



THE SKIT TIMES

ANNUAL ISSUE

ISSUE NO. 60
2024-25

LIFE

The Road Not Taken

Choosing your own path in life

WORK



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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THE EDITOR SPEAKS

THE ROADS LESS TRAVELLED: OUR JOURNEY TO 25 YEARS

As we commemorate our institution's silver jubilee, marking 25 years of dedicated service to education, we reflect on the journey that has brought us to this milestone. This Annual edition of our magazine, themed "The Road Not Taken," is a poignant reminder of the choices and paths we've traversed as an institution and as individuals. Over the past quarter-century, we've navigated numerous challenges, seized opportunities, and forged our own path. We've taken the road less travelled, innovating and adapting to the ever-changing landscape of education. Our commitment to excellence has been the guiding force behind our endeavours, shaping us into the institution we are today.

This theme serves as a metaphor for our institution's growth and evolution. We've encountered crossroads, made tough decisions, and explored new horizons. Through it all, we've remained steadfast in our pursuit of academic excellence and student success. As we celebrate this significant milestone, we honour the roads we've taken and those we've left untraveled. We acknowledge the collective efforts of our faculty, staff, students, and alumni who have contributed to our journey.

As we look to the future, we're excited to continue exploring new paths, embracing challenges, and creating opportunities for growth and development. Here's to many more years of service, innovation, and excellence!

Savour the words!

Sheeba Anjum
Editor-in-Chief

THE EDITOR SPEAKS



The Road Not Taken: An Introspective Chronicle of Choice and Change

There are moments in life that do not announce themselves with clarity. They arrive quietly, without ceremony, in the pauses between events, in the silences that follow familiar patterns. And yet, these are the moments that shape us when we stand before two paths and realize that choosing one means letting go of the other.

Titled *The Road Not Taken*, this annual edition invites reflection on those uncertain turns in the journey of becoming. It draws not just from the spirit of Robert Frost's poem, but from a truth more ancient and inward that the path we walk is not always lit by reason or reward, but often by something more fragile and more human: conviction, curiosity, courage.

In the Bhagavad Gita, standing on the field of Kurukshetra, Arjuna is overwhelmed by the weight of choice. He is caught not between good and evil, but between two difficult goods, two painful duties. And in that moment of hesitation, Krishna reminds him that the dharma of one's path lies not in comfort, but in authenticity. The Gita teaches us that action aligned with one's deeper nature, however uncertain or lonely it may seem, becomes the highest offering.

This issue reflects that very essence. It is not about romanticizing isolation, nor about regretting the unknown. It is about recognizing that every decision shapes a quiet narrative within us one that may never be seen by others, but is deeply felt. The road not taken is not just a metaphor for missed opportunities. It is a symbol of all that we might have been, all that still lives in the shadow of our becoming.

Our previous edition, *Astra Logue*, lifted our gaze to the skies, exploring the infinite through science, poetry, and philosophy. Now, we return to the ground beneath our feet, to the soft soil of personal reckoning. This edition is about choice, but more than that, it is about consequence. Within these pages you will find journeys shaped not by certainty but by trust in instinct, in silence, in the strange compass of the soul.

Stories of deviation, of disruption, of defiance. Words that emerge from crossroads and quiet departures. Voices that speak not of where we should go, but of what it means to choose at all.

To walk a road less travelled is not always an act of rebellion. Sometimes, it is an act of listening to the self, to the quiet pull of meaning, to the life waiting patiently beyond the margins of habit.

As you read this annual edition, may you find in it a mirror to your own turning points. May you remember that the questions which have no easy answers are often the ones most worth living. And may you carry with you the understanding that every untaken road is not a loss, but a reminder that we are, at every step, shaping the mystery of who we are.

Let this be a gentle guide for all who wander, who wonder, who dare to walk slowly, and still choose.

R.S. Thanvi
Student Editor-in-Chief

MESSAGES



Shri Jaipal Meel
Director

It is with great pleasure and pride that I extend my warmest greetings to all of you as we unveil this edition of our institute magazine. The magazine is not just a reflection of the academic and co-curricular activities that take place within the walls of SKIT but also a testimony to the talent, creativity, and intellectual spirit of our students and faculty.

As we continue to grow and achieve new heights in education, we remain committed to our core values—excellence, integrity, and innovation. SKIT has always stood as a beacon of quality education, aiming to nurture responsible engineers and professionals who not only excel in their respective fields but also contribute to the betterment of society.

This magazine is a platform for showcasing the diverse talents of our students, from their academic accomplishments to their artistic expressions. It is also a means to celebrate the collective efforts of our faculty, whose dedication and guidance shape the future of our students.

I congratulate everyone involved in the creation of this magazine. May it inspire and motivate all of us to continue striving for excellence, pushing the boundaries of knowledge, and upholding the values that make SKIT a unique and thriving institution.

Let us all work together towards achieving our shared goal of holistic education and fostering a harmonious, value-based society.

Best wishes for a bright and successful future!



Prof. S.L. Surana
Director Academics

It gives me immense pleasure to extend my heartfelt greetings to all as we present this latest edition of the SKIT magazine. This publication serves as a creative platform for our students to share their thoughts, ideas, and achievements, while also reflecting the dynamic academic environment of our institute.

At SKIT, we believe that education is not merely about acquiring knowledge but also about fostering innovation, critical thinking, and a sense of responsibility toward society. The academic programs at SKIT are designed to encourage students to push boundaries, explore new ideas, and develop a holistic understanding of their fields. Our dedicated faculty members continuously strive to impart not only technical knowledge but also the values of ethics and integrity, ensuring that our students are well-prepared to meet the challenges of the future.

Let us continue to work together, uphold the values of integrity, collaboration, and innovation, and strive for excellence in all our endeavours.

Wishing you all the best in your future academic pursuits and personal growth.



Prof. Ramesh Kumar Pachaar
Principal

It is a moment of great joy and pride for me to present to you this edition of the SKIT magazine. This publication reflects the vibrant spirit of our institution, showcasing the talent, creativity, and intellectual prowess of our students and faculty alike.

At SKIT, we are committed to providing an education that not only imparts knowledge but also develops a sense of responsibility, ethics, and social awareness. Our aim is to nurture individuals who will contribute positively to society and stand out as leaders in their respective fields. Through rigorous academic programs, a focus on innovation, and the promotion of co-curricular activities, we strive to build well-rounded professionals and lifelong learners.

This magazine is a testament to the dynamic academic and cultural life of SKIT. It highlights the achievements of our students and faculty, their dedication to academic excellence, and their engagement in various creative pursuits. I take this opportunity to thank the editorial team and everyone involved in making this magazine a success.

Together, let us keep striving for excellence in all our endeavours, and continue building a legacy of integrity, innovation, and success.

With best wishes for a bright and fulfilling future!

CYNOSURE OF THE ISSUE

|| THE ROAD NOT TAKEN ||

"Two roads diverged in a yellow wood,
I took the one less travelled by,
And that has made all the difference."
— Robert Frost

Life often presents us with choices, some obvious, others uncertain. The poem "The Road Not Taken" by Robert Frost is a powerful metaphor for self-belief, and the willingness to choose one's unique path, even when it isn't easy or popular. This year's theme embraces that very idea, finding strength in uncertainty and pride in individuality.

We are constantly surrounded by choices, whether it's selecting a field of study, participating in a club, voicing an opinion in class, or deciding how to spend our time outside academics. Each choice, small or significant, contributes to shaping our journey. And often, the paths that feel the riskiest are the ones that help us grow the most.

Every student has a story. Some of us take the well-trodden paths, getting ready for a career route that is established and familiar. Some venture out into unknown territory. Others explore fields that are steer far from engineering, exploring art, entrepreneurship, activism, or research. And then there are those who change course midway, discovering passion where they least expected it. None of these choices are right or wrong, what matters is the courage it takes to make them intentionally.

This annual issue of 'The SKIT Times' is dedicated to celebrating such courage, the bold decisions and transformative journeys that began with a simple choice. As we turn these pages, we revisit our milestones and memories, moments that have defined not only who we are, but who we are becoming.

From our humble beginnings, SKIT has steadily evolved into a thriving community of learners and leaders. Along the way, we have fostered a culture that embraces individuality and nurtures growth. Whether it's a campus fest, a research paper or a classroom discussion, every experience adds to the larger journey we share.

