 2025 ATTENDED BY : Pawan Kumar Patidar ORGANIZED BY : Panimalar Engineer College in association with STEP-NIT K, Suratkhal & Pantech Solutions Pvt Ltd.
TITLE	: Salesforce Administrator	TITLE : Advanced Engineering Materials towards Sustainable Development
DATE	: July 07-11, 2025	DATE : August 25-30, 2025 ATTENDED BY : Suniti Chauhan ORGANIZED BY : Anand International College of Engineering

## FDPs ATTENDED



TITLE	: Advanced Engineering Materials towards Sustainable Development
DATE	: August 25-30, 2025 ATTENDED BY : Suniti Chauhan ORGANIZED BY : Anand International College of Engineering

TITLE	: Advanced Engineering Materials towards Sustainable Development
DATE	: August 25-30, 2025
ATTENDED BY	: Archika Jain
ORGANIZED BY	: Anand International College of Engineering
TITLE	: IPR
DATE	: September 15-19, 2025
ATTENDED BY	: Pankaj Dadheech
ORGANIZED BY	: Intellectual property facilitating Centre (IPFC) – Gandhi Institute of Engineering and Technology University, Odisha, Gunupur, (IPFC-GIET University Cell)
TITLE	: Artificial Intelligence and Machine Learning
DATE	: September 15-19, 2025
ATTENDED BY	: Pawan Kumar Patidar
ORGANIZED BY	: Rajiv Gandhi University in association with Pantech e Learning
TITLE	: DOMO BI
DATE	: September 16-20, 2025
ATTENDED BY	: Archika Jain & Sneha Sharma
ORGANIZED BY	: Keystone School of Engineering
TITLE	: RECENT TRENDS OF MATHEMATICAL AND COMPUTATIONAL BIOLOGY
DATE	: September 22-27, 2025
ATTENDED BY	: Allisa Goyal
ORGANIZED BY	: POORNIMA COLLEGE OF ENGINEERING
TITLE	: Cutting Edge Innovation in IOT Horizons and Integration in Computer Science Engineering
DATE	: September 23-27, 2025
ATTENDED BY	: Anjana Sangwan, Sunil Dhankar & Mahender Kumar Beniwal
ORGANIZED BY	: Anand International College of Engineering, Jaipu
TITLE	: Mastering Generative AI: From Basics to Advanced Applications
DATE	: Oct. 09-13, 2025
ATTENDED BY	: Nikita Gautam
ORGANIZED BY	: MEITY
TITLE	: Recent trends and future perspective of AI in image processing
DATE	: Oct. 13-17, 2025

ATTENDED BY	: Priya Gupta
ORGANIZED BY	: S. A. Engineering College
TITLE	: Artificial Intelligence and Optimisation Techniques using MATLAB
DATE	: Oct. 07-11, 2025
ATTENDED BY	: Dinesh Kumar
ORGANIZED BY	: Electrical Engineering Dept., SKIT, Jaipur

## NPTEL / mooKIT/ IITBX / SWAYAM COURSE COMPLETED

COURSE/ TOPIC	: Introduction to Programming in C
COMPLETED BY	: Sneha Sharma
DURATION & CATEGORY	: Jul-Sep 2025
COURSE/ TOPIC	: Data Structure and Algorithms Using Java
COMPLETED BY	: Mani Butwall
DURATION & CATEGORY	: Jul-Oct 2025 (12 weeks)

## PATENTS PUBLISHED

TITLE	: FATSG: Fully Automated Training Samples Generation Framework for Supervised Land Use LandCover Classification from Multispectral Satellite Imagery
NAME	: Pankaj Dadheech
PATENT PUBLISHED DATE	: 19/09/2025



# DEPARTMENT OF INFORMATION TECHNOLOGY

## FDPs ATTENDED



TITLE	:	Salesforce Administrator	TITLE	:	AI Mastery for Educators
DATE	:	07-07-2025 to 11-07-2025	DATE	:	15-5-2025 to 7-6-2025
ATTENDED BY	:	Ms. Nikhar Bhatnagar, Ms. Manju Choudhary, Dr. Richa Rawal, Mr. Naveen Jain, Mr. Manoj Raman, Ms. Anjali Pandey, Ms. Ritu Shukla	ATTENDED BY	:	Dr. Priyanka Yadav
ORGANIZED BY	:	SKITM &G, Jaipur	ORGANIZED BY	:	IIT Patna
TITLE	:	Machine Learning & Deep Learning for educators: Building a foundation for future skills	TITLE	:	Data Analytics Using Power BI
DATE	:	23-06-2025 to 27-06-2025	DATE	:	28-07-2025 to 01-08-2025
ATTENDED BY	:	Dr. Vipin Jain, Mr. Praveen Yadav, Ms. Nikhar Bhatnagar, Mr. Manoj Raman, Ms. Ritu Shukla.	ATTENDED BY	:	Dr. Priyanka Yadav
ORGANIZED BY	:	Poornima College of Engineering, Jaipur	ORGANIZED BY	:	e Atria Institute of Technology (AIT), Autonomous, Bangalore, Karnataka. and Anna Saheb Dange College of Engineering and Technology, Ashta, Maharashtra
TITLE	:	Recent trends and future perspective of AI image processing-Tools, Techniques and Applications: Research Perspective	TITLE	:	Deep Learning, Gen AI, and their application in agriculture
DATE	:	13-10-2025 to 17-10-2025	DATE	:	11-08-2025 to 18-08-2025
ATTENDED BY	:	Ms. Manju Choudhary	ATTENDED BY	:	Dr. Priyanka Yadav
ORGANIZED BY	:	S.A. Engg College	ORGANIZED BY	:	Tezpur University
TITLE	:	Recent trends on AI-Text, Vision and Hardware Implementation Model	TITLE	:	Augmented Reality / Virtual Reality (AR/VR)
DATE	:	28-8-2025 to 2-9-2025	DATE	:	25-08-2025 to 31-08-2025
ATTENDED BY	:	Ms. Manju Choudhary	ATTENDED BY	:	Dr. Priyanka Yadav
ORGANIZED BY	:	S.A. Engg College	ORGANIZED BY	:	Dr. Vithalrao Vikhe Patil College of Engineering, Ahilyanagar, Maharashtra. C V Raman Global University, Odisha. C V Raman Polytechnic Bhubaneswar.
TITLE	:	GEN AI - RAG (Retrieval-Augmented Generation)	TITLE	:	Recent trends and future perspective of AI image processing-Tools, Technique and Applications: Research Perspective
DATE	:	8-9-2025 to 12-9-2025	DATE	:	13-10-2025 to 17-10-2025
ATTENDED BY	:	Dr. Richa Rawal, Dr. Priyanka Yadav, Ms. Sanju Choudhary	ATTENDED BY	:	Dr. Priyanka Yadav
ORGANIZED BY	:	Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana. & MVSR Engineering College (Autonomous), Nadergul, Hyderabad	ORGANIZED BY	:	Department of E & C, S. A Engineering College
TITLE	:	Enhancing Academic Research Excellence	TITLE	:	Data Driven Business Analytics using DOMO BI
			DATE	:	16-09-2025 to 20-09-2025
			ATTENDED BY	:	Garima Garg
			ORGANIZED BY	:	Keystone School of Engineering, Pune
			TITLE	:	Artificial intelligence and machine learning
			DATE	:	16-09-2025 to 19-09-2025

ATTENDED BY :	Mr. Manoj Raman
ORGANIZED BY :	Rajiv Gandhi University Pune
TITLE :	Recent trends on AI - Text, vision and hardware implementation model
DATE :	28-08-2025 to 02-09-2025
ATTENDED BY :	Mr. Manoj Raman
ORGANIZED BY :	Panimalar Engineering College
TITLE :	Innovative Approaches to Cyber Security and Digital Arrest: Exploring Legal, Technical, and Ethical Dimension
DATE :	25-08-2025 to 30-08-2025
ATTENDED BY :	Mr. Manoj Raman
ORGANIZED BY :	Sri Satya Sai College Of Engineering, AICTE Training and Learning (ATAL) Academy
TITLE :	IEEE team Region 10 Adhoc committee
DATE :	14-07-2025 to 18-07-2025
ATTENDED BY :	Mr. Manoj Raman
ORGANIZED BY :	IEEE Delhi Section
TITLE :	Smart and Sustainable Waste Management Using IoT and Data Analytics
DATE :	15-09-2025 to 20-09-2025
ATTENDED BY :	Shikha Shrivastava
ORGANIZED BY :	Madanapalle Institute Of Technology & Science, AICTE Training and Learning (ATAL) Academy
TITLE :	Hybrid mode mental health and well being for educator
DATE :	29-07-2025 to 02-08-2025
ATTENDED BY :	Mr. Naveen Jain
ORGANIZED BY :	Balaji College of engineering jaipur
TITLE :	AI ML DEEP learning for autonomous Vehicle
DATE :	28-07-2025 to 01-08-2025
ATTENDED BY :	Mr. Naveen Jain
ORGANIZED BY :	NIT KARNATAKA
TITLE :	Future Ready Skill In Data Science And Ai Academia With Industry Practice
DATE :	21-07-2025 To 25-07-2025
ATTENDED BY :	Mr. Naveen Jain
ORGANIZED BY :	Department of Computer Science Engineering – (Data Science), Madanapalle Institute of Technology & Science

TITLE	:	Ai MI Deep learning for autonomous Vehicle
DATE	:	27-06-2025 to 04-07-2025
ATTENDED BY	:	Mr. Naveen Jain
ORGANIZED BY	:	Manav Rachna International UHV-II FDP Institute of Research and Studies, Faridabad
TITLE	:	Advanced Engineering Materials towards Sustainable Development
DATE	:	25-08-2025 to 30-08-2025
ATTENDED BY	:	Ms. Neetu Agrawal
ORGANIZED BY	:	Anand International College Of Engineering, AICTE Training And Learning (ATAL) Academy
TITLE	:	Effective Research Proposal Writing: Turning Research Ideas into Funded Projects
DATE	:	30-06-2025 to 04-07-2025
ATTENDED BY	:	Ms. Neetu Agrawal
ORGANIZED BY	:	ProMind Research Academy, Erode

## BOOK CHAPTER PUBLISHED



TITLE	:	Generative AI-Powered Data Architectures: From Governance to Autonomous Analytics
AUTHOR/S	:	Monika Dandotiya, Nikhil Goyal, Priyanka Yadav, Kriti Sankhla, Monika Kumari
JOURNAL	:	IGI global

## NPTEL/COURSERA COURSES COMPLETED



COURSE/TOPIC	:	OBE and Accreditation
COMPLETED BY	:	Dr. Priyanka Yadav
DURATION & CATEGORY	:	AUG-NOV (2025) Secured 90% (12-week course) Elite+Gold
COURSE/TOPIC	:	OBE and Accreditation
COMPLETED BY	:	Ms. Nikhar Bhatnagar
DURATION & CATEGORY	:	AUG-NOV (2025) Secured 81% (12 week course) Elite+Silver

COURSE/TOPIC	: Introduction to large language model (LLM)
COMPLETED BY	: Mr. Praveen Yadav
DURATION & CATEGORY	: AUG-NOV (2025) Secured 75% (12 week course) Elite+Silver
COURSE/TOPIC	: OBE and Accreditation
COMPLETED BY	: Dr. Saroj Agarwal
DURATION & CATEGORY	: AUG-NOV (2025) Secured 83% (12 week course) Elite+Silver
COURSE/TOPIC	: Introduction to operating System
COMPLETED BY	: Ms. Neetu Agarwal
DURATION & CATEGORY	: AUG-NOV (2025) Secured 81% (12 week course) Elite+Silver
COURSE/TOPIC	: OBE and Accreditation
COMPLETED BY	: Ms. Sanju Choudhary
DURATION & CATEGORY	: AUG-NOV (2025) Secured 75% (12 week course) Elite+Silver
COURSE/TOPIC	: Introduction To Internet Of Things
COMPLETED BY	: Dr. Priyanka Yadav
DURATION & CATEGORY	: AUG-NOV (2025) Secured 82% (12 week course) Elite+Silver
COURSE/TOPIC	: Introduction To Internet Of Things
COMPLETED BY	: Dr. Saroj Agarwal
DURATION & CATEGORY	: AUG-NOV (2025) Secured 77% (12 week course) Elite+Silver
COURSE/TOPIC	: Programming with Generative AI
COMPLETED BY	: Mr. Praveen Yadav
DURATION & CATEGORY	: AUG-NOV (2025) Secured 50% (8-week course) Successfully completed

## STUDENTS WORKSHOP CONDUCTED



TITLE	: "Exploring DEVOPS"
DATE	: 6-10-2025 to 11-10-2025
ORGANIZED BY	: Dept. of IT in association with Grras Pvt. Ltd. & IEEE Computer Society, Delhi Section.
COORDINATOR'S NAME	: Ms. Ritu Shukla & Mr. Jagendra Singh Chaudhary
TITLE	: "Graphical user interface design using React"
DATE	: 22-9-2025 to 27-09-2025
ORGANIZED BY	: SKITM &G
COORDINATOR'S NAME	: Ms. Sanju Choudhary, Ms. Richa Rawal, Ms. Nikhar Bhatnagar, Ms. Manju Chaudhary

## EXPERT LECTURE/ TALKS CONDUCTED



TITLE	: "AGILE Framework & Scrum"
DATE	: 20-9-2025
ORGANIZED BY	: SKITM &G
COORDINATOR'S NAME	: Ms. Nikhar Bhatnagar & Ms. Manju Chaudhary
TITLE	: "JAVA integrated with AI"
DATE	: 22-9-2025
ORGANIZED BY	: SKITM &G
COORDINATOR'S NAME	: Dr. Anil Chaudhary

## ALUMNI INTERACTION CONDUCTED



TITLE	: "Innovators Confluence"
DATE	: 11-10-2025
ORGANIZED BY	: SKITM &G
RESOURCE PERSON	: Mr. Vaibhav Jain, Mr. Ankit Dhir, Mr. Sandeep Singhal, Mr. Shashank Jain
COORDINATOR'S NAME	: Dr. Richa Rawal, Ms. Sanju Choudhary
TITLE	: "Success Strategies"
DATE	: 20-9-2025
ORGANIZED BY	: SKITM &G

**Clarity that complements you.**

RESOURCE PERSON	: Mr. Garvit Mathodia(API Architecture)
COORDINATOR'S NAME	: Mr. Manoj Raman
TITLE	: "From campus to career"
DATE	: 18-9-2025
ORGANIZED BY	: SKITM & G
RESOURCE PERSON	: Ms. Kasish Arora (Specialist Programmer, Infosys)
COORDINATOR'S NAME	: Ms. Sanju Choudhary

Solutions Pvt. Ltd. The workshop aimed to provide participants with a practical understanding of DevOps tools, automation practices, and deployment methodologies used in modern software development. Students learned about CI/CD pipelines, Jenkins, Git, Docker containerization, Kubernetes orchestration, cloud platforms, and monitoring workflows through live demonstrations and hands-on sessions. The session was coordinated by Mrs. Ritu Shukla and Mr. Jagendra Singh Chaudhary, Assistant Professors, IT).

## AWARDS AND RECOGNITIONS RECEIVED



NAME OF AWARD	: Guru Gaurav Samman
NAME OF THE AWARDING	: Gunvrat Foundation
AGENCIE	
NAME OF FACULTY	: Mr. Naveen Jain
DATE	: 5-9-2025



Glimpses of the event

## STUDENTS HACKATHON



TITLE	: "Hack the Future with AWS – A GenAI Hackathon"
DATE	: 06-10-2025
ORGANIZED BY	: AWS Academy
COORDINATOR'S NAME	: Mr. Jagendra S. Chaudhary, Mr. Praveen K. Saraswat, Ms. Ritu Shukla
ACHIEVEMENT	: SKIT secured 2nd position across India with a cash prize of ₹30,000.
WINNING TEAM	: Team-Strynox (Kratiika Sharma, Shristi Patel, Bhavesh Shah, Sachin Sahu, Jai Khandelwal)

## STUDENT WORKSHOP ON GRAPHICAL USER INTERFACE DESIGN USING REACT



The Department of Information Technology organized a six-day pre-conference student workshop on "Graphical User Interface Design using React" from September 22, 2025, to September 27, 2025, under ICETCE-2025. The workshop was conducted in technical association with the IEEE Computer Society Chapter, IEEE Delhi Section, and Habilelabs Pvt. Ltd., India. Expert trainers, Mr. Ritrik (Associate Technical Lead, Habilelabs) and Mr. Jatin (Software Engineer, Habilelabs), conducted interactive, hands-on sessions. The workshop covered modern web development fundamentals, React component-based architecture, Hooks, state management, routing, event handling, and styling using TailwindCSS and



Glimpses of the workshop

## EXPERT LECTURE ON "EXPLORING DEVOPS"



The Department of Information Technology, organized a six-day hands-on workshop on "Exploring DevOps" for II & III year students from 6th Oct to 11th Oct 2025, in association with the IEEE Computer Society (Delhi Chapter) and GRRAS Solutions Pvt. Ltd. The experts for this interactive workshop were Mr. Sunil Kumar, Mr. Piyush, and Mr. Kunal Parihar from GRRAS

Material UI, and API integration. Students also developed real time mini-projects, enhancing their practical skills and industry readiness. The event was coordinated by Ms. Sanju Choudhary, Ms. Richa Rawal, Ms. Manju Choudhary, and Ms. Nikhar Bhatnagar from the Department of IT.

## EXPERT LECTURE ON “AGILE FRAMEWORK AND SCRUM



The Information Technology Department organized an interactive expert session on the topic “Agile Framework and Scrum” for the 2nd year IT department students on 20.09.2025. Special guest for this interactive session was Expert Mr. Nikhil Srivastava, Associate Director, Rightpoint India PVT LTD. He gave the practical guidance on using tools and techniques for effective Agile implementation, emphasizing their role in enhancing team collaboration and project tracking. The session was coordinated by Ms. Nikhar Bhatnagar, Assistant Professor (IT), and Ms. Manju Chaudhary, Associate Professor (IT).



Glimpses of the session



## DEPARTMENT OF MECHANICAL ENGINEERING

## INDUSTRIAL VISIT TO TECHNO ENGINEERING INDUSTRIES



The industrial visit to Techno Engineering Industries, Road No. 6, VKIA, Jaipur, was conducted on 28th July 2025 by the Department of Mechanical Engineering, SKIT Jaipur, under the coordination of Mr. Vinay Singh Marwal (Associate Professor) and Mr. Vishnu Jangid (Assistant Professor). A total of 35 students participated in this educational visit. The primary aim was to bridge the gap between theoretical learning and real-world manufacturing practices by providing students with exposure to casting, forging, and bearing manufacturing processes. During the visit, students explored three major units managed by Techno Engineering Industries. The Casting Plant demonstrated green sand-casting techniques for producing grey cast iron components used in automobiles. The Forging Unit showcased press forging operations, including shearing, upsetting, punching, cupping, and blanking in both open and closed die setups for bearing components. The Bearing Manufacturing Unit provided insights into machining, heat treatment, and inspection processes for producing inner and outer bearing cases for clients such as NRB, SKH, and NBC. Through this visit, students gained a valuable understanding of material selection, metallurgical transformations, and various quality control tests like hardness testing, dimensional inspection, radiography, and ultrasonic testing. They also learned about industrial safety practices, environmental management, and challenges such as casting and forging defects. Overall, the visit successfully enhanced students' practical knowledge of manufacturing processes and quality assurance in the metal industry.



Industrial Visit



## YOUTH CONCLAVE: VOICE OF THE NATION



On the occasion of International Youth Day (12 August), the Department of Mechanical Engineering, in collaboration with the Office of Student Affairs, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, organized an engaging and thought-provoking program titled "Youth Conclave – Voice of the Nation". The event was designed to strengthen youth leadership and civic engagement by providing students with an interactive platform to share their views, ideas, and aspirations for the nation. The session opened with a warm and cordial welcome address by Dr. Chandan Kumar, Coordinator of the event. He extended greetings to all the enthusiastic participants and expressed appreciation for their willingness to contribute meaningfully to discussions on nation-building. Dr. Kumar also extended a special welcome to Prof. Archana Saxena, Department of Chemistry, SKIT, Jaipur, acknowledging her gracious presence and invaluable support for youth-focused initiatives. In her keynote address, Prof. Archana Saxena emphasized the transformative role of youth in shaping a progressive, inclusive, and sustainable future for the country.



The Youth Conclave – Voice of the Nation reaffirmed the belief that empowering youth voices and creating direct platforms for dialogue with thought leaders is a crucial step toward building an informed, engaged, and responsible citizenry.

## EXPERT TALK ON “MAKING ENGINEERING GRADUATES INDUSTRY READY AND CONSULTANCY OPPORTUNITIES IN INDUSTRY”



The Department of Mechanical Engineering organized an Expert Lecture on “Making Engineering Graduates Industry Ready and Consultancy Opportunity in Industry” on 2nd September 2025. The session was graced by the presence of Prof. Dheeraj Joshi, Head of the Department of Mechanical Engineering, Prof. Ashish Nayyar, Dr. Achin Srivastav, Dr. Manoj Sain, Dr. Ankit Agarwal, faculty members, and students of the department. The resource person for the session was Mr. Amit Agarwal, General Manager, Dhabriya Polywood Ltd., Glazing Division, Jaipur. The program began with a warm welcome to all dignitaries, colleagues, and students. A brief introduction of Mr. Amit Agarwal highlighted his professional achievements in driving B2B and B2C growth, value-added product sales, market development, receivable optimization, and execution of multimillion-dollar projects. He is highly regarded for delivering sustainable top-line growth and enhanced bottom-line profitability.

In his address, Mr. Agarwal emphasized the importance of career focus and encouraged students to set clear goals and objectives for their professional journey. He advised them to continuously update themselves with emerging technologies, digital tools, and AI applications to stay competitive in the ever-changing industrial landscape. He motivated students



to embrace challenges, maintain discipline, and pursue innovation while upholding professional ethics. The session concluded with a vote of thanks, given by Dr. Deepak Kumar, expressing deep appreciation to Mr. Amit Agarwal for his insightful talk and valuable guidance. Faculty members, staff, and students were also thanked for their active participation and support in making the session a grand success. A total of 76 students benefited from the session, including 51 students from the V semester and 25 students from the VII semester.



Glimpses of the Expert Talk

operational challenges through public-private partnerships, and evaluating sustainability metrics such as landfill diversion rates exceeding 70%. Students also gained awareness of the socio-economic and environmental impacts of modern waste management systems, including job creation and emission reduction. Overall, the visit offered valuable insights into urban sanitation technology, environmental sustainability, and policy integration, effectively linking classroom knowledge with real-world industrial practices.



Industrial Visit

## INDUSTRIAL VISIT TO DESIGN2 OCCUPANCY SERVICES LLP (D2O)



The industrial visit to Design2Occupancy Services LLP (D2O), located in the Sitapura Industrial Area, Jaipur, was conducted on 17th September 2025 by the Department of Mechanical Engineering, SKIT Jaipur, under the guidance of Dr. Ashish Nayyar (Professor) and Mr. Amit Bansal (Associate Professor). A total of 19 students participated in the visit. D2O, founded in 2013 by Ashu Gupta and Kushagra Juneja, is a leading green building consultancy that provides sustainable design, MEP engineering, energy audits, BIM modelling, and ESG compliance services. The visit aimed to give students a practical understanding of net-zero design strategies, green building standards (LEED, IGBC, GRIHA, ECBC), and sustainability-focused innovations within India's rapidly expanding green construction sector.

During the half-day visit, students toured D2O's Sustainable Design Center (SDC), an advanced 5,000 sq. ft. eco-lab featuring BIM simulations, solar PV prototypes, and rainwater harvesting systems capable of recycling 80% of Jaipur's annual rainfall for non-potable applications. The team interacted with D2O leadership, including Managing Partner Ashu Gupta, and sustainability experts Anuj Energy and Aashish Kudal, who elaborated on D2O's ongoing and upcoming projects. Key case studies included the JNU Hospital and Medical College (a 1,500-bed LEED Platinum-pursuing facility with 40% energy and 35% water savings), the

## INDUSTRIAL VISIT TO WEVOIS LABS PVT. LTD



The industrial visit to WeVOIS Labs Pvt. Ltd., located near the Solid Waste Plant in Muhana, Jaipur, was conducted on 17th September 2025 by the Department of Mechanical Engineering, SKIT Jaipur, under the guidance of Dr. Ashish Nayyar (Professor) and Mr. Amit Bansal (Associate Professor). A total of 19 students participated in this educational visit. Founded in 2018 by Abhishek Gupta (CEO) and Abhinav Shekhar Vashistha (CTO), WeVOIS Labs is a Jaipur-based company specializing in technology-driven solid waste management solutions. The company operates in over 25 cities across India, serving more than 4.2 million citizens through 600 vehicles and 1,900 sanitation workers, while processing over 600,000 tonnes of waste annually. During the visit, students learned that WeVOIS does not maintain a single solid waste plant but rather a network of decentralized Material Recovery Facilities (MRFs) integrated with the Jaipur Municipal Corporation's main Municipal Solid Waste (MSW) plant in Muhana, which handles around 1,500 tonnes per day. The company focuses on IoT-enabled waste collection, real-time tracking, source segregation, and circular economy initiatives to reduce landfill waste. Key learning outcomes included understanding the role of IoT and AI in optimizing waste collection routes, addressing

Jaipur Marriott Hotel retrofit (achieving a 25% energy reduction using AI-driven airflow optimization), and the Jagatpura Net-Zero Office (targeting GRIHA 5-Star certification through AAC block thermal design).

Students gained deep insights into net-zero frameworks, AI-assisted occupancy analysis, solar integration, and passive cooling strategies for arid climates like Rajasthan's. The visit also highlighted market dynamics, such as India's USD 5 billion green retrofit industry, Rajasthan's 15% national share in LEED/IGBC projects, and the potential of policy incentives under the Rajasthan Green Building Policy 2025. Furthermore, the interaction encouraged professional networking and academic collaboration, with invitations extended to students for D2O's October 8, 2025 Net Zero Conclave.



Industrial visit

Modeling), sustainable infrastructure planning, and the importance of software skills like AutoCAD, Revit, STAAD Pro, and digital engineering tools. He encouraged students to focus on skill-based learning, industry certifications, and developing problem-solving abilities to stay competitive in the evolving engineering landscape.

Mr. Mudit Bhardwaj, representing Bosch India Ltd., shared insights into the manufacturing and automotive industry, including Industry 4.0, automation, electric mobility, and the role of mechanical engineers in R&D and product development. He emphasized the importance of internships, hands-on projects, coding fundamentals, and multidisciplinary knowledge in emerging technologies such as EVs, AI-integrated manufacturing, and IoT applications.



Alumni Interaction

## “ALUMNI INTERACTION TO BRIDGE THE GAP BETWEEN CLASSROOM LEARNING AND INDUSTRY EXPECTATIONS”

The Department of Mechanical Engineering, (SKIT), Jaipur, organized an enriching Alumni Interaction Session with two distinguished alumni of the department. The session was conducted to guide current students regarding career prospects, industry expectations, and professional growth pathways in the field of Mechanical Engineering.

The invited alumni speakers were:

1. Mr. Utkarsh Gaur – AEC Technologist, Mott MacDonald, Gurugram
2. Mr. Mudit Bhardwaj – Engineer, Bosch India Ltd., Bengaluru

Mr. Utkarsh Gaur discussed opportunities in the AEC (Architecture, Engineering & Construction) sector, highlighting modern trends such as BIM (Building Information

## TWO-DAY WORKSHOP ON AUTODESK FUSION 360”



The Department of Mechanical Engineering at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, in association with its ASME (American Society of Mechanical Engineers) Student Section SKIT, organised a comprehensive two-day workshop on Autodesk Fusion 360. The event was held on October 30th & 31st, 2025, at the CAD Lab of the Mechanical Engineering Department. This workshop was conducted in collaboration with Autodesk and Rriza Engineering Solutions. The workshop aimed to bridge the gap between academic curriculum and industry requirements by providing hands-on training in one of the most advanced CAD/CAM/CAE platforms.

The primary objective of the workshop was to equip students with practical, industry-oriented skills in modern product design and development technologies. The focus was on the integrated environment of Autodesk Fusion 360, which

encompasses 3D modelling, simulation, generative design, and manufacturing. The inaugural session was graced by esteemed dignitaries, including Dr. R. K. Jain, Dean, SKIT, Dr. Dheeraj Joshi, Head, Department of Mechanical Engineering, Dr. Neelam Choudhary, Chief Coordinator, Professional Chapter. In their addresses, the dignitaries emphasized the critical importance of proficiency in digital tools for aspiring engineers. They encouraged students to leverage such opportunities to enhance their skill sets and prepare for the evolving demands of the industry. The workshop was structured under the guidance of Mr. Arun Beniwal, Advisor, ASME Student Section. The faculty coordination was managed by Dr. Manoj Kumar Sain and Mr. Sanjay Bairwa. The event saw active participation from student coordinators Mr. Daksh Agarwal and Mr. Bitthal Nama. A total of 70 students from the Mechanical



Glimpses of Workshop

Engineering department registered for the workshop, demonstrating a high level of enthusiasm for acquiring advanced technical skills.

The technical sessions were conducted by expert trainers from Rriza Engineering Solutions, an Autodesk Learning Partner: Mr. Rupinder Singh and Mr. Rhythm Sharma. The training covered key modules of Fusion 360, providing participants with detailed, hands-on practice in: 3D Modeling: Creating complex parametric models, Simulation: Performing stress analysis and other virtual tests, Design Validation: Ensuring designs meet specified requirements and constraints.

The two-day workshop on Autodesk Fusion 360 was a resounding success, effectively providing students with valuable, hands-on exposure to a premier engineering design platform. By integrating theoretical knowledge with practical application, the initiative is perfectly aligned with SKIT's commitment to fostering industry-ready engineers. The collaboration with Autodesk and Rriza Engineering Solutions ensured that the training was of high quality and relevant to current industry practices. Participants left the workshop with enhanced competencies in digital design, equipping them with a significant advantage for their academic projects and future careers.