SKIT's legacy is built not only on academic excellence but also on the freedom to think differently. Our classrooms, cultural events, fests, sports meets, and student-led initiatives all serve as platforms for us to express ourselves, to take roads that reflect who we truly are. Behind every achievement is a story of a student who took a risk, who followed a hunch, and in doing so, discovered a version of themselves they hadn't known before.

This edition of 'The SKIT Times' celebrates those journeys, the silent determination, the boldness, the creativity of those who strayed from the norm and set new trends. It is a tribute to what we've done, to our dreams and aspiration, to the visions we carry for what lies ahead.

Choosing a different path is not without its challenges. It brings self-doubt, setbacks, societal pressure and sometimes even failure. But it also brings growth and a deeper understanding of our potential. And as we look back, it is often these very decisions that define our character the most.

So, to all the dreamers and doers, let this theme be a reminder that your journey is your own. The road not taken might be unclear, but it holds the promise of discovery. Walk it with confidence, because you chose it.

As you read through this issue, may you find reflections of yourself and the motivation to choose boldly, whatever road you take. May this edition inspire its readers to take pride in the road they are on, and to find strength in forging their own way, wherever it may lead.

Because in the end, it's not about where the road leads, but who we become on the way.

AVANI SHRIMALI
STUDENT EDITOR

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CAMPUS PLACEMENTS 2025

S.R.	COMPANY	SELECTION	S.R.	COMPANY	SELECTION	S.R.	COMPANY	SELECTION
1	Infosys	138	26	Aavas Financiers	5	51	Groww	1
2	Celebal	26	27	Unthinkable Solutions	4	52	Sevenunique Tech Solutions	1
3	AxesTrack	17	28	Atrium	4	53	CozmoTec	1
4	Metadrob	16	29	Ensylon	4	54	Teleperformance	1
5	Auriga IT	15	30	Torrent Gas	4	55	Coding Ninjas	1
6	Intime Tec	15	31	GKM IT	3	56	Aquarius Consultant Servies	1
7	Cognizant	15	32	Quantiphi Analytics Solutions	3	57	Shree Ram Fincare	1
8	Thrillophilia	15	33	Polycab	3	58	MosChip Technologies	1
9	TCS	15	34	MKC Infrastructure	3	59	Things of India	1
10	BOT consulting	14	35	Cape Electric	3	60	Kugelblitz	1
11	Pinnacle Infotech Solutions	12	36	V-Tools Electric	3	61	Infoobjects	1
12	Kloudeva	28	37	Varistor Engineering	3	62	Astonous Cloud Solution	1
13	WatchGuard Technologies	10	38	Namma Yatri	2	63	Bigstep Technologies	1
14	AppPerfect	10	39	ThoughtsWin Systems	2	64	99acres.com	1
15	Cyntexa	10	40	Tesca Technologies	2	65	Aimaxon Marketing Solutions	1
16	Skipper	9	41	AMWL	2	66	ITC	1
17	IBM	8	42	ApMoSys Technologies	2	67	Bajaj Finance	1
18	Softshala Technologies	7	43	Oracon Global	2	68	Hashedin By Deloitte	1
19	Daikin	7	44	Design2Occupancy	2	69	DianApps	1
20	Metacube	7	45	Genus Power Infrastructures	2	70	OKRUTI IT Consulting	1
21	Cloud Mentor	6	46	Polaris Smart Metering	2	71	Blueflame Labs	1
22	Tech Mahindra	6	47	Medispace Solutions	2	TOTAL (Still Continued)		509*
23	GenXAI Analytics	6	48	Sportsdunia	2			
24	Innoraft Solutions	5	49	Juspay	1			
25	RoboMQ	5	50	Capital One	1			





CAMPUS PRIME

SKIT JAIPUR ACHIEVES 3.5-STAR RATING IN IIC 6.0 ANNUAL PERFORMANCE

SKIT Jaipur has been recognized for its outstanding contribution to innovation and entrepreneurship by securing a 3.5-star rating in the Institution's Innovation Council (IIC) 6.0 Annual Performance for the academic year 2023-24. Among 14,000 technical institutions across India, SKIT has excelled in promoting innovation and startups, as prescribed by the Ministry of Education's Innovation Cell (MIC) and AICTE.

This achievement was announced on National Startup Day during National Startup Week 2025, highlighting SKIT's dedication to fostering an entrepreneurial ecosystem on campus. The recognition reinforces SKIT's commitment to innovation-driven education and provides a platform for students to develop ground-breaking ideas. Team IIC at SKIT continues to inspire young minds towards technological advancement and startup culture.



REPUBLIC DAY CELEBRATIONS AT SKIT JAIPUR

SKIT Jaipur celebrated Republic Day on 26th January 2025 with great patriotism and enthusiasm. The event began with the flag hoisting ceremony, graced by Shri Surja Ram Meel and Dr. S. L. Surana, Shri Anil Bafna, Shri Jaipal Meel, Ms. Rachna Meel, Prof. Ramesh Pachar, and Prof. R.K. Jain. Dr. S.L. Surana addressed the gathering with inspiring words on national values and responsibility. As a part of the celebrations, meritorious students were awarded for their outstanding achievements, encouraging them to continue striving for excellence. The event concluded with cultural performances and a pledge to uphold the values of

democracy and unity. The SKIT fraternity commemorated the day with pride and enthusiasm.



SKIT JAIPUR HONoured WITH RISING EDUCATORS AWARD 2024

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, has been recognized with the Rising Educators Award 2024 for Excellence in Technical Education and Skill Development. This prestigious award was presented by the Rajasthan Yuva Board on December 20, 2024, acknowledging SKIT's commitment to providing high-quality technical education and fostering skill development among students.

This achievement reflects the institute's dedication to academic excellence and innovative learning methodologies. SKIT continues to empower students with knowledge, skills, and industry-oriented training, reinforcing its position as a leading institution in technical education. The award motivates SKIT to further enhance its educational initiatives and contribute to the future of technical learning.



SKIT JAIPUR RECEIVES IEI ENGINEERING EDUCATION EXCELLENCE AWARD 2024

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, has been honoured with the prestigious IEI Engineering Education Excellence Award 2024 (Bronze) by The Institution of Engineers (India). This award recognizes SKIT's outstanding contributions to engineering education, research, and innovation. The award was presented during a grand ceremony, acknowledging SKIT's commitment to academic excellence and its role in shaping future engineers with industry-relevant skills. This achievement reinforces SKIT's dedication to providing quality technical education and fostering a culture of innovation. With this recognition, SKIT continues to set new benchmarks in engineering education and remains committed to excellence in learning and development.



Winner of Engineering Education Excellence Award 2024

EXPERT TALK BY CA SANJAY JHANWAR

On December 14, 2024, Shri Sanjay Jhanwar, a senior advocate and chartered accountant, delivered an insightful talk on "Impact of AI on Life and Business." The event commenced with a warm welcome from the Chairman, Shri Surja Ram Meel, who expressed his gratitude for Shri Jhanwar's presence and highlighted the significance of expert interactions in enhancing the institution's academic capabilities. During his talk, Mr. Jhanwar discussed the potential scope of artificial intelligence across various fields. He emphasized that the future looks promising for average performers and noted the limited applications of AI in certain areas.



Expert Talk by CA Sanjay Jhanwar

SKIT CHESS TEAM TRIUMPHS AT RTU CHESS TOURNAMENT

The SKIT Chess team emerged victorious at the prestigious RTU Chess Tournament, held at Aravali Engineering College in Udaipur. With strategic brilliance and determination, the team clinched the top spot, marking a significant achievement in the competition. Their victory was celebrated by team members and supporters alike, as they were awarded the winner's trophy, showcasing their skill and teamwork.



RTU Chess Tournament Winners

SKIT WINS THE SMART INDIA HACKATHON GRAND FINALE AT MIT PUNE

We are proud to announce that the SKIT team's Olympiad was jointly declared the national winner in the hardware category and won Rs. 50,000 in the Smart India Hackathon Grand Finale at MIT Pune in December 2024. Dr. Nilam Choudhary and Mr. Sudesh Garg led the team to the final round of the competition. It was the sheer hard work and dedication of the SKITians that paved the way for their success.



Winner of SIH 2024

SECOND RANK IN RAJASTHAN IN THE USAGE OF VIRTUAL LABS

Swami Keshvanand Institute of Technology, Management & Gramothan achieved the prestigious second rank in Rajasthan for the use of virtual labs in 2024. This recognition reflects our dedication and innovative approach to education. The institute has been an active user of virtual Labs for the last three years. SKIT received an appreciation certificate from the virtual labs team, IIT Delhi, for the outstanding achievement and the support in promoting virtual labs.