## "FELICITATION PROGRAM FOR ASME INDIA AWARDS"



A special felicitation ceremony was held on October 30, 2025, at the Meghnad Saha Seminar Hall to honor the remarkable achievements of the ASME Student Section and its faculty advisor. The event celebrated two prestigious awards received from ASME India under its Student Section Recognition Program, marking a significant milestone for our institute. The honorees were felicitated by Dr. R. K. Jain, Dean of SKIT; Dr. Dheeraj Joshi, Head of the Mechanical Engineering Department; Dr. Neelam Choudhary, Chief Coordinator of the Professional Chapter; and Dr. Manoj Kumar Sain, Faculty Coordinator, ASME Student section SKIT. Mr. Arun Beniwal of the Mechanical Engineering Department was honored with the ASME Faculty All Star Supporter Award for his dedicated mentorship, receiving a certificate, e-badge, recognition letter, and a complimentary one-year ASME membership. Furthermore, the ASME Student Section itself was lauded with the Outstanding Community Engagement Award, recognizing its impactful initiatives, and was presented with a certificate, e-badge, ASME goodies, and a cash prize of ₹5,000. These accolades are a testament to the collective spirit, active efforts of the student section, and the unwavering support of the SKIT management.

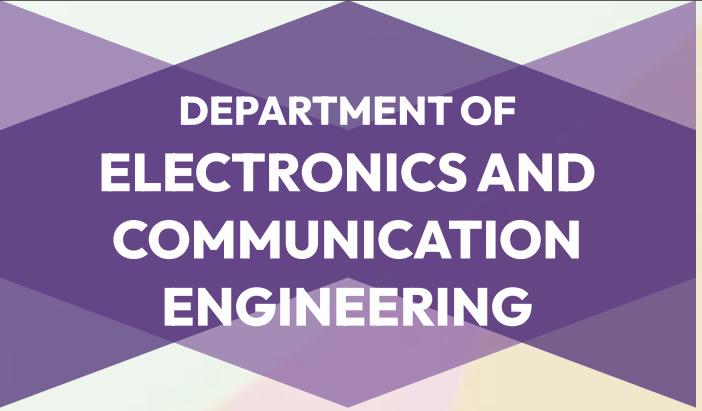


Felicitation Program For Asme India Awards

## BOOKS PUBLISHED



**TITLE:** Energy Science and Engineering  
**AUTHOR/S:** Amit Jhalani  
**PUBLISHER:** AICTE, New Delhi, 2025



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### EXPERT TALK DELIVERED

→  
TITLE : Human Values and Professional Ethics in Higher Education  
DATE&VENUE : 17 September 2025 at Government Engineering College, Jaipur.  
DELIVERED BY : Amit Jhalani

### FDP ATTENDED

→  
TITLE : 3D Printing and Design  
DATE : 4 to 16 Aug 2025.  
ATTENDED BY : Prem Singh  
ORGANIZED BY : Skill Dzire in collaboration with AICTE.  
  
TITLE : Agricultural Waste Valorizations.  
DATE : 15 to 20 Sept 2025.  
ATTENDED BY : Prem Singh  
ORGANIZED BY : Rathinam Technical Campus, Coimbatore.  
  
TITLE : Applications of R, Python & Bibliometric Tools in Research with Systematic Literature Review.  
DATE : 27 Oct to 1 Nov 2025.  
ATTENDED BY : Brij Mohan Sharma, Vinay Singh Marwal  
ORGANIZED BY : MCC Boyd Tandon School of Business, Chennai.  
  
TITLE : Developing Future-Ready Educators for the NEP 2020 Vision.  
DATE : 06 to 11 Oct 2025.  
ATTENDED BY : Sumita  
ORGANIZED BY : Vet Institute of Arts and Science, Co education College.  
  
TITLE : Business Analytics.  
DATE : 04 to 16 Aug 2025.  
ATTENDED BY : Achin Srivastav  
ORGANIZED BY : SkillDzire in collaboration with AICTE.

### BOOKS PUBLISHED

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

### PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

→  
TITLE : Analysis of Quantum Phase Estimation Algorithm Using Quantum Fourier Transform  
AUTHOR/S : Priyanka Sharma, Rukhsar Zafar  
PROCEEDING : Proceedings of the International Conference on Sensors and Microsystems. ICSM 2024. Lecture Notes in Electrical Engineering, vol 1381. Springer, Singapore, August 2025  
  
TITLE : Performance Optimization of Plasmonic Sensor Using Machine Learning and Generative Adversarial Networks  
AUTHOR/S : Priyanka Sharma, Rukhsar Zafar  
PROCEEDING : Proceedings of Advanced Computing Techniques in Engineering and Technology. ACTET 2025. Communications in Computer and Information Science, vol 2543. Springer, Cham, August 2025  
  
TITLE : Study of an Efficient and Flexible Thin Film Solar Cell  
AUTHOR/S : Satyendra Kumar, Swati Arora  
PROCEEDING : Proceedings of 5th International Conference on "Advancements in Nano Electronics and Communication Technologies", May 2025, ISBN: 978-81 969799-4-2.

### CONFERENCE ATTENDED

→  
TITLE : Academic Innovation Conference.  
DATE : 19 July, 2025.  
ATTENDED BY : Mr. Arun Beniwal, Mr. Pramod Jain  
ORGANIZED BY : CADFEM (Elite channel partner, Ansys) at Marriott Jaipur.

**TITLE** : Analysis of Cu<sub>2</sub>ZnSn as Promising Photovoltaic Absorber  
**AUTHOR/S** : Swati Arora, Nainika Agrawal  
**PROCEEDING** : Proceedings of 5th International Conference on "Advancements in Nano Electronics and Communication Technologies", May 2025, ISBN: 978-81 969799-4-2.

**TITLE** : Design and Analysis of a Dual-Band MIMO Antenna for 5G Applications at 26.3 GHz and 39.3 GHz  
**AUTHOR/S** : Birendra Kumar Pandey, Monika Mathur  
**PROCEEDING** : Proceedings of 5th International Conference on "Advancements in Nano Electronics and Communication Technologies", May 2025, ISBN: 978-81 969799-4-2.

**TITLE** : Design and performance analysis of hybrid cross-shaped THz antennas for 6G applications  
**AUTHORS** : Rajni Idiwal, Monika Mathur  
**PROCEEDING** : IET Proceedings, 09 July 2025, Parul University International Conference on Engineering and Technology 2025

**TITLE** : Design and optimization of multiband THz antenna arrays for high performance 6G and IoT wireless communication  
**AUTHORS** : Rajni Idiwal, Monika Mathur  
**PROCEEDING** : IET Proceedings, 09 July 2025 Parul University International Conference on Engineering and Technology 2025

**TITLE** : Performance Analysis of IGZO TFT's under Channel Length Scaling: DC, Analog and RF Perspective  
**AUTHOR/S** : Abhinandan Jain, Praveen Kumar Jain  
**CONFERENCE** : The 16th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT), IIT Indore, India, 6-11 July, 2025

**TITLE** : Design and Performance Optimization of a Bandgap-Tailored Ga<sub>0.04</sub>In<sub>0.96</sub>P Single-Junction Solar Cell with a 1.36eV Bandgap for Improved Efficiency  
**AUTHOR/S** : Ramesh Kumar, Praveen Kumar Jain  
**CONFERENCE** : The 16th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT), IIT Indore, India, 6-11 July, 2025

## FDPs ATTENDED

→

<b>TITLE</b>	: Five Day Professional development Programme on Recent Evolution on Microwave & Optical Technologies
<b>DATE</b>	: 1-5 September, 2025
<b>ATTENDED BY</b>	: Shubhi Jain
<b>ORGANIZED BY</b>	: SRM Institute of Science & Technology Kattankulathur, Tamil Nadu
<b>TITLE</b>	: Inculcating Universal Human values in Technical Education
<b>DATE</b>	: 10-12 July, 2025
<b>ATTENDED BY</b>	: Shubhi Jain
<b>ORGANIZED BY</b>	: Jaipur National University, Jaipur
<b>TITLE</b>	: AICTE - approved FDP on Quantum Communication (QT-06) (Online)
<b>DATE</b>	: 18 August-11 September, 2025
<b>ATTENDED BY</b>	: Priyanka Sharma
<b>ORGANIZED BY</b>	: EICT Academy, MNIT Jaipur
<b>TITLE</b>	: Association of Indian Universities (AIU) - Academic and Administrative Development Centers (AADC) Sponsored FDP on "Next Gen. of Design, Manufacturing, Packaging Semiconductor Technologies" (Online)
<b>DATE</b>	: 30 June -4 July, 2025
<b>ATTENDED BY</b>	: Pallav Rawal
<b>ORGANIZED BY</b>	: GTU School of Engineering and Technology, Gujarat

## PAPERS PRESENTED IN CONFERENCES

→

**TITLE** : Design and Optimisation of a compact Microstrip patch Antenna for 24 Ghz mmWave 5G wireless communications  
**AUTHOR/S** : Rajni Idiwal, Monika Mathur  
**CONFERENCE** : 6th International Conference on Smart Electronics and Communication (ICOSEC 2025), Kongunadu College of Engineering and Technology, Trichy, India, 24-26 September 2025.

TITLE	: International FDP on Ethical Application of AI in Higher Education for Teaching, Research and Administrative Work	MENTOR/S	: Shubhi Jain
DATE	: 8-17 September, 2025	COURSE/ TOPIC	: Microwave Engineering
ATTENDED BY	: Mukesh Arora	DURATION	: July-December, 2025
ORGANIZED BY	: Eudoxia Research University, USA and Eudoxia Research Centre, India		
TITLE	: Prerequisites for Entrepreneur Development and Research Innovation	MENTOR/S	: Kiran Rathi
DATE	: 18-22 August, 2025	COURSE/ TOPIC	: Analog Electronic Circuit (ee-103), Analog Electronic Circuits (ee-157)
ATTENDED BY	: Kiran Rathi	DURATION	: July-December, 2025
ORGANIZED BY	: Institute of Engineering and Management, Newtown, Kolkata in association with HRDC, IEM-UEM Group.	MENTOR/S	: Rajni Iddiwal
		COURSE/ TOPIC	: Analog Communication
		DURATION	: July-December, 2025
		MENTOR/S	: Swati Arora
		COURSE/ TOPIC	: System Design through Verilog
		DURATION	: July-December, 2025

## WORKSHOPS ATTENDED

TITLE	: Five-Week International Online Workshop on Smart Antenna Design through CST Simulation Software (Online)
DATE	: 6-10 October 2025
ATTENDED BY	: hubhi Jain, Suman Sharma
ORGANIZED BY	: Department of Electronics & Communication Engineering, S.A Engineering College Chennai.

## NPTEL COURSES MENTORED

MENTOR/S	: Mamta Jain
COURSE/ TOPIC	: Introduction to Semiconductor Devices
DURATION	: July-December, 2025
MENTOR/S	: Abhinandan Jain / Vikas Pathak
COURSE/ TOPIC	: Digital Circuits
DURATION	: July-December, 2025
MENTOR/S	: Harshal Nigam
COURSE/ TOPIC	: Electromagnetic Theory
DURATION	: July-December, 2025

## STTPs/SUMMER SCHOOLS/ REFRESHER COURSES ATTENDED

TITLE	: Continuing Education Programme on Summer Faculty Research Fellow Programme-2025
DATE	: 14 May - 09 July, 2025
ATTENDED BY	: Suman Sharma
ORGANISED BY	: Indian Institute of Technology, Delhi

## PAPER REVIEWED

TITLE	: MLIP-Based Defense Mechanisms Against Cyber Crime: Insights from Dataset-driven Attack Prevention Strategies
REVIEWER NAME	: Shubhi Jain
CONFERENCE	: IIIrd IEEE International Conference on Networks, Multimedia and information Technology (NMITCON) Organized at Nitte, Meenakshi

Institute of Technology, Bengaluru  
India, 1st- 2nd August, 2025 in  
association with IEEE Bangalore  
Section.

This module covers the fundamentals of digital logic circuits, number systems, logic gates, and combinational and sequential circuit design. Students design circuits using logic simulators and gain exposure to hardware description languages (HDLs).

## SESSION CHAIRED



SESSION ON : Emerging Technology in the 6th International Conference on Data Science and Applications

CHAIRED BY : Vikas Pathak

DATE & VENUE : MNIT Jaipur

## IN-HOUSE TRAINING PROGRAM FOR III SEM STUDENTS



During the training, the following modules were covered:

**Module 1: PCB Layout & Designing:** Schematic capture, PCB layering, design rules, layout techniques, and hands-on using PCB software. The resource persons were Mr. Prema Ram, Mr. Dhurendra Singh, Ms. Gloria Joseph. This module focuses on the design and development of Printed Circuit Boards (PCBs). Students learn schematic design, component placement, routing techniques, and simulation using industry-standard software tools like Proteus. Hands-on sessions help them understand the entire PCB design flow.

**Module 2: Basic Electronics & Components:** Resistors, capacitors, diodes, transistors, bread boarding, soldering basics. The resource persons were Mr. R. S. Ola, Dr. Kiran Rathi, Ms. Mamta Jain, Dr. Shubhi Jain. This module introduces basic electronic components such as resistors, capacitors, diodes, transistors, and their working principles. Students perform circuit-building exercises and analyse circuit behaviour, which strengthens their foundational knowledge.

**Module 3: Hands-on Quantum Computing:** Qubits, quantum gates, IBM Q experience, quantum circuits. The resource person was Ms. Priyanka Sharma. This advanced module provides an introduction to quantum computing concepts, including qubits, superposition, entanglement, and quantum gates. Students gain exposure to simulators and platforms like IBM Q Experience for hands-on experimentation with quantum logic.

**Module 4: Introduction to Digital System Design:** Logic gates, combinational circuits, Karnaugh maps, basics of VHDL/Verilog. The resource person was Dr. Vikas Pathak.

Additional Sessions include:

1. Virtual Labs (NPTEL/ICT) by Ms. Rajni Idiwal and Dr. J.P.Vijay: To enhance remote lab interaction using NPTEL virtual platforms.
2. Embedded Systems & R&D Trends by Mr. Abhinandan Jain: Industry-oriented lectures on real-time systems, IoT, and research focus.
3. Communication & Soft Skills by Dr. Neha Purohit: Workshops on group discussion, interview skills, and professional communication.
4. Design Thinking & Innovation by Mr. Ajay Kumar Dhanopia: Interactive sessions on problem-solving using creativity and empathy.

### Two Industrial Visits were conducted during training:

Industrial Visit 1: Akshaya Patra Food Processing Unit, Jagatpura, Jaipur on 25/7/2025

Industrial Visit 2: TechnoS Centre of Excellence, Sitapura, Jaipur on 26/7/25



## ADVANCED IOT TRAINING PROGRAM AT CSIR-CEERI, JAIPUR



The Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, proudly announced the successful participation of its students in the Advanced IoT Training Program organized by the CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI), Jaipur.

Under the CSIR Integrated Skill Initiative – Phase III, sponsored by RIICO, Rajasthan, the one-month program, conducted from 6th October to 7 November 2025, aimed to impart advanced technical skills in the field of the Industrial Internet of Things (IoT). Out of 150 applicants from reputed institutes across India, only 30 candidates were shortlisted, including eight students from SKIT ECE Department, reflecting the institute's consistent academic excellence.

The training curriculum was thoughtfully designed to provide participants with both theoretical insights and practical expertise. It covered Embedded Systems, Sensor Integration, PCB Design and Fabrication, Assembly and Testing, Software Development, and Robotics-based Automation. Through hands-on sessions, expert lectures, and live demonstrations, students gained real-world exposure to IoT-enabled industrial systems and smart automation. The program was coordinated by Dr. Vijay Chatterjee, Principal Scientist at CSIR-CEERI, Jaipur, who mentored participants in developing innovative IoT-based solutions.