SILVER JUBILEE ORIENTATION CEREMONY- AGAAZ 2024

On September 2nd, 2024, SKIT conducted the 25th Orientation Session, 'Agaaz-2024', for B.Tech first-year students. The event featured Honourable Dr. Prem Chand Bairwa, Deputy Chief Minister of Rajasthan, as the Chief Guest, as well as Mr. Pankaj Kumar Jangid, Dy. General Manager at PGCIL, Mr. Rajesh Kumar Jhakar, SDM of Jaipur I, and Dr. Vijay Chatterjee, Senior Scientist & Business Development at CSIR-CEERI were invited as Guests of Honor. Dr. G.S. Chauhan, Joint Secretary of UGC, presided over the orientation ceremony. During the event, Shri Prem Chand Bairwa addressed the students, highlighting the important role engineers will play in realizing the Prime Minister's vision of Viksit Bharat 2047, and congratulated the institute on completing 25 years of imparting quality education. Additionally, a movie showcasing the journey and achievements of SKIT was screened for all attendees.



Cultural Performance at the Orientation Ceremony



Shri Prem Chand Bairwa at the Orientation Ceremony

SKIT HOSTS CONVOCATION FOR 2022 AND 2023 BATCHES

Swami Keshvanand Institute of Technology, Management, and Gramothan (SKIT) celebrated its degree distribution ceremony for the 2022 and 2023 batches with grandeur and pride. Held on July 7th, 2024, in the campus auditorium, the event saw degrees conferred by dignitaries including Patron Shri Raja Ram Meel, Chairman Shri Surja Ram Ji Meel, Director Shri Jaipal Meel, and Principal Dr. R.K. Pachar.

In inspiring addresses, the dignitaries highlighted perseverance, ethical values, and innovation as key to success, urging graduates to contribute meaningfully to society. The ceremony featured heartfelt speeches and moments of nostalgia that resonated with graduates and their families. The day concluded with a message of hope, as graduates departed, ready to make their mark and carry the SKIT legacy forward.



Degree Distribution Ceremony at SKIT



Degree Distribution Ceremony at SKIT

SKIT JAIPUR CELEBRATES INDEPENDENCE DAY WITH PATRIOTIC ZEAL

Swami Keshvanand Institute of Technology, Management, and Gramothan (SKIT), Jaipur, celebrated the 78th Independence Day with a vibrant display of national pride. The event featured captivating cultural performances, including patriotic dances, soulful musical renditions, and impactful dramas that honored India's freedom fighters and showcased the country's rich heritage. Esteemed dignitaries, including Prof. S.L. Surana, Director (Academics), and Principal R.K. Pachar, addressed the gathering, emphasizing the importance of responsibility and patriotism in nation-building.

The celebration peaked with the dignitaries' ceremonial flag hoisting, accompanied by a powerful rendition of the National Anthem that united the audience in a shared sense of pride. The

event left attendees inspired and reinforced their commitment to uphold the values of freedom, justice, and equality that define India's independence.

SKIT STUDENTS EXCEL AT NATIONAL SPACE DAY 2024

Students from Swami Keshvanand Institute of Technology (SKIT) secured 2nd and 3rd places in the Best Model Award category at the National Space Day competition, organized by ISRO's Regional Academic Centre for Space (RACS) at MNIT, Jaipur. The event celebrated innovation in space technology, drawing participants nationwide. SKIT's teams, led by final-year students Aman Yadav and Priya Sharma, impressed judges with their innovative and functional space technology models.

Principal Dr. R.K. Pachar praised their achievement as a testament to creativity, teamwork, and dedication. The accomplishment highlights SKIT's focus on fostering practical learning and innovation, inspiring future engineers and scientists to reach for the stars.



Winners of the National Space Award

TEACHERS' DAY CELEBRATION AT SKIT, JAIPUR

On September 5, 2024, SKIT celebrated Teacher's Day with vibrant ceremonies honoring educators. The event began with a traditional welcome ceremony, followed by speeches from dignitaries like Chairman Mr. Surja Ram Ji Meel and Principal Dr. R.K. Pachar, highlighting the critical role of teachers in shaping students' minds and values. Cultural performances, including poetry, music, and



Teachers' Day celebration at SKIT

dance, added to the celebrations, expressing gratitude to teachers. The day also included awards recognizing faculty excellence in the field of research. The event concluded with a sense of unity and appreciation, reaffirming the vital role of educators in shaping the future.

SKIT JAIPUR HOSTS INSPIRING BLOOD DONATION CAMP

SKIT Jaipur organized a Blood Donation Camp on October 1, 2024, which united students, staff, and the community in a powerful demonstration of social responsibility. With 685 students donating blood, the event highlighted the vital role of youth in addressing urgent healthcare needs. The camp was preceded by awareness activities, including slogan writing, poster making, and video competitions, which engaged students and emphasized the importance of blood donation. A spirited Walkathon further rallied the community, spreading messages like "Donate Blood, Save Lives."

The grand inauguration, attended by dignitaries from SKIT, HDFC Bank, and Lions Club Jaipur, set the tone for the day. Partners like SMS Hospital and Rungta Blood Bank ensured seamless operations, guided by coordinators Mr. Dinesh Kumar Sharma and Dr. Anjana. This impactful event demonstrated the power of unity and compassion, leaving participants inspired to continue making a difference. As one student remarked, "It's incredible to know our efforts can save lives." SKIT's initiative stands as a beacon of hope, encouraging others to embrace the responsibility of giving back.



Blood Donation at SKIT

SKIT EXCELS AT RTU TOURNAMENTS 2024

SKIT students showcased remarkable talent and determination at the Rajasthan Technical University (RTU) Inter College Sports Tournaments in September and October 2024.

- Men's Badminton Team:** Crowned champions after a series of thrilling matches, displaying exceptional teamwork and strategy.
- Women's Badminton Team:** Secured Runner-Up position, demonstrating courage and resilience in a closely fought final.
- Women's Table Tennis Team:** Emerged victorious with outstanding skill and teamwork, adding another gold to SKIT's achievements.

- **Men's Table Tennis Team:** Achieved Runner-Up, narrowly missing the top spot after an intense competition.

SKIT Men's and Women's Volleyball Teams won the RTU Volleyball Tournaments.

Dr. R.K. Pachar, Principal, SKIT lauded the students for their dedication and sportsmanship, calling their success an inspiration for future achievements. SKIT's athletes continue to set new benchmarks in sports and teamwork.



Winners of Volleyball Tournaments

LIBRARY WORKSHOP AT SKIT

The Gyandan Resource Centre at SKIT, Jaipur, in collaboration with the Rajasthan Technical Library Association (RTLA), organized a two-day workshop titled "Hands-On Workshop on KOHA (Integrated Library Management System - ILMs)" on August 2-3, 2024. The workshop aimed to enhance the knowledge and skills necessary for effective library management by providing practical experience in installing, configuring, and using Koha (ILMS). Over 50 participants attended the event, including librarians, library staff, and IT professionals from both India and the UAE. The participants comprised both new and experienced users of Koha, eager to deepen their understanding and refine their technical skills.

Dr. Rishi Kumar Tiwari, Librarian at the Malaviya National Institute of Technology, Jaipur, served as the Workshop Director and was the chief guest at the inaugural session. Dr. Mahendra Singh Rao, Assistant Professor at the University of Rajasthan, was the guest of honor during the valedictory session. In his keynote address, Dr. Tiwari emphasized the role of Koha in library automation and highlighted the evolving responsibilities of librarians. Dr. Rajkumar Bhakar, Patron of RTLA, provided valuable insights into the association's contributions to the field of library and information science. Additionally, Dr. S. L. Surana, Director (Academics), showcased the achievements of SKIT in library automation and

underscored the important role librarians play in various institutions. Dr. Dalla Ram Bhinchhar, Chief Librarian, SKIT welcomed the attendees and outlined the workshop's practical format. Mr. Qumar Abbas, President of RTLA, delivered a vote of thanks at the conclusion of the event.



Library Workshop at SKIT

SPECIAL YOGA SESSION ORGANIZED ON INTERNATIONAL YOGA DAY

On the occasion of International Yoga Day, the Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, organized a special yoga session on June 21. The session was led by Dr. Archika Jain and Satyaveer Singh, who guided participants through various asana, pranayama, and meditation techniques. They also elaborated on the physical and mental benefits of yoga.