The event concluded with certificate distribution and heartfelt appreciation from the participants for the expert mentorship, state-of-the-art facilities, and enriching learning experience. Mr. Jaipal Meel, Dr. Ramesh Kumar Pachar, Dr. R. K. Jain, and Dr. Praveen Kumar Jain congratulated the students on the successful completion of the program. The institutional coordination was led by Dr. Monika Mathur, Department of ECE, SKIT. This achievement underscores SKIT's ongoing commitment to fostering innovation, technical excellence, and academic-industry collaboration.



Training Programme

## ONE WEEK LECTURE SERIES ON “RECENT TRENDS IN ELECTRONICS AND COMMUNICATION ENGINEERING”



The Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, organized a one-week lecture Series on “Recent Trends in Electronics and Communication Engineering” from 22nd to 26th September 2025 in offline mode. The series aimed to enhance students' knowledge of contemporary technologies and research practices in the field of electronics and communication. The event commenced with an enlightening lecture by Dr. Rajendra Mitharwal, Assistant Professor, Department of ECE, MNIT Jaipur, on RF and Microwave Amplifier Design. The session explored design principles, performance parameters, and practical aspects of high-frequency amplifier development, emphasizing their importance in modern communication systems.

The next session was conducted by Prof. Dr. S. J. Nanda, Associate Professor, ECE Department, MNIT Jaipur, who explained the Fourier, Wavelet, and S-Transforms in depth. The lecture covered mathematical foundations and real-world applications of signal transforms for time-frequency analysis in communication and signal processing systems. Dr. Usha Choudhary, Assistant Professor, Department of IoT & Intelligent Systems, Manipal University Jaipur, delivered a session on Raspberry Pi and IoT Applications. She discussed hands-on IoT development and the role of 5G-enabled intelligent devices in industrial automation and smart connectivity. Dr. Sandeep Saini, Assistant Professor, ECE Department, LNMIT Jaipur, focused on Parallel Processing and Pipelining. Participants learned about architectural techniques that enhance computational speed and efficiency in modern processors. The concluding session was presented by Dr. Jeet Ghosh, Assistant Professor, ECE Department,



Glimpses of the session

LNMIT Jaipur, on Uniform Plane Waves and Polarization. The lecture explained electromagnetic wave propagation and its relevance to antenna design and wireless communication.

The program was organized under the guidance of Prof. (Dr.) Praveen Kumar Jain, Head of the Department (ECE), coordinated by Dr. Vikas Pathak, Dr. Kiran Rathi, and Dr. Suman Sharma. The event concluded with a vote of thanks, acknowledging the contributions of all the speakers and participants.

## INDUSTRIAL VISIT TO TECHNOS INSTRUMENTS, SITAPURA, JAIPUR

The Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, organized an industrial visit to Technos Instruments, Sitapura, Jaipur, on 6th October 2025 for the students of the third semester. The visit aimed to provide students with practical exposure to advanced industrial technologies and to understand their real-world applications in modern industries.

The primary objective of the visit was to enhance students' awareness of how innovative technologies can help meet the growing energy demands and improve industrial efficiency. During the visit, the students were given detailed demonstrations of 3D Printing, Drone Technology, and Electric Vehicle Technology. Experts from Technos Instruments explained the installation processes, functional mechanisms, and industrial utility of these technologies in contemporary manufacturing and energy systems.

The session also included live demonstrations of prototype development and testing processes, giving students hands-on insights into the integration of electronics, automation, and communication systems in industrial applications. The visit allowed the participants to correlate their classroom learning with real-world scenarios, strengthening their understanding of interdisciplinary engineering concepts. The interaction with the technical experts provided a comprehensive understanding of the role of modern electronics in sustainable and energy-efficient innovations.

The industrial visit was coordinated by Dr. Neeraj Jain, Dr. Shubhi Jain, and Mr. Abhinandan Jain, from the Department of Electronics and Communication Engineering, SKIT, Jaipur. The visit was highly informative and motivational, aligning with SKIT's vision of promoting experiential learning and bridging the gap between academia and industry.



Visit to Metro Station



Glimpses of Industrial Visit

## INDUSTRIAL VISIT TO BSNL, JAIPUR



The Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, organized an industrial visit to Bharat Sanchar Nigam Limited (BSNL), M.I. Road, Jaipur, for the fifth-semester students of the department. The visit aimed to provide participants with practical exposure to telecommunication systems and network operations, bridging the gap between theoretical learning and real-world applications.

During the visit, the BSNL technical team conducted a comprehensive presentation introducing the students to GSM (Global System for Mobile Communication), Network Operating Systems, Broadband Networks, and the Integrated Network Operation Centre (NOC). The experts explained the functional and architectural framework of modern telecommunication systems, giving students an in-depth understanding of communication infrastructure and signal flow.

A detailed demonstration was conducted on 2G, 3G, and 4G network technologies, wherein the operation of Mobile Switching Centres (MSC) and Gateway Mobile Switching Centres (GMSC) was explained. The students also gained insights into the Centralized Processing and Analysis Network (C-PAN) and observed live demonstrations of data transfer processes and network management systems.

The visit provided students with valuable technical exposure to core telecommunication operations, switching mechanisms, and data communication processes. The industrial visit was coordinated by Dr. Shubhi Jain, Dr. Pallav Rawal, Dr. Neeraj Jain, and Ms. Harshal Nigam from the Department of Electronics and Communication Engineering, SKIT, Jaipur. The visit proved to be an enlightening experience, reinforcing the importance of applied learning and equipping students with a deeper appreciation of India's telecommunications infrastructure.



Glimpses of Industrial Visit

## EXPERT LECTURE ON “ADVANCES IN OPTICAL COMMUNICATION”



The Optica Student Chapter and IEI-ECE Student Chapter of Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, jointly organized an expert lecture on “Advances in Optical Communication” on Friday, 10th October 2025. The session featured Prof. Manish Tiwari, Professor, Manipal University Jaipur, as the distinguished guest and resource person.

Prof. Tiwari delivered an insightful lecture focusing on the paradigm shift in communication technology from electronics to photonics, emphasizing that the next generation of communication (6G and beyond) will fundamentally rely on optical capacity. He elaborated on how advances in optical communication are driven by innovations in specialty optical fibers, photonic integration, and quantum effects, which form the foundation of future ultra-secure satellite and fiber communication systems.

He also discussed Space Division Multiplexing (SDM) and its role in high-capacity transmission networks, and shared his international research experience, including his contributions to the BRICS project. Prof. Tiwari further highlighted the contributions of Indian scientists in the advancement of optical science and encouraged students to pursue research in this promising field.

The session concluded with a formal vote of thanks delivered by Dr. Rukhsar Zafar, Faculty Advisor, Optica Student Chapter. She appreciated the speaker's valuable insights and discussed the benefits of Optica membership, including participation in international conferences and scholarship opportunities.

The event was coordinated by Mr. Vineet Sharma, Ms. Lividha Choudhary, and Ms. Aaliya Praveen as student coordinators.



Glimpses of Expert Lecture

# MOU SIGNED BETWEEN SKIT JAIPUR AND JYOTI ELECTRONICS, AHMEDABAD



To foster industry-academia collaboration, the Center of Excellence in Antenna, Microwave, and RF Engineering at SKIT Jaipur has entered into a Memorandum of Understanding (MoU) with Jyoti Electronics, Ahmedabad. Established in 1981, Jyoti Electronics is a leading organization in the Indian RF and Microwave sector. The MoU was formalized during the S.A.C. Technology Day organized by Jyoti Electronics in Ahmedabad, where several eminent representatives and experts from SAC-ISRO participated and deliberated on emerging innovations in space research and RF technologies.

## Key Objectives of the MoU

- Provide internship opportunities for B.Tech. and M.Tech students.
- Organize Faculty Development Programs (FDPs), workshops, and technical training sessions.
- Strengthen student placement opportunities in the RF and Microwave domain.
- Offer hands-on exposure to advanced technical equipment and design software, enhancing student expertise in RF/Microwave design, antenna simulation, and testing.

Representing SKIT Jaipur, Dr. Suman Sharma, Associate Professor, Department of ECE, attended the event. On behalf of Jyoti Electronics, Mr. Rajendra Agarwal (Managing Director) and Mr. Parth Agarwal (Technical Director) extended their best wishes to SKIT students. Expressing their delight over this collaboration, Mr. Jaipal Meel (Director, SKIT), Dr. Ramesh Kumar Pachar (Principal), Dr. R.K. Jain (Dean), and Dr. Praveen Kumar Jain (Head, ECE Department) congratulated the faculty and students, and highlighted the immense scope this partnership brings in advancing academic excellence and industry readiness in the RF domain.



Dr. Suman Sharma Attended The Event

# DEPARTMENT OF ELECTRICAL ENGINEERING

## BOOK CHAPTERS PUBLISHED



Book	: Future Power Network and Smart Energy Systems, Volume 2
AUTHOR/S	: Sarfaraz Nawaz, Ajay Bhardwaj
BOOKCHAPTER	: ICA-Based Optimal Deployment of Renewable-Based Distributed Generation Units for Power Loss Reduction
PUBLISHER	: Springer, Singapore
BOOK	: Advanced Computing Techniques in Engineering & Technology
AUTHOR/S	: Ajay Bhardwaj, Sarfaraz Nawaz
BOOKCHAPTER	: Optimal Bidding Strategy for Generation Companies in Deregulated Electricity Market Environment
PUBLISHER	: Springer, Singapore

## BOOKS PUBLISHED



TITLE	: Study of SVPWM based Shunt Active Power Filter.
AUTHOR/S	: Abhishek Gupta, Naveen Kumar Sain, Chandan Kumar
PUBLISHER	: LAP Lambert Academic Publishing, 2025
TITLE	: Enhanced MPPT for Solar PV Using Modified PSO: Simulation & Assessment.
AUTHOR/S	: Abhishek Gupta, Naveen Kumar Sain, Chandan Kumar
PUBLISHER	: LAP Lambert Academic Publishing, 2025

## SESSION CHAIRED

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Name of Faculty	:	Prof. Sarfaraz Nawaz
Session chaired	:	IEEE Conference (DELCON-2025) on "Recent Smart Technologies in Engineering for Sustainable Development."
Organized by	:	Department of Electrical Engineering, Jamia Millia Islamia, New Delhi, from 31 Oct-1 Nov, 2025.

## AWARD

→

Name of Faculty	:	Prof. Sarfaraz Nawaz
AWARD	:	"Dr. A P J Abdul Kalam National Award" for outstanding contribution in Research on 04/10/2025.

## FDPs ATTENDED

→

TITLE	:	International Faculty Development Program on Ethical Application of AI in Higher Education for Teaching, Research and Administrative Work
DATE	:	8th to 17th September 2025
ATTENDED BY	:	Abhishek Gupta

ORGANIZED BY : Eudoxia Research University, ERU-USA & Eudoxia Research Centre, ERC-India

## PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

→

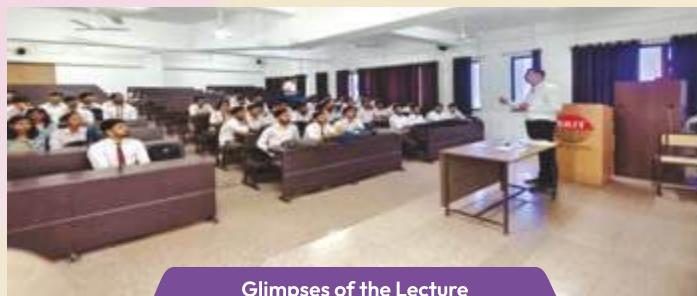
TITLE	:	Comparative Analysis of Software Development Models: Evaluating Effectiveness Across the SDLC
AUTHOR/S	:	Abhishek Gupta, Paridhi Jain, Soumya Khandelwal & Meenakshi Nawal
DATE	:	17 August 2025

PROCEEDING : International Conference on Advanced Computing Techniques in Engineering Technology (ACTET-2025)

## EXPERT LECTURE ON "TRANSITION FROM GSS TO GIS: FUTURE OF GRID SUBSTATIONS"

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An Expert Lecture on "Transition from GSS to GIS: Future of Grid Substations" was organized by the Department of Electrical Engineering for III and V Semester students on 13th October 2025. The session was delivered by Er. Jagadish Singh Gurjar, Assistant Engineer, RRVPNL, shared his valuable insights on the technological advancements and modernization of power systems through the shift from conventional Gas Switch Substations (GSS) to Gas Insulated Substations (GIS). Er. Gurjar explained the importance of compact, reliable, and environment friendly substation designs that address challenges such as space constraints, maintenance, and operational efficiency. He also discussed case studies from RRVPNL's recent GIS installations across Rajasthan.



Glimpses of the Lecture

## EXPERT LECTURE ON GATE EXAM AWARENESS AND PREPARATION STRATEGIES

→

An Awareness Activity on the GATE examination was conducted for III Semester B.Tech students of Electrical Engineering and Electronics & Communication Engineering on Thursday, 25th September 2025. The session was led by Mr. Sushil Soni, Assistant Manager at Made Easy Education,



Glimpses of the Lecture

# DEPARTMENT OF CIVIL ENGINEERING

who provided valuable insights into the GATE exam, including eligibility, syllabus, exam pattern, preparation strategies, and career opportunities in higher studies, PSUs, and research fellowships. The session was conducted in offline mode from 10:00 AM to 11:30 AM in the Seminar Hall of the Electrical Engineering Department and witnessed active participation from around 120 students.

## EXPERT LECTURE ON “IEEE STUDENT MEMBERSHIP: BENEFITS AND AWARENESS”



An Expert Talk on “IEEE Student Membership: Benefits and Awareness” was conducted for III and V Semester B.Tech students of Electrical Engineering on Thursday, 25th September 2025. The session was delivered by Dr. Nilam Choudhary, Associate Professor, CSE Department, SKIT Jaipur. The talk provided valuable insights into the benefits of IEEE student membership, including access to technical resources, publications, research opportunities, and global networking. Dr. Choudhary also highlighted opportunities for internships, conferences, scholarships, and the role of IEEE in fostering career growth and skill development.



## ICI FEST 2025: INDIA'S LARGEST STUDENT-DRIVEN CIVIL ENGINEERING FESTIVAL CONCLUDES SUCCESSFULLY



The three-day national festival, ICI Fest 2025, took place from September 26 to 28, 2025, and was organized by the Indian Concrete Institute (ICI) Student Chapter at SKIT Jaipur. The event concluded on a grand note and was hosted by SKIT Chairman Surjaram Meel.

With over 5,000 participants from across the country, the festival showcased a vibrant blend of student energy, innovation, and technical excellence. Attendees enjoyed a dynamic mix of technical programs, competitions, workshops, and industry exhibitions. Highlights included a panel discussion on Innovations in Construction, the BIS Carnival featuring over 45 industry displays, a 24-hour Innovision Hackathon, a Drone Workshop, the BIS Run for Quality Walkathon, and competitions such as Brick-O-Brick, Tower Craft, and the Mix Design Challenge.