The main objective of the event was to raise awareness among students, faculty, and staff about the importance of yoga and inspire them to incorporate it into their daily lives. Practices such as Tadasana, Vajrasana, Bhujangasana, Anulom-Vilom, and Bhramari Pranayama were performed, providing attendees with a sense of relaxation and mental peace. The session was attended by the institute's Director, faculty members, administrative staff, and a large number of students. Many attendees described it as not just a health-enhancing initiative but also made a personal commitment to adopt yoga as part of their lifestyle.



FAREWELL – GOODBYE GALA '25 AT SKIT JAIPUR

SKIT Jaipur hosted its much-awaited Farewell – Goodbye Gala '25 in the evening of May 10. Marketed as "one last night under the lights," the event featured energetic performances and a lively celebration under the theme Farewell2025, with Aman Jaji setting the stage ablaze. There was Enthusiastic participation from final-year students, faculty, and staff in a night filled with camaraderie and memorable performances.

SKIT LIBRARY INTRODUCES 'COMPETITION CORNER' AND 'HUMAN LIBRARY' FOR ASPIRANTS

The Gyandan Resource Centre at SKIT Jaipur's central library has taken another step forward in supporting student success by launching a dedicated Competition Corner. This new section is designed to provide all essential resources for aspirants preparing for major competitive examinations such as GATE, UPSC, SSC, and other national-level tests. With an already impressive footprint of 975 m², the library houses over 44,851 volumes, 14,010 titles, 14,576 e-books, and more than 18,000 video lectures. The new Competition Corner adds specialized study materials, curated question banks, past papers, and access to expert-recommended references, ensuring that students can prepare comprehensively under one roof. In addition to the print and e-resources, the library continues to offer a state-of-the-art digital section with 22 multimedia terminals, OPAC access, DELNET inter-library loan services, and subscriptions to more than 706 reputed journals. The launch of the Competition Corner reflects SKIT's commitment to not only academic excellence but also competitive readiness—helping students aim higher and prepare smarter for their future careers.



At the launch of Competition Corner at SKIT Library

PRAVAH 2025 – A GRAND CONFLUENCE OF CULTURE, TECHNOLOGY, AND SPORTS AT SKIT

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) in Jaipur erupted with energy and color as PRAVAH 2025, the institute's much-anticipated national techno-cultural-sports festival, launched on February 15. The grand

inauguration established a vibrant atmosphere for a week-long celebration of talent, creativity, and competitive spirit. Embracing the theme of "Incredible India" and commemorating 25 years of SKIT's excellence, the festival brought together students from across the nation to engage in a diverse and impressive array of activities. Key features included:

Cultural Performances: Showcasing the richness of India's traditions through captivating dance, drama, and music with events such as Thirak, Clash of Bands, and Sur.

-Technical Exhibits & Competitions: Highlighting innovative projects, coding contests, and robotics challenges that pushed boundaries, such as Project Expo, Code War, etc.

-Sports Tournaments: High-energy matches in cricket, basketball, volleyball, and more, demonstrating fierce competition and teamwork.

-Star Nights & Celebrity Appearances: Electrifying evenings by Nikita Gandhi and Gurnazar were packed with entertainment and campus-wide engagement.

PRAVAH 2025 undeniably reaffirmed SKIT Jaipur's position as a premier hub for holistic student development, expertly blending academics with creativity, leadership, and team spirit.



PRAVAH 2025

WORLD ENVIRONMENT DAY AT SKIT

SKIT Jaipur celebrated World Environment Day with grandeur and a strong green spirit. Honorable Governor of Rajasthan, Shri Haribhau Bagade, was the Chief Guest of the event. It was organized in collaboration with Vigyan Bharati, CEERI, RTU,



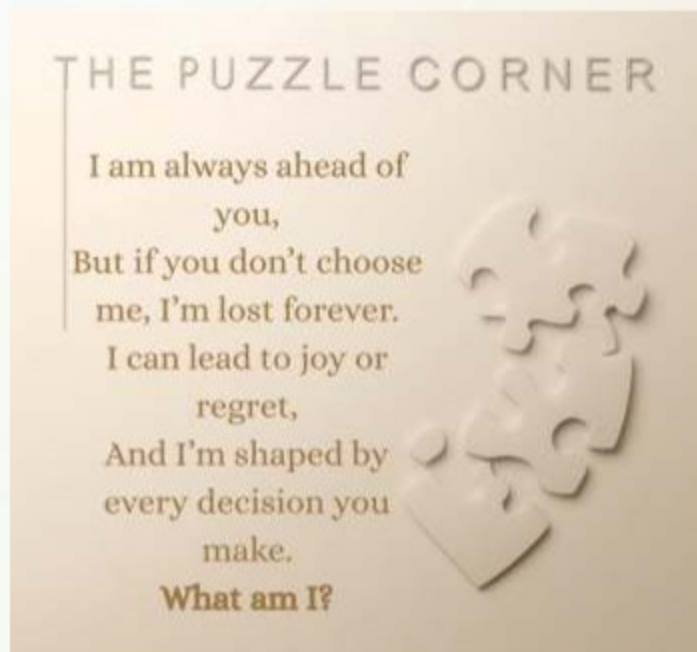
RIICO, and SKIT. The event had participation from the top institutions across Rajasthan, united for one cause- environmental awareness and sustainability. The event was concluded with a collective pledge to adopt eco-friendly practices and protect the planet for future generations.

DEGREE DISTRIBUTION CEREMONY – HONOURING THE ACHIEVEMENTS OF SKIT GRADUATES

SKIT Jaipur proudly celebrated the success of its graduating batches during its Degree Distribution Ceremony, capturing moments of joy, pride, and accomplishment. The ceremony, formally held on March 25, 2025, honoured graduates from the 2022 and 2023 batches according to detailed institutional guidelines. The members of the management addressed the graduates, inspiring them to carry forward SKIT's values of innovation, integrity, and service into their professional journeys. Faculty members extended heartfelt congratulations, while the graduates expressed gratitude for the mentorship and opportunities provided by the institute.



Degree Distribution Ceremony at SKIT



ECA CELL ACTIVITIES

ECA TEAM RECOGNIZES OUTSTANDING CLUBS FOR THEIR EFFORTS

The ECA team is pleased to acknowledge the exceptional efforts of our faculty coordinators and club members. Their enthusiasm and dedication have been truly remarkable, and to further motivate the clubs, the team has decided to award certificates to those demonstrating outstanding participation and achievements.

- Best Club of November: Yoga and Meditation Club
- Best Efforts and Outside Exposure: Robotics Club
- Best Performances and Audience Engagement: Dance Club.

Additionally, the Competitive Club organized a successful Hackathon, showcasing great effort and commitment. The SNT Club and Docudrama Club have consistently performed well, while the newly activated clubs have made impressive strides in their performances.



Yoga and Meditation Club received the best club award in November



Robotics Club received the award for best efforts and outside exposure club in November

UNIVERSAL HUMAN VALUES & ETHICS COMMITTEE

Event 1: One-Week Student Workshop on Universal Human Values and Ethics

The Universal Human Values (UHV) Committee of Swami Keshvanand Institute of Technology (SKIT), Jaipur, organized a one-week student workshop titled "Universal Human Values and Ethics" from November 15th to 19th, 2025. The workshop aimed to instill

ethical thinking, emotional awareness, and social responsibility among students through a series of insightful sessions, discussions, and reflective activities.

This week-long initiative was a transformative journey for many, planting the seeds of mindfulness, compassion, and integrity in young minds. The UHV Committee's efforts successfully promoted the vision of value-based education and holistic development at SKIT.



Workshop on Universal Human Values and Ethics

Event2: UHV&EC Celebrates The Constitution Day

To honor the adoption of the Constitution of India, the Universal Human Values (UHV) Committee of Swami Keshvanand Institute of Technology (SKIT), Jaipur, organized a special event on 26th November 2024 to celebrate Constitution Day (Samvidhan Diwas). The event was aimed at creating awareness among students about the core values enshrined in the Indian Constitution and to inspire them to become responsible and informed citizens.

The program began with an insightful address by Nikita Kasana, the student coordinator of the UHV Committee. She highlighted the relevance of constitutional values such as justice, liberty, equality, and fraternity in today's fast-evolving society. Her perspective as a student leader added a relatable and thoughtful touch to the session, resonating strongly with her peers.