Esteemed guests, including Dr. Anoop Bartariya, Shri Manoj Kawalkaar, Shri V.K. Singh, Shri D.R. Meghwal, Mrs. Suchi Sharma, Major General Alok Raj, Shri Namit Sharma, Dr. Prashant, and Ms. Kanika Kalia, inspired students with their insights and experiences.



The success of ICI Fest 2025 reflected the dedication and passion of the student organizers, bolstered by invaluable support from the BIS and leading industry institutions. In closing, Dr B.L. Sharma, Head of Civil Engineering at SKIT, and coordinator Anirudh Mathur expressed heartfelt gratitude to all participants, guests, and partners who contributed to the remarkable success of the festival.

## STUDENT WORKSHOP ON MS EXCEL: BEGINNER TO ADVANCED LEVEL



The "MS Excel: Beginner to Advanced Level" workshop was conducted from October 06, 2025, to October 10, 2025, to equip students with essential skills in Microsoft Excel. Dr. Pooja Jain and Dr. J.K. Vyas organized the workshop. The workshop drew participation from 39 enthusiastic students eager to enhance their proficiency in Excel. The workshop was a great success, providing valuable Excel skills to the participating students. It equipped them with the necessary knowledge to excel in their academic and professional pursuits, as proficiency in Excel is highly sought after in various fields.



Student Workshop

## EXPERT TALK ON REPAIR AND REHABILITATION: CASE STUDIES



An expert talk titled "Repair and Rehabilitation: Case Studies" was delivered by Dr. Rakesh Choudhary, Head of Research and Development at Texel Consulting Engineers Pvt. Ltd. The event was organized by the Department of Civil Engineering on October 8, 2025. During his presentation,

Dr. Choudhary emphasized the importance of assessing the need for repairs, the methods of assessment, and various possible solutions for the rehabilitation of different structures. He shared real-world experiences from his fieldwork on rehabilitating administrative and academic buildings, temples, and water tanks.

Prof. B.L. Sharma, Head of the Department of Civil Engineering, addressed the students, highlighting how expert talks like this play a crucial role in bridging the gap between academic learning and industry practice. The coordinators, Dr. Bharathi M. and Dr. Pooja Gupta, collected feedback from all participants.



Expert Talk

## TRAINING PROGRAM ON ENERGY CONSERVATION AND SUSTAINABLE BUILDING CODE (ECSBC 2024)



A half-day awareness training program on Energy Conservation & Sustainable Building Code 2024 (ECSBC 2024) was organized by the Department of Civil Engineering on October 13, 2025. The training program was organized by Dr. Bharathi M. and Er. Palak Agarwal for B.Tech. Civil, Electrical, and Mechanical Engineering students. The program was conducted by Rajasthan Renewable Energy Corporation Limited (RRECL) and the Bureau of Energy Efficiency (BEE) to enhance awareness and strengthen the capacity of students in the field of energy-efficient building design. The technical sessions were delivered by BEE Certified Master Trainer Mr. Aashu Gupta. He addressed the students and introduced them to different clauses in the new version of the ECSBC 2024. Discussions included the latest advancements, policies, and technologies that drive energy conservation in industrial, commercial, and residential sectors. Emphasis was also made on how infrastructure



Training Programme At Skit

businesses can incorporate sustainable and energy-efficient practices in their operations, which would certainly lead to a reduction in carbon footprints and operational costs. Students were also made aware of the career opportunities across various sectors, including businesses, energy service companies, start-ups, and government agencies, to accelerate the adoption of energy-efficient solutions. A dedicated team from Design 2 Occupancy, consisting of Mr. Gaurav Gupta, Mr. Vishal Kumar, Ms. Tripti Tiwari, and Mr. Utkarsh Dhaker, ensured the smooth conduction of the entire training program.

## FDPS ATTENDED

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TITLE	: Advances in Intelligent Civil Engineering (AICE)
DATE	: 10-14 September 2025
ATTENDED BY	: Aditi Shivachandra Vibhute
ORGANIZED BY	: Madanapalle Institute of Technology & Science (MITS), Andhra Pradesh
TITLE	: Advanced Seismic Design for Resilient Structures
DATE	: 20 September 2025
ATTENDED BY	: Aditi Shivachandra Vibhute
ORGANIZED BY	: Ennovare Research Academy
TITLE	: Application of Machine Learning in Civil Engineering (AMLCE-2025)
DATE	: 22-26 September 2025
ATTENDED BY	: Aditi Shivachandra Vibhute
ORGANIZED BY	: NIT Raipur

**Every reflection  
tells a story.**

## NPTEL / mooKIT/ IITBX / SWAYAM COURSE COMPLETED



COURSE/ TOPIC	: Introduction to Urban Planning
COMPLETED BY	: Bharathi M.
DURATION & CATEGORY	: July to September, 2025, (8-week) Awarded Elite + Silver Certificate
COURSE/ TOPIC	: Project Planning & Control
COMPLETED BY	: Pooja Gupta
DURATION & CATEGORY	: July to September, 2025, (8-week) Awarded Elite + Silver Certificate
COURSE/ TOPIC	: Accreditation and Outcome-Based Learning
COMPLETED BY	: Sunita Tolani
DURATION & CATEGORY	: August to October, 2025, (8-week) Awarded Elite + Gold Certificate

## M.TECH. SUPERVISED



DISSERTATION TOPIC	: Subgrade Soil Stabilization using Geogrids for Pavement Construction
NAME OF STUDENT GUIDED BY	: Deeksha Sharma Bharathi M.

See  
beauty.  
Feel  
confidence

# DEPARTMENT OF MANAGEMENT STUDIES

## “SHUBHARAMBH: EMPOWERING FUTURE MANAGERS”

### ORIENTATION PROGRAMME FOR MBA STUDENTS

The Department of Management Studies (DMS), Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, organized its MBA Orientation Programme “Shubharambh: Empowering Future Managers” on 4th September 2025 to welcome the MBA batch of 2025–2027. The event began with Saraswati Vandana and Lamp Lighting, followed by a welcome address by Dr. Savita Choudhary, Head of Department. Eminent dignitaries, including Shri Jaipal Meel, Director, SKIT, Prof. (Dr.) S.L. Surana, Director Academics, SKIT, and Prof. (Dr.) Ramesh Pachar, Principal, SKIT, addressed the students, motivating them to pursue excellence with discipline, ethics, and innovation.

Ms. Devishwari Prajapat, Founder-Director, A2Zee HR Solutions & Business Partner – WAE Consultancy Services, inspired students with her entrepreneurial journey, emphasizing adaptability and industry-ready skills. Mr. Mukesh Vyas, Principal Consultant – Pre Sales, Salesforce Practice, Infosys Limited, highlighted technological advancements and shared thought-provoking insights on values and leadership. Prof. Anil Mehta, Professor, Department of Legal Studies, Banasthali University, spoke on legal, ethical, and managerial perspectives essential for responsible leadership.

The International Conference poster was unveiled during the session. Post-tea, an expert talk by Ms. Ranoo Nathany Srivastava, Silver Jewellery Manufacturer, Exporter and Social Entrepreneur, on “Skill Set Required for a Successful Managerial Career” offered practical guidance for future

managers. The programme concluded with a Vote of Thanks by Dr. Atul Gupta, Associate Professor & Deputy Head, DMS, and was well coordinated by Dr. Atul Gupta and Dr. Ajay Verma, Associate Professor, DMS, leaving students motivated and enthusiastic for their academic journey.



Glimpses of the programme

### MBA FRESHER'S - “FRESHHITZ 2K25”

The Department of Management Studies organized a vibrant MBA Fresher's titled “FreshHitz 2K25” on 4th October 2025. The event aimed to formally welcome the newly admitted MBA First Semester students and provide them with a platform to express their talents, build confidence, and integrate into the departmental culture. The celebration began with a traditional lamp-lighting ceremony dedicated to Goddess Saraswati, followed by a soulful devotional bhajan that created a serene and uplifting atmosphere. Dr. Savita Choudhary, Head of Department, welcomed all the new students in the programme. The program featured a variety of engaging activities, including cultural performances, competitions, and interactive games such as Puzzle Run etc. Winners were felicitated with prizes by faculty members and special titles that added to the excitement and recognition for outstanding participants. The high-energy event brought juniors and seniors together, fostering camaraderie and joyful interaction. The event concluded with a delicious dinner, offering students and faculty an opportunity to bond and strengthen the sense of belonging.

within the department. The program was successfully conducted under the supervision of the Faculty Coordinator, Dr. Maneesha Kaushik. "FreshHitz 2K25" successfully fulfilled its purpose of welcoming the freshers with enthusiasm and warmth. The coordinated efforts of faculty and students, combined with the guidance of departmental leadership, created an atmosphere of unity, creativity, and celebration. The event left lasting memories and set a positive tone for the academic journey ahead.



Glimpses of FreshHitz

## INDUSTRIAL VISIT - DEV MILK FOODS PVT. LTD. (FRUBON), JAIPUR

The Department of Management Studies organized an industrial visit for MBA students to Dev Milk Foods Pvt. Ltd. (FRUBON), Jaipur, on September 26, 2025, coordinated by Dr. Ajay Verma and Mr. Tarun Sharma, with 40 students participating. The visit aimed to provide practical exposure to dairy and ice-cream manufacturing and to understand the application of management concepts in industry. Dev Milk Foods (DMF), established in 2004, is one of Rajasthan's leading private dairy brands and has diversified into ice-cream and bakery products under the FRUBON brand, operating a technologically advanced 60,000 sq. ft. facility. Students learned about the company's philosophy, multi-state operations, and strict quality standards, including the handling of 70,000 liters of milk daily and adherence to 36 quality parameters. They observed the complete production cycle—milk procurement, testing, processing, freezing, packaging, and distribution—along with FRUBON's focus on hygiene, safety, technology, and cold-chain management. Interaction with employees offered insights into coordination among production, HR, finance, and supply chain departments. Overall, the visit significantly enhanced students' practical understanding of manufacturing operations and provided valuable real-world exposure beyond classroom learning.

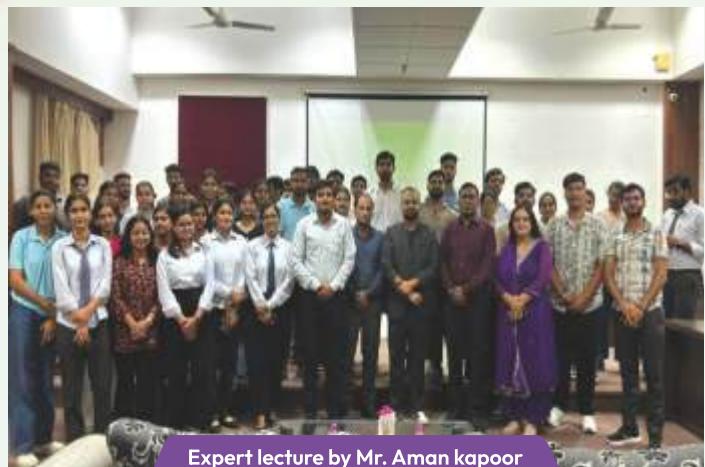


Industrial Visit by MBA Students

## EXPERT LECTURE ON "RESUME BUILDING & LINKEDIN ESSENTIALS"

The Department of Management Studies, SKIT Jaipur, organized an expert lecture on "Resume Building & LinkedIn Essentials" featuring Mr. Aman Kapoor, Senior Professor at IIDE, Delhi. The session aimed at enhancing students' resume-writing skills and their understanding of LinkedIn as a key platform for professional networking and career opportunities.

Mr. Kapoor highlighted the importance of a well-structured resume, effective formatting, and achievement-based content. He also guided students on optimizing LinkedIn profiles through professional headlines, impactful summaries, relevant keywords, and active engagement with industry networks. The session included practical examples, real-life success stories, and answers to student queries on resume gaps, online visibility, and recruiter expectations. The event proved highly beneficial, equipping students with essential skills for presenting their professional identity both offline and online. The lecture contributed significantly to improving career readiness among students and was successfully coordinated by Mr. Tarun Sharma.



Expert lecture by Mr. Aman Kapoor

# INTERNATIONAL FDP ON ETHICAL APPLICATION OF AI IN HIGHER EDUCATION



The Department of Management Studies, in collaboration with Eudoxia Research University, USA, successfully conducted a ten-day virtual International Faculty Development Program from September 8th to 17th, 2025, on the "Ethical Application of AI in Higher Education" for 120 faculty members. Designed in alignment with NEP 2020, the program provided a comprehensive exploration of AI's potential in teaching, research, and administration, firmly anchored in ethical principles and academic integrity. Dr Savita Choudhary welcomed the participants in the FDP. Over the course of five days, core themes were addressed, including ethical foundations, practical applications of advanced AI tools, administrative automation, and the responsible use of Generative AI in academic writing, culminating in hands-on training. The FDP successfully empowered participants to integrate AI tools into their workflows, emphasizing that AI should act as an augmentative tool that supports—not replaces—educators. Key takeaways underscored the paramount importance of ethics, transparency, and institutional readiness through leadership support and AI literacy programs, ultimately equipping faculty to champion a future-ready, inclusive, and ethically robust educational ecosystem that strategically balances AI's power with indispensable human expertise and judgment. Dr. Maneesha Kaushik was the faculty coordinator for the international FDP.



Mr. Rohan Kotia and Ms. Payal Gupta, both from the MBA Batch of 2023–2025, who shared their valuable experiences, challenges, and learnings from their professional journey.

Mr. Rohan Kotia, currently serving as a Business Analyst and Development Executive, emphasized the importance of analytical thinking, adaptability, and continuous up skilling. He inspired students to develop a balance between technical expertise and interpersonal skills to thrive in the corporate world. Ms. Payal Gupta shared insights on overcoming early professional challenges through perseverance, self-discipline, and a learning mindset. She encouraged students to focus on self-improvement, time management, and maintaining a positive approach in their career development. The interaction provided students with a practical perspective on corporate functioning, placement preparedness, and the importance of communication, leadership, and networking. Both alumni highlighted how academic knowledge, when complemented with practical exposure and ethical professionalism, leads to sustainable success. The session concluded with key takeaways emphasizing continuous learning, soft skill enhancement, professional ethics, and network building. It motivated students to align their academic pursuits with real-world applications and to approach their careers with confidence and resilience. Dr Maneesha Kaushik was the faculty coordinator for the event. Overall, the event was an inspiring and insightful experience, reinforcing the department's commitment to nurturing industry-ready management professionals through alumni engagement and experiential learning.

2. The Department of Management Studies, SKIT, organized an Alumni Interaction under the MBA Programme on 1st October 2025 as part of the Synergy initiative. The event aimed to strengthen the connection between academic learning and real-world corporate experiences by inspiring students through interactions with successful alumni. The speaker, Ms. Ekta Modi, an alumna from the MBA Batch (2021–2023) and currently working at R2R, Operations Associate, shared her professional journey, highlighting the significance of perseverance, adaptability, and continuous learning in overcoming challenges and achieving career growth. She emphasized the importance of soft skills such as communication, teamwork, leadership, and problem-solving while encouraging students to participate in internships, college activities, and networking opportunities for holistic development. The session provided valuable insights into corporate structures, particularly the R2R process in finance operations, and motivated students to maintain resilience, discipline, and a growth mindset. The key takeaways included understanding the corporate

## “SYNERGY: INTERACTION WITH ALUMNI”



1. The Department of Management Studies at SKIT, Jaipur organized an Alumni Interaction Session under the MBA Programme titled “Synergy: Interaction with Alumni” on 27th September 2025. The session aimed to bridge the gap between academic learning and professional realities by connecting current students with successful alumni who have transitioned into the corporate world. The event featured

# DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

environment, realizing the importance of continuous learning, adaptability, and the value of professional networking and mentorship. The event concluded with recommendations for students to engage in lifelong learning, develop soft skills, participate actively in practical experiences, stay updated with industry trends, manage time effectively, and maintain a positive attitude. Dr. Maneesha Kaushik was the faculty coordinator for the event.