Eminent faculty members Dr. Amit Jhalani and Dr. Nidhi Sharma shared some lesser-known facts about the making of the Indian Constitution, including stories of the debates in the Constituent Assembly and the vision of Dr. B.R. Ambedkar. Their session sparked curiosity among students, offering them a deeper appreciation for the immense effort and foresight involved in shaping the world's longest written constitution. Adding a visual dimension to the celebration, a short documentary film on the making of the Indian Constitution was screened, giving students a glimpse into the



The constitution day at SKIT

historical moments, the drafting process, and the challenges faced during the formation of this monumental document..

This Constitution Day celebration served as a meaningful platform to revisit the spirit of democracy, equality, and justice, and encouraged students to uphold these ideals in both their personal and professional lives.

Event3: Celebrating Linguistic Diversity: Bhartiya Bhasha Diwas at SKIT

In celebration of the rich linguistic heritage of India, the Universal Human Values (UHV) Committee of Swami Keshvanand Institute of Technology (SKIT), Jaipur, organized a vibrant and culturally enriching event on 10th December 2024 to mark Bhartiya Bhasha Diwas. The event emphasized the importance of India's regional languages in preserving cultural identity and fostering unity in diversity. The event was graced by faculty members Prof. Sangeeta Vyas, Dr. Sharda Soni, Prof. Vinita Sharma, Dr. Pramila Kumawat, and Dr. Amit Jhalani, who appreciated the initiative and encouraged students to stay connected to their mother tongues while also embracing linguistic diversity. With the enthusiastic participation of around 60 students from various branches, the celebration created an engaging platform for cultural expression and mutual respect for all Indian languages. The program concluded with a collective reflection on how languages not only help in communication but also play a crucial role in shaping values, traditions, and worldviews. Bhartiya Bhasha Diwas at SKIT was a tribute to the linguistic mosaic that binds the nation together in unity and harmony.



Bhasha Divas at SKIT

Event 4: SKIT UHV Committee's Social Initiative: Social and Creative Activities at Arsh Vidyateerth Gurukul, Jaipur

The Universal Human Values (UHV) Committee of Swami Keshvanand Institute of Technology (SKIT), Jaipur, recently organized a special social outreach program at Arsh Vidyateerth Gurukul, Jaipur. As part of this initiative, student coordinators from SKIT conducted a variety of social and creative activities for the students of the Gurukul on 31st January, 2025.

The program included several competitions and interactive sessions focusing on art, science, sports, and social service. The aim was to promote social values, creativity, and teamwork among the Gurukul students. Participants who excelled in their respective categories were honored with special trophies to acknowledge their talent and efforts. This initiative by the UHV Committee

turned out to be an educational and enriching experience for all. While the Gurukul students had the opportunity to explore new ideas and skills, SKIT students also developed a deeper understanding of community service and the impact of positive social engagement. The event served as a mutual learning and empowering platform for both groups.

Overall, this outreach program was a memorable and inspiring experience, reaffirming the power of collective action in nurturing values and building a better society. The event was attended by Prof. BL Sharma, Prof. Sangeeta Vyas, Prof. Archana Saxena, Prof. Krishna Dayal Sharma, Dr. Nidhi Sharma, Dr. Amit Jhalani, Dr. Swati Arora, Ms. Shalini Singhal, and Mr. Naveen Jain.



Students of UHV at Arsh Vidyateerth Gurukul

SKIT ROBOTICS CLUB SHINES AT NAVONMESH 2024 TECHFEST

The SKIT Robotics Club achieved remarkable success at the Navonmesh 2024 Techfest held at Manipal University, bringing home several prestigious titles. In the RC Car Racing event, the team consisting of Saurabh Sharma, Tanmay Vyas, and Summit Dixit secured first place, while Bhoomika, Kanan Madan, Aryan Sharma, and Narendra Kumar earned second. The third spot was



claimed by Bhavishya Vaishnav, Pankaj Dhakad, Harshit Swami, and Bhupesh Jangid. In the Lathe War event, Pankaj Dhakad triumphed, securing first place. Additionally, the team of Avani Choudhary, Shantanu Gunani, and Suyash Vashishtha was named

runners-up in the Mesmerize competition. These outstanding achievements reflect the innovation and skill of SKIT Robotics Club members in the field of technology and robotics.



Navonmesh 2024

SKIT TOASTMASTERS CLUB

Event1: SKIT Toastmasters Shines at Area Level Contests

SKIT Toastmasters is proud to announce the remarkable achievement of four of its students who participated in the Area-level Humorous Speech and Evaluation Contests held at JECRC. All four contestants emerged victorious, with two securing the first position and the other two winning second place. This outstanding performance highlights the talent and dedication of SKIT Toastmasters, who continue to excel in public speaking and evaluation.



Winners of Area Level Contests

Event2: SKIT Toastmasters Shine at State-Level Competitions

SKIT Toastmasters have once again proven their excellence at the state level, achieving remarkable success in two prestigious contests. TM Harshit claimed the First Prize in the Speech Evaluation Contest, where he demonstrated his exceptional ability to assess and provide constructive feedback with clarity and precision. Meanwhile, TM Shivansh secured the Second Prize in the Humorous Speech Contest, captivating the audience with his perfect blend of humor and storytelling. His ability to connect with listeners through wit and charm was on full display, earning him well-deserved recognition. These victories not only underscore the talent and dedication of SKIT Toastmasters but also reinforce the

club's commitment to excellence in communication and leadership. Heartiest congratulations to both TM Harshit and TM Shivansh for their remarkable achievements and for making SKIT proud at the state level.

E-CELL & INCUBATION CELL

Event1: THE CHIT QUEST COMPETITION BY E-CELL

The Chit Quest competition was held on November 20, 2024. This unique event was designed to test participants' problem-solving skills, creativity, and communication abilities. Participants drew a chit containing an object, and they then developed and presented innovative solutions to real-world problems associated with that object. The event provided a platform for participants to showcase their creative solutions.

Rishita Agrawal, who focused on solar panels, was the winner of the competition. Harshit Jetwani, with the topic of clothing, was the first runner-up, while Kanika Gupta, who addressed smartwatches, secured the position of second runner-up..



The Chit Quest competition held at SKIT

Event2: EUREKA BY E-CELL

The "Eureka!" The Startup Pitching Competition, organized by E-Cell (TOPAZ) and the Incubation Cell at SKIT Jaipur, in collaboration with NEC IIT Bombay, was held in October 2024 to foster an entrepreneurial spirit and identify innovative startup ideas. Each team presented their business ideas, focusing on aspects such as innovation, scalability, and market potential. The judging panel, comprising industry experts, provided feedback and selected the most promising startups to advance to the zonal round of "Eureka!" at NEC IIT Bombay. The Jury Members were Mr. Ajay Dhanopia, Mr. Vineet Jain, Mr. Jitendra Kumar Meena, Mr. Yogendra Sharma, and the Faculty Coordinator, Dr. Monika Mathur.



Eureka Activity By E-cell

NEW CLUBS INTRODUCED

In the academic session 2024-2025, the Extra-Curricular Activities Cell introduced five new clubs, bringing the total number of clubs to 30. The new clubs are

The Sustainability Champions Club

The Sustainability Champions Club is typically a group or initiative to promote sustainability practices and raise awareness about environmental issues within an organization or community. Members often engage in educational workshops, community service projects, and sustainability challenges to encourage eco-friendly habits and promote a sustainable culture. The faculty coordinators are Mr. Pramod Jain, Mr. Arun Beniwal, and Mr. Vishnu Jangid.

Competitive Programming Club

Competitive Programming Club is focused on practicing and improving skills in competitive programming, which involves solving algorithmic and mathematical problems under time constraints. Mr. Shirish Nagar is the faculty coordinator.

Linux Club

Linux Club aims to empower students through Collaboration & Skill-Building. Mr. Manoj Raman and Mr. Praveen Yadav are the faculty coordinators.

Electric Vehicle Club

To enable the students to create a robust network of electric vehicle models and to foster research and skill development in the same field. Mr. Ajay Dhanopia and Mr. Dinesh Kumar Verma are the faculty coordinators.

Gaming & Animation Club

A professional club that aims to offer knowledge and training in 3D animation, augmented and virtual reality, gaming, and visual effects. Mr. Ajay Dhanopia is the faculty coordinator.

BEST PERFORMER IN CLUBS AWARD

ECA has introduced a badge for the best-performing clubs based on maximum participation and activities conducted in a month. For September, the award for the best club went to the "Fine Arts &



"Fine Arts & Crafts Club received the best club in September month

Crafts Club" coordinated by Dr. Nikita Sharma. For October, the Science and Technology Club, coordinated by Dr. Sharda Soni and Mr Vinay Marwal received the award for having the highest number of activities and active participation. The students and coordinators were awarded by Prof. R.K. Jain, Dean, SKIT, Prof. S.L. Surana, Director (Academics), and ECA chief coordinator Dr. Aakriti Sharma and coordinator Ms Deepti Arela.