## DEPARTMENT OF PHYSICS

### PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS



**TITLE** : Hydrothermal Synthesis and Characterization of MoSe<sub>2</sub>/rGO Nanocomposite for Supercapacitor Applications  
**AUTHOR/S** : Rajiv Kumar  
**JOURNAL** : Proceedings of the 1st International Conference on Materials and Thermo physical Properties. Springer Proceedings in Physics (SPPHY, volume 311).

**TITLE** : Fostering an Intellectual Property Culture in Higher Educational Institutions: From Awareness to Action  
**AUTHOR/S** : Rishi Vyas  
**JOURNAL** : Proceedings of International Conference on "IP Nexus 2025: Safeguarding Innovation and Creativity", August 2025 ISBN No.: 978 81-969799-6-6, pp. 27-31.

**TITLE** : Artificial Intelligence and Intellectual Property Rights in India: Challenges, Opportunities, and Legal Evolution  
**AUTHOR/S** : Ajay Kumar Sharma, Rajiv Kumar, Pawan Kumar Jain  
**JOURNAL** : Proceedings of International Conference on "IP Nexus 2025: Safeguarding Innovation and Creativity", August 2025 ISBN No.: 978 81-969799-6-6, pp. 43-44.

**TITLE** : Safeguarding Creativity: Contemporary IP Issues Facing Digital Artists in India  
**AUTHOR/S** : Manasvi Dixit  
**JOURNAL** : Proceedings of International Conference on "IP Nexus 2025: Safeguarding Innovation and Creativity", August 2025 ISBN No.: 978 81-969799-6-6, pp. 62-63.

## FDP ATTENDED

TITLE	: Five-day International FDP on "Ethical Application of AI in Higher Education for Teaching, Research and Administrative Work"
DATE	: 08-17 September, 2025
VENUE	: Eudoxia Research University, ERU-USA & Eudoxia Research Centre (ERC) India. Virtual
ATTENDED BY	: Brajraj Sharma, RishiVyas, Rajiv Kumar

## STTP/WORKSHOP ATTENDED

TITLE	: Two days National e-Workshop titled "Scientific and Mathematical Solutions from Indian Knowledge (IKS)"
DATE	: 03-04 November, 2025
VENUE	: Online. Organized by St. Wilfred's College for Girls, Jaipur in Collaboration with NUCLIFC Education, Coimbatore, Tamilnadu.
ATTENDED BY	: Brajraj Sharma
TITLE	: One day International Workshop titled "Defining Research and Innovation Strategy for Excellence"
DATE	: 30 October, 2025
VENUE	: Maryam Abacha American University of Nigeria. Virtual
ATTENDED BY	: Rajiv Kumar
TITLE	: Five days Workshop titled "Smart Cities: Integration of Technology for Sustainable Urban Development"
DATE	: 3-7 November, 2025
VENUE	: Birla Institute of Technology Mesra, Off Campus Jaipur
ATTENDED BY	: Komal Sharma

## DEPARTMENT OF CHEMISTRY

### FDPs ATTENDED

TITLE	: Emerging Research and Innovations in AI applications in Mathematics, Bio-
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DATE	: 26 June to 2 July, 2025
ATTENDED BY	: Dr. Anurag Sharma
ORGANIZED BY	: NIET, NIMS University, Jaipur
TITLE	: Ethical Application of AI in Higher Education for Teaching, Research and Administrative Work
DATE	: 8 September to 17 September, 2025
ATTENDED BY	: Dr. Anurag Sharma
ORGANIZED BY	: Eudoxia Research Centre, ERC-India

## WORKSHOPS ATTENDED

TITLE	: National Workshop on Constructing MCQs Quality and Precautionary Measures
DATE	: 31 October to 1 November, 2025
ATTENDED BY	: Dr. Swati Joshi, Dr. Poonam Ojha
ORGANIZED BY	: S. S. Jain Subodh P.G. Mahila Mahavidyalaya, Rambagh, Jaipur

## DEPARTMENT OF MATHEMATICS

### FDP/STTP) ATTENDED

TITLE	: FDP on Research Methods and Data Analysis Using SPSS
DATE	: 26-05-2025 to 30-05-2025
VENUE	: Department of Management Studies, SKIT
ATTENDED BY	: Vivek Vijay, Vijay Kumar Singhal
TITLE	: FDP on Demystifying Personal Finance: How to Think and Invest Like a Pro
DATE	: 19-05-2025 to 23-05-2025
VENUE	: Department of Management Studies, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur (Rajasthan)
ATTENDED BY	: Vivek Vijay, Vijay Kumar Singhal
TITLE	: FDP on Advancements on AI & ML, IOT, Cyber Security and Cloud Computing
DATE	: 23-06-2025 to 27-06-2025

VENUE	: Faculty of Computer Science and Application VGU, CDAC Mohali	VENUE	: Department of Information Technology Sri Sairam Institute of Technology
ATTENDED BY	: Vivek Vijay	ATTENDED BY	: Surbhi Sharma, Amit Dadheech, Jyoti Arora
TITLE	: FDP on Recent Advancements in Artificial Intelligence (AI) & ML	TITLE	: FDP on AI, ML and Deep Learning for Autonomous Vehicles
DATE	: 30-06-2025 to 04.07.2025	DATE	: 28.07.2025 to 01.09.2025
VENUE	: Department of ECE, St. Joseph College of Engineering	VENUE	: NIT, Karnataka
ATTENDED BY	: Vivek Vijay	ATTENDED BY	: Surbhi Sharma, Amit Dadheech, Jyoti Arora
TITLE	: FDP on Bio-Inspired Computing and Intelligent Optimisation: Bridging Nature and AI	TITLE	: FDP on Deep Learning, Gen AI, and Their Applications in Agriculture
DATE	: 21.07.2025 to 26.07.2025	DATE	: 11.09.2025 to 18.09.2025
VENUE	: Department of IT, Sri Sairam Institute of Technology	VENUE	: Department of Computer Science and Engineering, Tezpur University
ATTENDED BY	: Vivek Vijay	ATTENDED BY	: Surbhi Sharma, Amit Dadheech, Jyoti Arora
TITLE	: FDP on Recent Trends on AI - Text, Vision & Hardware Implementation Model	TITLE	: FDP on Recent Trends on AI, ext vision and Hardware Implementation Models
DATE	: 28-08-2025 to 02-09-2025	DATE	: 28.08.2025 to 02.09.2025
VENUE	: Department of ECE, Panimalar Engineering College	VENUE	: Department of ECE Panimalar Engineering College.
ATTENDED BY	: Vivek Vijay	ATTENDED BY	: Surbhi Sharma, Amit Dadheech, Jyoti Arora
TITLE	: FDP on Artificial Intelligence and Machine Learning	TITLE	: FDP on Transcending Mathematics Theoretical Escalation Interdisciplinary and Industrial Innovations
DATE	: 15-09-2025 to 19.09.2025	DATE	: 21.07.2025 to 25.07.2025
VENUE	: Department of Computer Science and Engineering, Rajiv Gandhi University	VENUE	: Department of Mathematics, Amity University Kolkata
ATTENDED BY	: Vivek Vijay	ATTENDED BY	: Surbhi Sharma, Amit Dadheech, Jyoti Arora
TITLE	: FDP on Generative AI with LLM		
DATE	: 07.07.2025 to 11.07.2025		
VENUE	: NIT, Karnataka		
ATTENDED BY	: Surbhi Sharma, Amit Dadheech, Jyoti Arora		
TITLE	: FDP on Advances on Biomedical Instrumentation Bridging Engineering and Healthcare		
DATE	: 14.07.2025 to 18.07.2025		
VENUE	: Department of Electronics and Communication Engineering, School of Engineering Presidency University, Bengaluru		
ATTENDED BY	: Surbhi Sharma, Amit Dadheech, Jyoti Arora		
TITLE	: FDP on Bio inspired Computing and Intelligent Optimisation, Bridging Nature and AI	AUTHOR	: Shiv Priya
DATE	: 21.07.2025 to 26.05.2025	CONFERENCE	: International Conference on Embracing the Paradigm Shift: Navigating the Interdisciplinary

## DEPARTMENT OF ENGLISH

### PAPER PRESENTED IN THE CONFERENCE

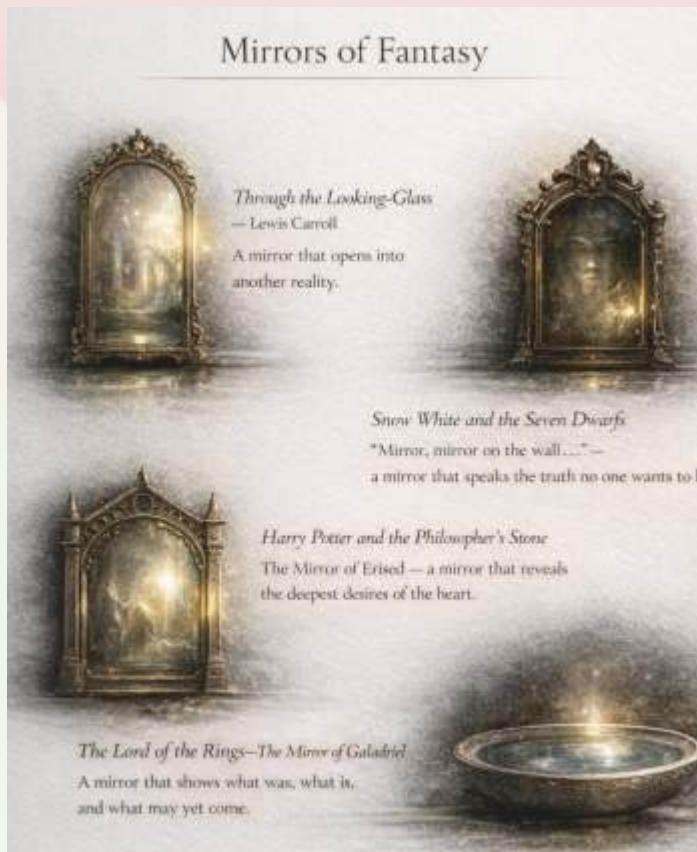


TITLE	: Beyond Patriarchy: Gender Roles, Struggles, and Societal Disillusionment in Mohan Rakesh's Halfway House
AUTHOR	: Shiv Priya
CONFERENCE	: International Conference on Embracing the Paradigm Shift: Navigating the Interdisciplinary

## FDPs ATTENDED



TITLE	: FDP on Innovative Pedagogies and Research Frontiers in English Language and Literature: Empowering Educators for Holistic Classroom Excellence.
DATE	: 21.7.25- 27.7.25
ATTENDED BY	: Sheeba Anjum
ORGANIZED BY	: Kongu Arts and Science College, Erode



## PAPERS PUBLISHED IN JOURNAL

### DEPARTMENT OF PHYSICS

TITLE	: Reconfigurable Truncated E-Shape Electromagnetic Gap-Coupled Antenna with Air Gap and Switch Configurations for Widband Wireless Applications
AUTHOR/S	: Komal Sharma
JOURNAL	: Journal of Nano and Electronic Physics 17 (2025) 03036.

### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

TITLE	: A systematic literature review of the global trends of outcome-based education (OBE) in higher education with an SDG perspective related to engineering education
AUTHOR/S	: Mehul Mahrishi
JOURNAL	: Discover Sustainability, Volume-6, Page No. 620

TITLE	: Quantum-resilient cryptographic schemes using multivariate polynomial lattices
AUTHOR/S	: Pankaj Dadheech

JOURNAL	: Journal of Discrete Mathematical Sciences and Cryptography, Volume-28, Issue-6, Page No. 2489-2497
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TITLE	: Enhancing crypto-interoperability resilience (CIR) by bridging the gap between classical and post-quantum cryptographic standards	TITLE	: Enhancing Coastal Embankment Performance through Numerical Modelling and Taguchi Optimization
AUTHOR/S	: Pankaj Dadheeck	AUTHOR/S	: Pankaj Gupta and Saurabh Singh
JOURNAL	: Journal of Discrete Mathematical Sciences and Cryptography, Volume-28, Issue-6, Page No. 2477-2488	JOURNAL	: Geotechnical and Geological Engineering, October 2025
TITLE	: Lightweight HECC-DWT-based secure image encryption with integrity verification and access control	TITLE	: Durability Assessment of Waste-Derived Mortar Binders in Marine and Sulphate-Rich Environments: A Case of Glass Powder and Copper Slag
AUTHOR/S	: Pankaj Dadheeck	AUTHOR/S	: Kishan Lal Jain
JOURNAL	: Journal of Discrete Mathematical Sciences and Cryptography, Volume-28, Issue- 5-B, Page No. 2175-2185	JOURNAL	: Jordan Journal of Civil Engineering, October 2025
TITLE	: Cyber security with blockchain-based cyber-physical system for key generation in medi-cloud computer systems	TITLE	: Seismic performance of base-isolated frame under main and aftershocks
AUTHOR/S	: Pankaj Dadheeck	AUTHOR/S	: Aditi Shivachandra Vibhute
JOURNAL	: Discover Sustainability, Volume-6, Page No. 2081-2092	JOURNAL	: Journal of Vibration Engineering & Technologies, October 2025
TITLE	: Data-driven, transparent synthesis of lattice-based cryptosystems with hybrid security verification	TITLE	: Review of CBR Value Enhancement Using Geosynthetics
AUTHOR/S	: Pankaj Dadheeck	AUTHOR/S	: Bharathi M
JOURNAL	: Journal of Discrete Mathematical Sciences and Cryptography, Volume 28, Issue No. 5 B, Page No. 620	JOURNAL	: SKIT Research Journal, Vol. 15 (1), 2025
TITLE	: Manifold learning and differential geometry for disease detection and risk prediction	TITLE	: River Discharge Estimation Using Maximum Depth-Averaged Velocity: The Case Study of the Godavari River Basin
AUTHOR/S	: Pankaj Dadheeck	AUTHOR/S	: Jitendra Kumar Vyas, Sitaram Saini, Akash Johari, Pooja Jain, Pawan Patidar
JOURNAL	: Journal of Interdisciplinary Mathematics, Volume 28, Issue 6, Page No. 2059-2069	JOURNAL	: SKIT Research Journal, Vol. 15 (1), 2025
TITLE	: Short Column Effect	TITLE	: Water Resource Management in Western Rajasthan : Challenges and Strategies Review
AUTHOR/S	: Sunita Tolani and Pooja Gupta	AUTHOR/S	: Jitendra Kumar Vyas, Pooja Jain, Dinesh Kumar Sharma
JOURNAL	: SKIT Research Journal, Vol. 15 (1), 2025	JOURNAL	: SKIT Research Journal, Vol. 15 (1), 2025