Science & Technology club received the best club in October month

UNIVERSAL HUMAN VALUES AND ETHICS COMMITTEE

Event1: Tree Plantation Drive

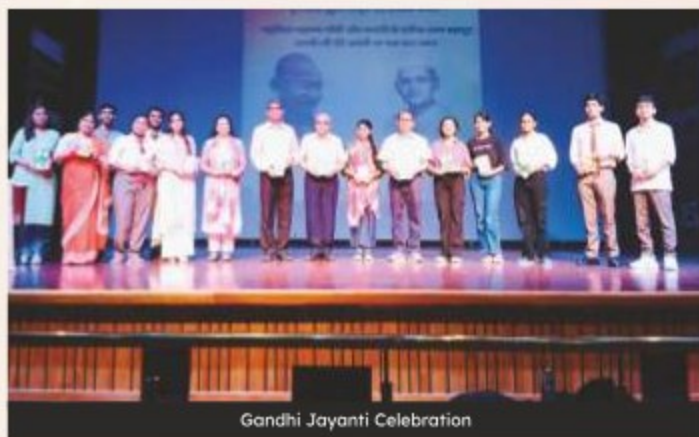
In a commendable effort to promote environmental sustainability, the UHV & Ethics Committee of SKIT organized a plantation drive titled "Ek Ped Maa ke Naam" on the front lawns of the campus today. The event saw enthusiastic participation from students, faculty, and staff. The drive began with a brief opening ceremony where the committee highlighted the importance of tree planting in combating climate change and enhancing the campus environment. Following the ceremony, participants were provided with saplings of various native tree species. The UHV & Ethics Committee plans to continue such initiatives in the future, aiming to create a lasting impact on both the campus and the community. The successful execution of "Ek Ped Maa ke Naam" underscores SKIT's commitment to environmental sustainability and its role in fostering a greener future.



Tree Plantation Drive

Event2: Gandhi Jayanti Celebration

On the occasion of Mahatma Gandhi's birth anniversary, a grand ceremony was organized by the UHV Committee at SKIT on 2nd October. The highlight of the event was an elocution competition focused on the relevance of Gandhi's teachings in today's challenges. The ceremony commenced in the presence of Professor S.L. Surana, Academic Director Professor R.K. Jain, Dean, Professor B.L. Sharma, Dr. Nidhi Sharma, and Dr. Swati Arora. All speakers appreciated Gandhi's ideals and contributions, highlighting the significance of his thoughts in the current context. Various students participated in the competition, presenting their views on the relevance of Gandhi's teachings. All participants were gifted Gandhi's autobiography by the Chief Librarian, Mr. Bhincher. After the program, everyone pledged to embrace Gandhi's thoughts and follow his ideals.



Gandhi Jayanti Celebration



Hindi Diwas Celebration

Event3: Hindi Diwas Celebration

Hindi Diwas was celebrated with great enthusiasm at SKIT on September 14. On this occasion, the UHV Committee organized a poetry recitation competition for students. Participants showcased their poetic talents and expressed their love for the Hindi language. The competition began at 12:30 PM, with many students presenting works by various Hindi poets. The event aimed to increase awareness and love for the Hindi language among students. After the competition, the winners were honored. Trophies were awarded to the students who secured the first, second, and third places. Professor Archana Saxena, Dr. Amit Jhalani, Shalini Singal, and Dr. Khushboo Bhardwaj appreciated

the winners and highlighted the importance of the Hindi language. The program concluded with everyone collectively celebrating the significance and beauty of the Hindi language. This event demonstrated the deep enthusiasm and dedication of the students for the Hindi language.

UNNAT BHARAT ABHIYAN CLUB

1. ENTREPRENEURSHIP AWARENESS PROGRAM

This was an entrepreneurship awareness program organized by UBA Club and E-Cell (TOPAZ) on Sept. 6, 2024, at Govt. school Malwa. The purpose of this event was to empower school students with knowledge and skills in entrepreneurship and technology.

2. SWACHHATA ABHIYAN & SPECIAL GRAM SABHA PROGRAM

The Special Gram Sabha program was organized by the UBA Club of SKIT on October 2, 2024, at the Gram Panchayat in Shivdaspura. The event aimed to promote community involvement in addressing key rural challenges such as sustainable development, education, health, livelihood improvement, and cleanliness as part of the Swachhata Abhiyan. As a component of this initiative, a village cleanliness drive was conducted. Volunteers, including children and elders, actively participated in cleaning public spaces.



SKIT GRAMOTHAN CLUB

The SKIT Gramothan Club organized an event titled "Science Spark: Learning beyond Books" on October 2, 2024, at Netaji Subhash Chandra Bose Government School in Jagatpura. This event aimed to inspire curiosity and foster a love for science among students in Classes VI-VIII by showcasing engaging and practical science projects. The initiative sought to enhance their understanding of scientific concepts beyond the classroom, promoting creativity and critical thinking. Overall, this event served as a platform for knowledge sharing and educational growth, leaving a positive impact on young minds. Dr. Kiran Rathi and Dr. Meenakshi Nawal coordinated the event.



SKIT TIMES DETAILS (01 FEBRUARY, 2025 TO 30 JUNE, 2025)

UNIVERSAL HUMAN VALUES AND ETHICS COMMITTEE

FIVE-DAY WORKSHOP ON UHV CONDUCTED FOR TECHNICAL STAFF

A five-day workshop on Universal Human Values (UHV) was held from April 22-26, 2025, for technical staff, focusing on value-based working and ethical behaviour. The workshop included insights from Indian philosophical traditions and featured speakers like Dr. Indu Shekhar Tatpurush, who discussed integrating values like samyak drishti (right understanding) into daily life. Chitra Didi from Brahma Kumaris led a session on Rajyoga meditation for stress management and self-discipline. Girdhari Prabhu Ji from ISKCON spoke on Holistic Development from a Vedic perspective, while Dr. Amit Jhalani emphasized the importance of Human Values.



Prof. Subhrojeet Gupta addressed a Code of Conduct, highlighting integrity and respect. Activities encouraged the practical application of UHV principles, and participants shared positive feedback and committed to incorporating UHV in daily life. The workshop was conducted by Dr Nidhi Sharma, Dr Amit Jhalani, and Dr. Swati Arora.

UHV ORGANIZED PROGRAM AT NETAJI SUBHASH CHANDRA BOSE RESIDENTIAL SCHOOL ON INTERNATIONAL DAY OF HAPPINESS

On the occasion of the International Day of Happiness, the Universal Human Values (UHV) Committee of SKIT College organized a special program at Netaji Subhash Chandra Bose Residential School. Around 90 primary-level students from the school actively participated in a variety of entertaining and educational activities. To recognize their enthusiastic participation and outstanding performances, students were awarded trophies and stationery items as prizes. Additionally, fresh refreshments were distributed, further boosting their morale and energy. The event was attended by senior members of the college, including Prof. B.L. Sharma, Prof. Archana Saxena, Dr. Nidhi Sharma, and Ms. Barkha Jain. Student coordinators from the college also played an active role in organizing the event. The primary aim of the UHV Committee in organizing this program was to instill in children the importance of happiness and positivity, helping them achieve their life goals in a balanced and joyful manner. The high level of enthusiasm and participation from the students reflected how such initiatives contribute not only to their mental and physical development but also help them understand social and moral values. The UHV Committee plans to conduct more such programs in the future to promote positive thinking and holistic development among children.



International Day of Happiness

BASANT PANCHAMI CELEBRATIONS ORGANISED BY UHV

The Universal Human Values (UHV) Committee of [Institute Name] organized a graceful and spiritually uplifting celebration of Basant Panchami. The event marked the reverence of Goddess Saraswati, the embodiment of knowledge, wisdom, and learning. The program commenced with the auspicious Saraswati Pooja, invoking the blessings of the Goddess for the academic and personal well-being of all attendees. The pooja was conducted with traditional rituals and deep spiritual fervour, accompanied by the chanting of

Saraswati Vandana and melodious bhajans dedicated to the deity. The atmosphere resonated with devotion and positivity. The event was graced by the esteemed presence of the Principal, Dean, Director of Academics, Heads of various Departments, and a large gathering of faculty members and staff. Their active participation added value and significance to the celebration, reflecting the institute's commitment to preserving cultural and ethical traditions. Following the devotional segment, prasadam was distributed to all attendees, symbolizing the shared spirit of sanctity and harmony. The gathering fostered a collective sense of cultural belonging and reinforced the importance of inner development alongside academic pursuits. The UHV Committee extends heartfelt thanks to all dignitaries and participants who contributed to making this celebration both memorable and meaningful.