## DEPARTMENT OF CIVIL ENGINEERING

TITLE	: Evaluating Long-Term Stability of Embankments on Soft Soils: A Numerical Study with Taguchi Optimization
AUTHOR/S	: Pankaj Gupta and Saurabh Singh
JOURNAL	: Indian Geotechnical Journal, September 2025



## DEPARTMENT OF INFORMATION TECHNOLOGY

TITLE	: Docker-Based Virtualization for Cyber Physical Systems: A Comparative Analysis
AUTHOR/S	: Vipin Jain, Baldev Singh, Nilam Choudhary
JOURNAL	: Advanced Computing Techniques in Engineering and Technology
TITLE	: Machine learning on simulation study of UV photodetector parameter based on MgZnO thin-film transistor
AUTHOR/S	: Manju Choudhary, Lava Bhargava, C. Periasamy
JOURNAL	: MRS Advances, Springer
TITLE	: Lightweight HECC-DWT-based secure image encryption with integrity verification and access control
AUTHOR/S	: Anshika Malsaria Mr. Vijay Kumar Sharma, Pankaj Dhadheech. Praveen Kumar Yadav, Sanwta Ram Dogiwal
JOURNAL	: Journal of Discrete Mathematical Sciences and Cryptography
TITLE	: Predictive Lead Scoring for Sales and Marketing Alignment: Using Machine Learning to Prioritize Leads
AUTHOR/S	: Sanwta Ram Dogiwal. Pankaj Dadheech
JOURNAL	: The Indian Journal of Technical Education (IJTE)

## DEPARTMENT OF ECE

TITLE	: Impact of temperature on the performance of efficient GaInP single-junction solar cells with double back surface field
AUTHOR/S	: Ramesh Kumar, Praveen Kumar Jain
JOURNAL	: MRS Advances 10, 1536–1544, September 2025

## DEPARTMENT OF MATHEMATICS

TOPIC	: Thermal transport of 3D magnetohydrodynamic Jeffrey Ternary hybrid nano fluid over an exponentially stretching surface along convective boundaries
AUTHOR/S	: Amber Srivastava, Deepika Jain, Sumit Gupta
JOURNAL	: Thermal Advances, Elsevier (Science Direct)
TOPIC	: Linguistic Sustainability: An Innovative Technique for Simulating Constant and Variable Fractional-Order Dynamics
AUTHOR/S	: Deepika Jain, Sumit Gupta
JOURNAL	: Mathematical Methods in the Applied Sciences, Wiley
TOPIC	: EMHD Flow of MoS <sub>2</sub> /GO 3D hybrid nanofluid with gyro tactic microorganisms and Cattaneo-Christov heat model
AUTHOR/S	: Deepika Jain, Sumit Gupta, Vijay Kumar Singh
JOURNAL	: International Journal of Ambient Energy, Taylor and Francis

## DEPARTMENT OF ENGLISH

TOPIC	: Linguistic Sustainability: An Innovative Technique for Simulating Constant and Variable Fractional-Order Dynamics
AUTHOR/S	: Sheeba Anjum, Neha Purohit
JOURNAL	: Mathematical Methods in the Applied Sciences, Wiley
TITLE	: Beyond Patriarchy: Gender Roles, Struggles, and Societal Disillusionment in Mohan Rakesh's Halfway House
AUTHOR	: Shiv Priya
JOURNAL	: Rajasthan University Studies in English (RUSE) Volume 1; Issue 1, 2025
TITLE	: A Study of Lesbian Desire and Identity in Mita Balani's Breaking Norms
AUTHOR	: Shiv Priya, & Keshav Nath
JOURNAL	: Science and Culture, Volume 91; Issue 5–6, 2025

*A mirror to your moments*

Life is like an open gate,  
Where things arrive and drift away each day.  
Some linger a while, some quietly stray,  
Leaving whispers of what they came to say.

A mirror too can do the same,  
If we open our hearts to its way.  
It shows our truth without delay,  
And lights the path we walk each day.

We look to see our faces bright,  
To check if everything seems right.  
Yet few will glimpse the other side,  
Where feelings and thoughts quietly hide.

Life teaches us in strange ways,  
When troubles come, they shake our days.  
They test our courage with every swing,  
Yet guide our hearts toward better things.

Hard times make each bond fall apart,  
Those we cherish slowly move apart.  
Old promises blow away like sand in storm;  
Quiet wounds deepen and lone hearts mourn.

One by one, people drift and depart,  
And lonely hope stands and trembles the heart.  
Still we gather courage and outshine again,  
Like a rainbow in cloud and rain.

When we're alone, no hand reaches our side,  
Even familiar hearts step back and hide.  
Shadows grow longer as we stand outside,  
Silence becomes the place where fears reside.

But then a sudden spark begins to shine,  
Frozen moments slowly fall back in line.  
Warmth returns softly, gentle by design,  
Life moves again, flowing in its own rhyme.

A simple mirror can show much more,  
A wider view we cannot ignore.  
The things we think have little worth  
Can mean the most on this wide earth.

Some things that shine are not the best.  
True value lives within our nest  
No money can ever buy or replace  
The love and peace of our inner space.

AJO GEORGE MATHEWS  
CSE, II YEAR

## Two Mirrors, One India

Every day, India looks into two mirrors. The first mirror is full of light. In the last ten years, the country added more than 50,000 km of national highways—building almost 34 km every single day. Thirteen new airports came up, and passenger traffic crossed 220 million a year. Chandrayaan-3 touched the moon's south pole in 2023, the first country to do so. Indian factories now assemble iPhones, and home-grown 5G networks reach even small towns. The economy crossed \$3.7 trillion and is on its way to \$4 trillion soon.

Indian-origin CEOs head Microsoft, Google, Adobe, and IBM. This is the India that makes headlines and hearts proud. The second mirror is still there, unfiltered. Official government data for 2023 records 11,290 farm suicides—roughly 31 farmers every day. NCRB says over 60 crore Indians live on less than ₹200 a day. NSSO surveys show 23 crore people want work but cannot find regular jobs. Even in 2025, 35 % of rural households have no piped drinking water, and one in three primary health centres runs short of basic medicines at least once a month. These numbers are not from old reports; they are today's reality. Both mirrors are accurate. Both show India right now.

A nation becomes great not by turning away from the darker reflection, but by placing both mirrors side by side and working every single day until the second one starts catching the same light as the first. That work is still on.

LAKSHYA AGARWAL  
IT, II Year

# Reflect your true style

# Shadows of Eternity

*A little more light you need in your life,  
To be happy and set things all right;  
But this change of weather  
Must come from within,  
To enlighten you out and in.  
Don't listen to good things for the sake of listening,  
Listen to them if they make you feel good.  
Stop living in other people's versions of happiness,  
No, build your own.  
The threads of dreams lie impending,  
Waiting to be sown.  
Fulfill the needs of the needy  
Instantaneously, you'll be happy.  
Try to deal with those who are incorrigible,  
Understand the emotion lying underneath, don't always go  
logical.  
Moreover, let your experience be the teaching you preach,  
Make your reach...  
Make your reach...*

*Aahna Kashiva  
CIVIL, I YEAR*

## The Mirror of Science and the Fear of Self-Recognition



Modern humanity stands before its most unsettling mirror yet.

Artificial intelligence.  
For the first time, we are not just observing intelligence — we are attempting to reproduce it. This forces an uncomfortable question:

If intelligence can be simulated, what does that say about us?

AI mirrors cognition stripped of emotion. Efficiency without empathy. Pattern recognition without meaning.

Our fascination and fear reveal the same thing: uncertainty about what makes us human.

Technology has always mirrored limitation.  
AI mirrors identity anxiety.

We are no longer just asking how the world works.  
We are asking whether we are as unique as we believed.

## THE INNER MIRROR CONSCIOUSNESS WATCHING ITSELF



Human consciousness is unique not because it thinks — but because it knows that it thinks.

The mirror becomes the first object that confirms this awareness. A child recognizes itself in reflection, and in that moment, something irreversible happens: identity is born. But identity is not essence. It is construction. Every mirror encounter thereafter reinforces a subtle fiction — that the image we see is stable, continuous, and whole.

It is not.

Inside every individual exists:

- The self that acts
- The self that observes
- The self that judges
- And the self that remains unspoken

The mirror collapses these layers into a single image. That collapse is convenient, but it is also misleading. Why does prolonged self-reflection sometimes create anxiety instead of clarity?

Because the longer we look, the more we sense what is missing. The mirror cannot show exhaustion carried quietly. It cannot show moral conflict. It cannot show grief stored carefully so it doesn't interfere with functioning.

The hollowness we feel when reflection feels "empty" is not absence — it is compression. Too much experience forced into too little surface.

To go through the inner mirror is not to seek affirmation, but to accept fragmentation as natural. Wholeness is not unity; it is coexistence of contradictions without denial.

Small threats become existential. Large failures become invisible. Complex issues become slogans. This is why political language is never neutral. Words like nation, security, development, freedom are mirrors without frames — each viewer sees what their fear or hope projects onto them.

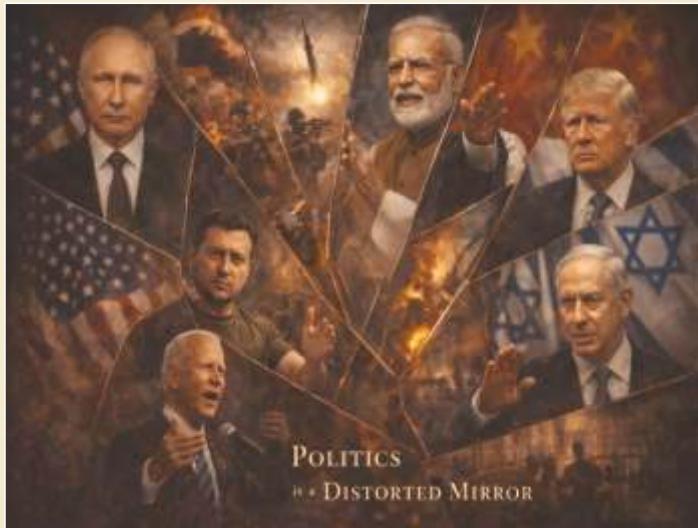
Ask yourself:

Why do societies polarize most intensely when mirrors multiply?

Because multiple distorted reflections collide, and consensus collapses. Each group believes it is seeing "clearly," unaware that clarity itself has been engineered.

To go through the political mirror is not to disengage — it is to recognize that power's greatest weapon is not force, but framing.

## Politics as a Distorted Mirror: Power Deciding What Is Seen



Politics is not the mirror of society.  
It is the curator of mirrors.

Every political system understands one truth instinctively: people do not respond to reality — they respond to representation. And so politics does not merely govern actions; it governs perception.

What is amplified becomes urgent.  
What is repeated becomes real.  
What is omitted quietly disappears.

A distorted mirror does not lie outright. It bends proportion.

## The Final Passage: Walking Through, Not Looking Back



At some point, reflection must end.

A mirror is a tool, not a destination.  
To remain staring is to stagnate.  
To move through is to accept responsibility.

This theme is not asking you to reject mirrors — but to outgrow dependence on them.

Use reflection to understand.  
Then act without needing validation.  
The self is deeper than appearance.  
Society is more complex than narrative.  
History is richer than slogans.  
Truth is larger than representation.

To go through the mirrors is to recognize that meaning does not sit on surfaces.

It is built — slowly, painfully, consciously — beyond the glass.

The Hall of Mirrors was power watching itself endlessly. A feedback loop of authority. A space designed not for reflection, but for reinforcement.

Ancient Indian Architecture: Inquiry in Stone

Observatories like Jantar Mantar were not monuments of dominance, but of humility — humanity acknowledging its smallness before cosmic order.

Architecture tells us how power, curiosity, and fear organize space.

## ARCHITECTURE AS PSYCHOLOGICAL IMPRINT



Architecture is where ideology stops pretending.

Unlike speeches or texts, buildings cannot revise themselves. They stand — silently declaring the values that produced them.

Brutalism in the USSR: The Mirror of Collectivist Psychology  
Brutalist architecture did not aim to inspire comfort or intimacy. It aimed to endure. Concrete was chosen not just for economy, but for symbolism: permanence, uniformity, resistance to decay.

The repetition of blocks, the absence of ornament, the suppression of individuality — all reflected a worldview where:

- The collective outweighed the individual
- Function mattered more than beauty
- Survival mattered more than expression

These buildings were not failures of imagination. They were accurate reflections of political psychology.  
People often call Brutalism “soulless.” But that judgment misunderstands its honesty. It showed a society prioritizing endurance over joy — and that, too, is a form of truth.  
Versailles: Narcissism Crystallized

## Revolution as a Mirror: Gen Z and Nepal



Revolutions do not always begin with ideology. Sometimes they begin with disillusionment.

The recent Gen Z movements in Nepal are not merely political uprisings — they are generational mirrors. A young population looking at inherited systems and refusing to accept decay as destiny.

This generation did not revolt because they lacked patience.

They revolted because they saw too clearly. Corruption, stagnation, broken promises — these were not abstract issues. They were daily reflections of a system that had stopped listening to its future.

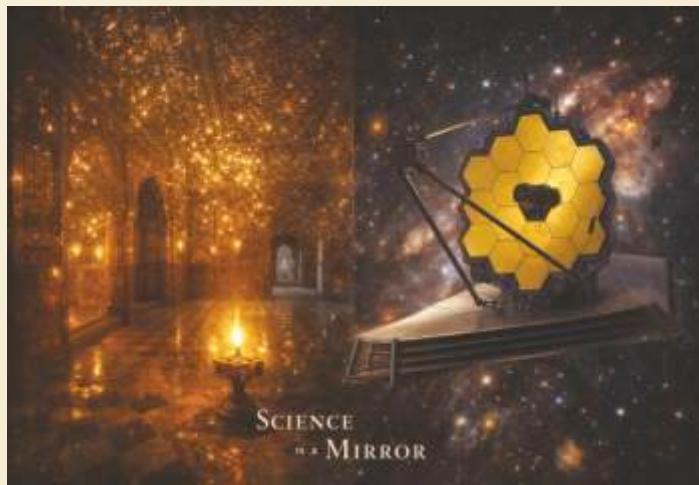
What makes this movement significant is not scale, but consciousness. It is a generation fluent in global language, local pain, and moral clarity.

Gen Z in Nepal did what mirrors always provoke when reflection becomes unbearable — they stepped away and demanded reconstruction.

Revolutions are mirrors that crack.

They appear when the image no longer aligns with lived reality.