Basant Panchami Celebration at SKIT

ECO FRIENDS CLUB

- The main motto of the club is to spread awareness among students about the environment.

In continuation of the series, the club organized many events in the session. Glimpses of some events are:

Photography Event on "Spring Wonders"

The event "Spring Wonders" was organized on 12th March 2025 to engage nature enthusiasts in celebrating the beauty and vibrancy of spring through photography. By inviting participants to upload



2 March 2025 at 4:42 pm

their best nature-related photos, the event aims to raise awareness about the importance of nature conservation, inspire appreciation for the natural world, and foster a sense of community among like-minded individuals. The event also provides a platform for individuals to showcase their creative talents while emphasizing the need for environmental stewardship and sustainable living.



QUIZ COMPETITION ON “ECO-VISION”

Eco-Vision, organized by the Eco-Friends Club on 2nd April 2025. This event aimed to raise awareness about environmental issues and deepen students' connection with nature through an engaging offline quiz competition. Focused on topics such as biodiversity, conservation, pollution, and sustainability, the event encouraged participants to think critically about the natural world. By combining learning with fun, the quiz fostered curiosity and promoted Eco-conscious thinking among students. It also served as a platform to highlight the importance of individual responsibility in protecting the environment. Through this initiative, the club hoped to instill lasting interest and enthusiasm for ecological awareness and action.

DIGITAL POSTER MAKING COMPETITION ON “EARTH IN 2050”

The event of digital poster making “Earth in 2050” was organized on 30 April 2025, aimed at sparking creative thinking and environmental reflection through a digital poster-making competition. Centered on the theme of imagining the Earth in the year 2050, the event encouraged students to visually explore both utopian and dystopian futures shaped by human choices and environmental trends. By blending artistic expression with environmental consciousness, the competition provided a platform for students to envision the long-term impact of today's

actions on our planet. Through this initiative, the club aspired to promote deeper ecological awareness, critical foresight, and a sense of responsibility among the youth toward shaping a sustainable and hopeful future.



ENTREPRENEURSHIP CELL

The Entrepreneurship Cell of SKIT Jaipur successfully organized E-WEEK 2025, a four-day celebration of innovation, entrepreneurial thinking, and practical learning, from April 26 to 29, 2025. This initiative aimed to foster a start-up culture among students, increase their exposure to industry trends, and encourage active participation in entrepreneurial activities. The event was coordinated by the faculty team, led by Prof Monika Mathur,

Dr. Meenakshi Nawal, and Mr. Tarun Sharma, with the support of the E-Cell team. Their efforts ensured seamless execution, from event promotion to quiz delivery. Participants demonstrated enthusiasm and competitive spirit, with many appreciating the quiz& engaging format and its relevance to entrepreneurship.



E-Week at SKIT

INCUBATION CELL

The Incubation Cell, SKIT, organized a mentoring session featuring Mr. Angraj Swami, the Founder and CEO of ECOWRAP, a leading sustainability-driven startup based in Jaipur. The event aimed to enlighten students on the importance of leadership in the fields of sustainability, waste management, and social innovation. The seminar with Mr. Angraj Swami was a highly enriching experience

for all attendees. His deep knowledge, passionate delivery, and dedication to environmental sustainability left a lasting impression on everyone present. The discussion highlighted the importance of adopting sustainable practices in every aspect of business, particularly in packaging, and provided practical insights into how companies can contribute to reducing global plastic waste.

Mr. Swami's presentation not only informed but also inspired the audience to think critically about their roles in promoting sustainability, whether as future entrepreneurs, professionals, or responsible citizens.



Glimpses of the session

SKIT TOASTMASTERS CLUB

The SKIT Toastmasters Club was honored with the Corporate Recognition Award on May 22, 2025, by Toastmasters International for its commitment to empowering members with leadership and communication skills. This achievement has been recognized by top leadership at both national and international levels. DTM Gauri Sheshadri presented the award to Shri Jaipal Meel and Prof. S.L. Surana, Director of Academics, in acknowledgment of their efforts in nurturing the club and creating an environment that fosters growth and development.



Honour for SKIT Toastmasters Club

SCIENCE AND TECHNOLOGY CLUB

The Science and Technology (S&T) Club of our college continues to inspire and empower students through a vibrant series of events aimed at nurturing skills, fostering innovation, and connecting students with industry professionals. This session, the club has successfully organized several key initiatives for the student community, including:

Astro Hunt, one of the flagship events, brought the thrill of astronomy into an engaging experience. Participants decoded clues based on celestial objects, planetary numbers, and zodiac signs, all while navigating floors and blocks inspired by the mysteries of the universe. The event was a perfect blend of science, fun, and teamwork, and resulted in enthusiastic participation.



CODE FORMERS SERIES

A coding competition series held monthly, aimed at sharpening students' programming and problem-solving skills. This series provided a competitive environment and helped students gradually improve their performance through consistent practice. The club also recognizes top performers with monthly auto boot tags, encouraging self-improvement.



TECH TALK WITH MENTORS

S&T Club invited alumni and senior students who have secured prestigious internships and placements at top companies, including Google, Juspay, and Namma Yatri. The interactive talk provided attendees with real-world insights, preparation strategies, and career guidance straight from those who have walked the path. The event proved immensely beneficial for students seeking guidance for their



C BOOTCAMP

Offered hands-on learning at beginner levels and solidified the fundamentals. The sessions provided lectures on the C programming language to help participants practice, gain confidence, and prepare them for future competitions.



THE HUMAN SIDE

Happiness Unfiltered

Sometimes, when you crib at the guard of your institute for instructing you to drive to a said parking area owing to the repairing of the road within the campus...and accidentally you find yourself driving cringingly through a narrow alley, wherein the chilly air thick with the scent of earth and dust welcomes you with a broad smile...

The workers' residential area... tucked away on the rear side of the main campus... was a modest world of makeshift homes and small courtyards, where the sun barely filtered through the cluttered maze of corrugated roofs and hanging laundry. As I passed, the sounds of everyday life—a distant hammer striking metal, the chatter of women preparing meals, the faint cry of a child—created an almost rhythmic hum.

It was here that I was greeted with the wide, curious eyes of these godlike little ones... Their faces were smudged with dirt, their clothes patched with signs of both wear and resilience. But what struck me most was the energy they radiated, an eagerness that was so contagious that I just couldn't help but enter into their personal space. As soon as they saw me approaching, they surrounded me with the warmth of their unguarded innocence. Their little hands tugged at my sleeves, pulling me into their world without hesitation, without question.

"What's your name?" one of the boys asked, his voice tinged with both wonder and excitement.

I told him, and he repeated it several times, as if testing the rhythm of it on his tongue. His friends giggled and mirrored him, each of them trying to say it louder and clearer. The girls, with their bright eyes and wild curls, peered up at me with the same burning curiosity, their questions flowing one after another.

"Where do you live?" one girl asked, her head tilted in deep thought.

"Do you have toys like us?" another piped in, eyes alight with a mixture of envy and hope.

As the questions continued, I felt a deep hum in my chest—a mixture of joy and tenderness. It was as if these children, who had so little, were determined to offer me everything they had: their questions, their laughter, and their welcoming hearts. They weren't looking at me with judgment or wonder at my difference, but rather with the kind of enthusiasm that only comes from an open spirit—curious, unspoiled by the world's prejudices, and utterly generous.

I knelt to their level, my heart swelling as I watched them crowd around. One child handed me a small stone, a treasure in their world, and another tugged gently on my hand, leading me to an old swing that creaked under their weight. They didn't need to speak—they simply wanted to share, to connect in that fleeting, beautiful moment of innocence. In those few surreal moments of



immense joy, I felt a sense of timelessness in the air, as though I had stepped into a forgotten part of the world where the simplest gestures carried the most meaning. I realized, in that moment, that this was the beauty of connection—how these children, who had little to offer, gave so freely of themselves.

As I said my goodbyes and walked away, I could still hear their voices echoing in my ears. The warmth of their presence lingered in my heart, a reminder of the pure joy that comes from an inquisitive mind, an open heart, and the unwavering ability to welcome a stranger as if they weremine...undoubtedly....