## Science and Technology: Humanity Reflecting Its Limits



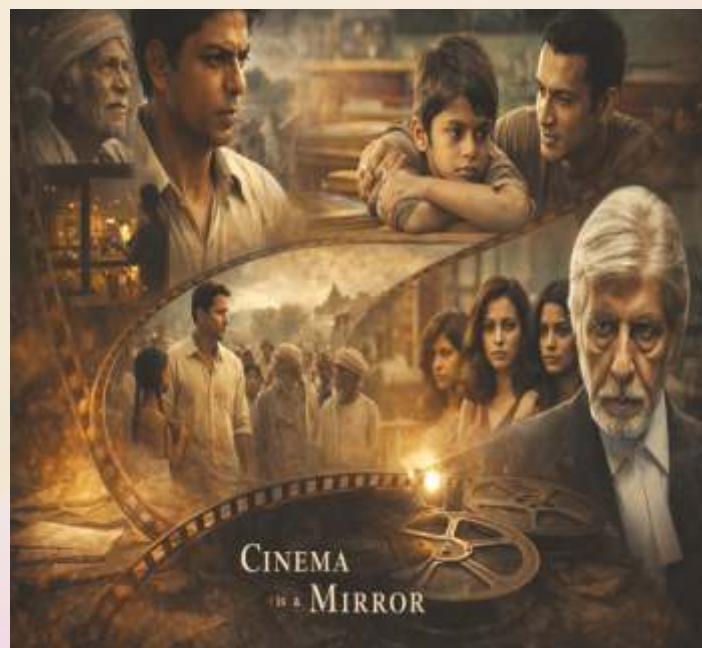
Consider the physical structures we build. Humanity is obsessed with light, drawn to the illumination of our own ingenuity. This is evident in the juxtaposition of the Sheesh Mahal in Jaipur and the James Webb Space Telescope. The Sheesh Mahal used mirrors to turn a single flame into a constellation, an artistic attempt to capture the infinite here on Earth. In contrast, the James Webb's hexagonal mirrors look back in time, capturing light from the dawn of the universe.

Science is humanity staring at the unknown and refusing to blink. It is perhaps the clearest mirror of all—one that reflects our capability and curiosity, but also delivers a dose of necessary humility. Every scientific era studies what unsettles it most: ancient societies studied time, industrial societies studied matter, and digital societies study intelligence itself.

Our technology mirrors our desires: speed reflects impatience, data reflects insecurity, and AI reflects our curiosity about consciousness. In this way, we are not merely creating tools; we are externalizing questions. Science does not answer who we are—it reveals what we are unsure about. Every new discovery is humanity looking in the mirror,

realizing the extent of our potential while understanding how small we are in a vast, beautiful design. And isn't there something strangely comforting in being a small but conscious observer of it all?

## Cinema as Emotional Archive



Some films entertain us for two hours.

Others follow us home.

Cinema, at its most powerful, is not escapism—it is confrontation.

Swades did not offer spectacle. It offered a mirror. A quiet one. One that reflected forgotten villages, moral responsibility, and the uneasy relationship between comfort and conscience.

Why do such films feel uncomfortable yet necessary? Because they do not allow us to remain spectators. They invite us into the reflection.

Cinema, in this sense, becomes a moral surface—showing societies what they are becoming, what they have abandoned, and what still waits to be reclaimed.

We don't remember these films because they were perfect. We remember them because they were honest.

## SOCIETY AS A MIRROR: Collective Psychology Made Visible



Societies behave like individuals with long memories.

They repress trauma.  
They ritualize fear.  
They aestheticize survival.

Culture is not created deliberately — it emerges. And whatever emerges is always a mirror of what a society is processing internally.

After pandemics, people seek softness. After wars, they seek order. After economic collapse, they seek meaning. After technological overload, they seek authenticity. Why does minimalism appear cyclically after excess? Why does rebellion follow prolonged conformity? Because societies oscillate between extremes to correct imbalance — just like the human psyche.

Language changes. Humor darkens. Art becomes ironic or raw. Music slows down or grows aggressive. These are not coincidences. They are signals.

When you look at culture closely, you are not seeing trends — you are seeing symptoms.



## History as a Mirror: Ancient India Looking at Itself



History is not merely a record of events. It is a mirror through which civilizations tried to understand themselves. Ancient Indian history is often flattened into dates and dynasties. But when viewed philosophically, it reveals something far more profound: a civilization obsessed with continuity rather than conquest.

Vedic Civilization: Consciousness as Central Axis

The Vedic worldview did not begin with kings or empires — it began with *rita*, cosmic order. Society was organized around alignment with natural and moral law rather than mere territorial dominance.

The emphasis on *yajña*, cycles, and dharma reflects a society attempting to mirror the universe within social structure.

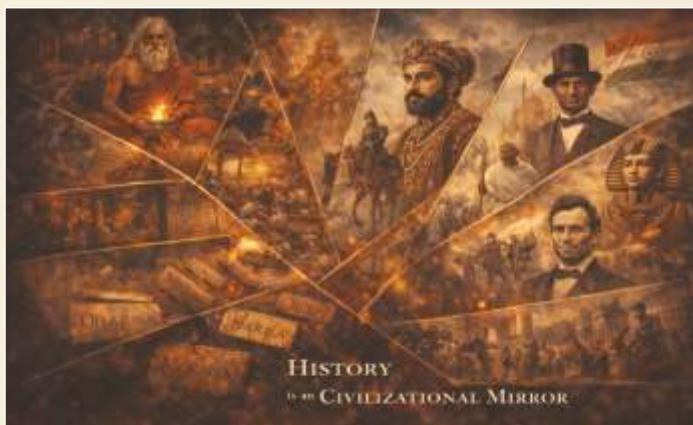
The Indus–Sarasvati Civilization: Order Without Ostentation Urban planning, sanitation, standardized bricks — these were not symbols of power, but of collective discipline. The absence of grand palaces suggests a civilization less concerned with hierarchy and more with stability.

Classical India: Knowledge as Prestige

From mathematics to astronomy, metallurgy to medicine, ancient India reflected a belief that knowledge itself was sacred. Universities like Takshashila were not vocational — they were civilizational mirrors, places where society examined its own intellectual limits.

History here is not triumphalist. It is introspective. A civilization asking: How should humans live in alignment with the cosmos?

## History Revisited: Memory as Civilizational Mirror



History is not what happened.  
History is what survived reflection.  
Every civilization chooses what to remember — and what to forget. This selection reveals more about the present than the past.

Ancient India's historical continuity is remarkable not because it avoided collapse, but because it absorbed change without erasing memory. Invasions, dynasties, religious shifts — yet philosophical vocabulary endured.

Concepts like dharma, karma, moksha were not frozen doctrines. They evolved — adapting without disintegrating. This is civilizational resilience: the ability to look at oneself across centuries and still recognize continuity beneath change.

History here is not a mirror of pride.  
It is a mirror of intellectual stamina.

### Did you know?



The Aztecs believed obsidian mirrors could see the past, the future, and the gods.

In ancient China, bronze mirrors symbolized protection and cosmic balance.



## Silence as the Anti-Mirror



Every civilization that survived learned one thing mirrors cannot teach:  
Silence.

Ancient India preserved silence through meditation.  
Philosophy preserved silence through negation (neti neti).  
Science preserves silence through doubt before hypothesis.  
Silence is not emptiness.

It is unreflected space.  
In silence, identity loosens.  
In silence, ideology weakens.  
In silence, clarity emerges without distortion.

This is why the most profound truths rarely announce themselves. They arrive when reflection pauses.  
Mirrors show.

Silence understands.

## Our History and The Cosmos



## The Danger of Mirrors: When Reflection Replaces Living



There is a danger hidden inside reflection. Mirrors, when relied upon too much, begin to replace experience. We start living for the reflection instead of through reality. The modern world has perfected this trap.

We ask:

- How does this look?
- How will this be perceived?
- How will this be remembered?
- Rarely do we ask:
- How does this feel while happening?
- Is this true even if unseen?
- Would this matter if unrecorded?

This is the silent cost of constant reflection. Life becomes rehearsal. Identity becomes performance. Conviction becomes optics.

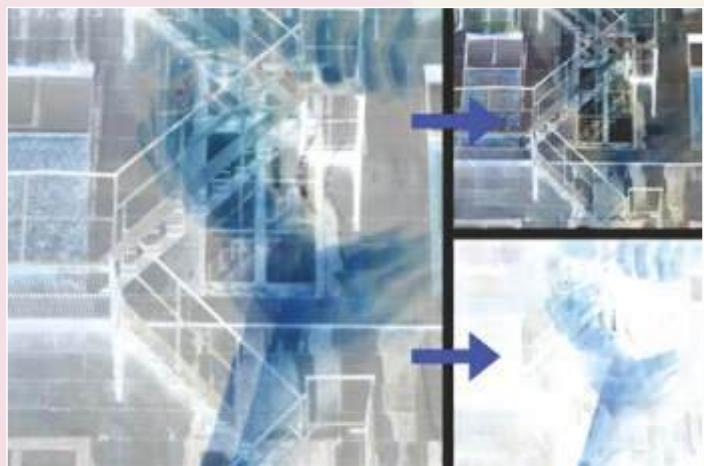
Even revolutions risk this danger — when symbolism replaces substance, when visibility replaces transformation.

To go through the mirror requires courage because it demands action without applause.

### Fashion as a Mirror of Society



## The Reader's Mirror



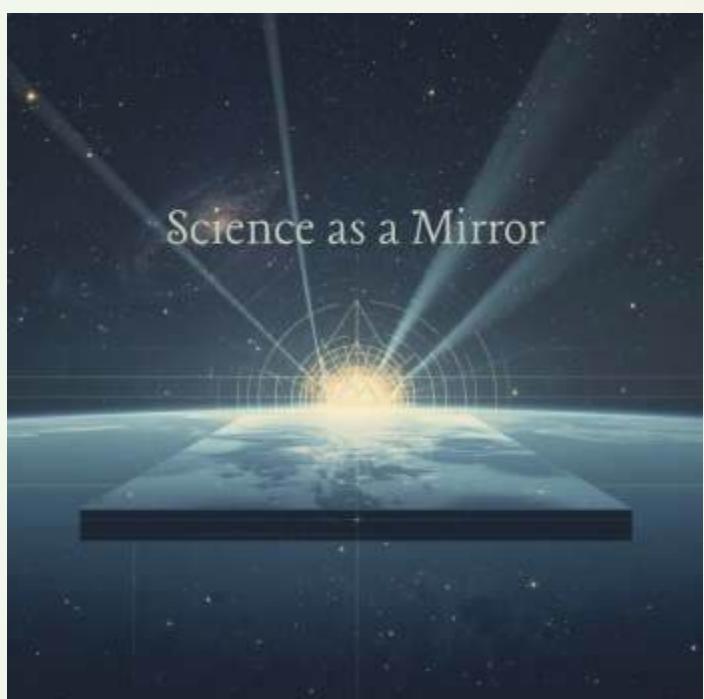
At this point, the mirror is no longer external. It is you.

This theme does not exist to be admired. It exists to provoke a question that cannot be outsourced:

What am I reflecting — and why?  
Are your beliefs inherited or examined?  
Is your anger reactive or conscious?  
Is your identity chosen or assembled for survival?  
The moment a reader asks these questions, the theme succeeds.

Because the deepest mirrors are not objects. They are realizations.

### Science as a Mirror



# हिन्दी अनुभाग

## आईजा

कभी सोचा है हम सभी को काँच इतना पसंद क्यों होता है ?

पसंद इसलिए क्योंकि

आखिर फरक है ही कहाँ हम दोनों में

काँच हमें हमारी बाहरी सुंदरता दिखाता है

और हम खुद भी तो कहाँ उसे बाहर आ पाते हैं

कभी सोचा है ??

कि बार-बार खुद से सवाल क्यों करने लगा जाते हैं ??

क्या हम खुद को नहीं पहचानते.

क्या हम इतने अनजान हैं खुद ही के मामले में

अच्छा हुआ तो खुश हो जाते हैं

और हार गए तो दुखी ,

पर उसके पीछे की गई मेहनत, त्याग और संर्धा ये काँच क्यों हमें दिख नहीं पाता ??

क्यों भूल जाते हैं हम ??

कि हमारा काँच हम ही तो हैं ??

बाकी सब तो मोह-माया है.....

युक्ति अगरवाल

आई. ओ. टी. द्वितीय वर्ष

## मुझे एक नया गाँव चाहिए

मुझे एक नया गाँव चाहिए,  
जहाँ सुबह, शाम और रात का कोई बंधन न हो,  
जहाँ मेरे कपड़ों पर सवाल न उरें,  
जहाँ सूरज ढलने के बाद भी मैं महफूज रह सकूँ,  
जहाँ मेरी जिंदगी मेरे ही तरीके से मैं जी सकूँ।

मुझे एक नया गाँव चाहिए,  
जहाँ मैं बेड़िज़ाक तुम्हारा हाथ पकड़कर चल सकूँ,  
जहाँ बिना रोक-टोक मैं तुमसे आकर मिल सकूँ,  
जहाँ हमारी बातें फिक्रों से आजाद हों,  
जहाँ हम खुलकर, बेखौफ एक-दूजे से जुड़ सकें।

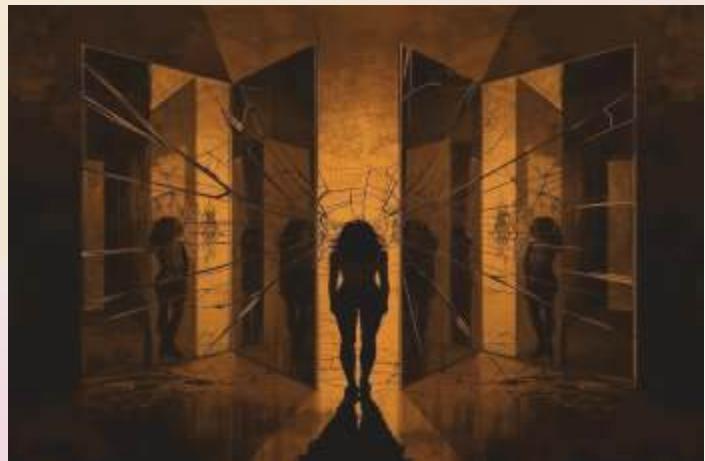
मुझे अब एक नया गाँव चाहिए,  
जहाँ विचारों को कैद में न रखा जाए,  
जहाँ समाज की आँखों से न डरना पड़े,  
जहाँ जाति और धर्म की दीवारें न हों,  
जहाँ वाकई मैं मेरा ( स्त्री का ) सम्मान हो ।

मुझे एक नया गाँव चाहिए,  
जहाँ हँसी को बेखौफ खिलने का हक मिले,  
जहाँ खाबों को खुला आसमान मिले,  
जहाँ घर की चौखट कैद की सलाखें न बने,  
जहाँ प्यार इजाजत का मोहताज न रहे ।

मुझे वो गाँव चाहिए,  
जहाँ लड़कियाँ के जन्म पर शंख बजे,  
जहाँ बेटियाँ को घर का आँगन मिले,  
जहाँ रिश्ते बोझ नहीं, आजादी का गीत बने,  
जहाँ इजजत के नाम पर साँसें न रोकी जाएँ ।  
मुझे ऐसा संसार, वतन या शहर नहीं,  
मुझे ऐसा संसार, वतन या शहर नहीं,

मुझे बस, एक नया गाँव चाहिए,  
जहाँ मैं अपने सपनों को जी सकूँ,  
जहाँ मैं सिर उठाकर खुद को देख सकूँ।  
मुझे एक नया गाँव चाहिए ॥

डॉ. शिव प्रिया  
सहायक प्रोफेसर, अंग्रेजी विभाग



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Ramnagar, Jagatpura, Jaipur - 302017, INDIA)*

Approved by AICTE, Ministry of HRD, Government of India  
Tel. : +91-0141-560400 Fax: +91-0141-2759555

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**SWAMI KESHVANAND INSTITUTE OF PHARMACY**

*(Approved by Pharmacy Council of India (PCI), AICTE New Delhi & Affiliated by  
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Phone : +91 141 5160495 | Email: [skipjaipur@gmail.com](mailto:skipjaipur@gmail.com)

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