Dr. Nidhi Sharma
Associate Professor
Department of English

LAST ISSUE'S

Cosmic Riddle Answers

 I'm not a clock, but I help tell time...
Answer: Zodiac Wheel

I have no surface, yet I can swallow worlds...
Answer: Black Hole 

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

TWO-WEEK ADVANCED FDP ON “EXPLORING ADVANCED AI AND DATA SCIENCE APPLICATIONS IN HEALTHCARE”

AICTE Training and Learning (ATAL) Academy Sponsored Two-Week Advanced Faculty Development Programme (FDP) on “Exploring Advanced AI and Data Science Applications in Healthcare” was successfully organized by Department of Computer Science & Engineering in the Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from 15th January, 2025 to 28th January 2025. The programme's primary objective was to provide the state-of-the-art trends and advancements of AI & Data Science in Healthcare and its Applications to the faculty members of different organizations.



ATAL FDP at the CSE Department

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

- TITLE** : Advancements and Applications of AI and ML Techniques in Breast Cancer Prognosis: A Comprehensive Survey
- AUTHOR/S** : Anurag Jagetiya & Pankaj Dadheech
- PROCEEDING** : In: Nanda, P., Srivastava, S., Verma, V.K., Vyas, P. (eds) Intelligent System and Data Analysis. SSIC-2023, Doctoral Symposium. Smart Innovation, Systems and Technologies, Vol 398, pp. 529-539, 2025.
- TITLE** : Intelligent Framework for Detection of Telecom Customer Churn Using Machine Learning Approach
- AUTHOR/S** : Neha Janu, Pankaj Dadheech, Krishna Kant, Sagar Kavaiya, Nilay Vaidya, Kanubhai K. Patel

PROCEEDING : In: Choudrie, J., Mahalle, P.N., Perumal, T., Joshi, A. (eds) ICT for Intelligent Systems. ICTIS 2024. Lecture Notes in Networks and Systems, Vol. 1109, pp. 493-502.

- TITLE** : Virtual Reality in Tourism Industry within the Framework of Virtual Reality Markup Language
- AUTHOR/S** : Basetty Mallikarjuna, Shiju Sebastian, Ramesh Chandra, Pankaj Dadheech, Madhvi Sharma
- PROCEEDING** : 2024 IEEE 3rd World Conference on Applied Intelligence and Computing (AIC), Gwalior, India, 2024, pp. 274-279

FDPs ATTENDED

- TITLE** : Deep Learning for Vision and Language
- DATE** : 09/12/24 to 14/12/24
- ATTENDED BY** : Pankaj Dadheech
- ORGANIZED BY** : AICTE Training And Learning (ATAL) Academy Faculty Development Program on “Deep Learning for Vision and Language” at The LNM Institute of Information Technology, Jaipur (Deemed To Be University).
- TITLE** : Mastering AI Tools for Faculty Excellence
- DATE** : 23/12/24 to 27/12/24
- ATTENDED BY** : Pankaj Dadheech
- ORGANIZED BY** : Department of CSE-Artificial Intelligence & Department of CSE- Artificial Intelligence and Machine Learning, Vishwakarma Institute of Information Technology, Pune in association with IEEE Computer Society Pune Chapter.

- TITLE** : Usage of Artificial Intelligence in Software Engineering
- DATE** : 06/01/25 to 10/01/25
- ATTENDED BY** : Pankaj Dadheech
- ORGANIZED BY** : Department of Information Technology, Arya College of Engineering & IT, Jaipur.

SESSION CHAIRED

- SESSION ON** : Chaired Technical Session entitled “Intelligent System & Applications”
- CHAIRIED BY** : Pankaj Dadheech
- DATE & VENUE** : February, 2025, “International Conference on Intelligent Computing and Networking (IC-ICN-2025) conference in MULTICON-W 2025, Thakur College of Engineering & Technology, Kandivali, Mumbai.

SESSION ON : Chaired Technical Session entitled "Cognitive Systems and Applications"

CHAIRED BY : Pankaj Dadheech

DATE & VENUE : December 10-12, 2024, 6th International Convention on Soft Computing and its Engineering Applications (icSoftComp2024) organized by Charotar University of Science and Technology (CHARUSAT), Changa, India held at Bangkok, Thailand.

SESSION ON : Chaired Technical Session entitled "Advanced Innovation Augmented with Intelligent Analytics"

CHAIRED BY : Pankaj Dadheech

DATE & VENUE : 13th September, 2024, "4th International Convention on Green Environment, Technology & Entrepreneurship through Innovation (ICGETEI-2024)", Organized by Esteemed Organization "Amity University Rajasthan, Jaipur".

EXPERT TALK DELIVERED

TITLE : Navigating the Deep and Dark Web: Myths vs. Reality

DATE & VENUE : 19th Oct, 2024, International Workshop on "Dark Web Workshop" facilitated by World Resources Webinar, World Economic Forum.

DELIVERED BY : Pankaj Dadheech

ONE WEEK STUDENT WORKSHOP ON "BLOCKCHAIN & WEB 3.0"

A one-week student workshop on "Block chain & Web 3.0" was conducted under the auspices of the IQAC and PAQIC from September 10th to 14th, 2024. The workshop aimed to introduce participants to the fundamentals of block chain and Web 3.0, along with their applications. Throughout the workshop, participants gained an understanding of the key concepts and recent advancements in block chain and Web 3.0 technology. By the end of the program, attendees were expected to grasp the technologies that will shape future applications. They also learned about real-world implementations of block chain and Web 3.0 technologies and explored how cryptography has impacted our lives. The workshop sessions were led by Mr. Pranshu Rastogi, Head of Ecosystem and Integrations at Push Protocol in Jaipur, and



Glimpses of the workshop

Ms. Ishita Rastogi, Product Brand Manager at Gelato, also based in Jaipur. Ms. Priyanka Sharma, Assistant Professor (CSE), along with Mr. Pawan Kumar Patidar and Mr. Vikram Khandelwal, coordinated the workshop. Technical assistance was provided by Mr. Chaturbujh Choudhary.

ONE WEEK STUDENT WORKSHOP ON "UNLOCKING THE POWER OF IOT"

A One Week Student Workshop was conducted on "Unlocking the power of IoT", under the aegis of IQAC & PAQIC, from 7th-11th October 2024. The Workshop was intended to introduce the fundamentals of IoT and its applications. Workshop sessions were taken by experts Mr. Atul Kumar, New Product Development Manager, NESSCO, Mr. Nawal, and Mr. Harsh Tenguriya, Technical Mentor. Mr. Atul and They provided a brief introduction to IoT, along with the various communication protocols. More emphasis was given to the use of sensors and actuators followed by hands-on training on different microcontroller boards. The workshop was coordinated by Dr. S. Sarabjeet Singh Sethi, Ms. Priyanka Sharma (CSE), and Mr. Dinesh Kumar. Technical assistance was supported by Mr. Chandan Singh Dhaked.



Glimpses of the workshop

EXPERT LECTURE ON "INTRODUCTION TO CLOUD COMPUTING AND AI"

On October 4, 2024, a one-day expert lecture titled "Introduction to Cloud Computing" was held to introduce the fundamentals of Cloud Computing and Artificial Intelligence. The event began with a warm welcome for Mr. Udayan Jain by Dr. Mehul Maharishi, Head of the Department of Computer Science and Engineering (CSE), who introduced Mr. Jain to the students and faculty. The lecture was coordinated by Dr. Niketa Sharma and Dr. Yogendra Kumar Gupta. The session officially started with a welcome to Mr. Jain on



Faculty with the expert speaker Mr. Udayan Jain

behalf of the CSE Department, followed by Prof. Mehul Maharishi expressing appreciation for Mr. Jain's participation on behalf of SKIT.

EXPERT LECTURE ON “EXPLAINABLE AI: HUMAN UNDERSTANDING”

The Department of Computer Science & Engineering organized an Expert Lecture titled “Explainable AI: Human Understanding” at JC Bose Auditorium on 24/09/24. The programme aimed to explore the critical intersection of explainable AI and human understanding. As AI systems become increasingly complex, ensuring transparency and interpretability is essential for fostering trust and enabling effective human-AI collaboration. Esteemed speaker Dr Chandra Prakash, SVNIT Surat, Gujarat told the importance of AI and also took a hands-on session. We appreciate the active participation of the students.



Glimpses of the event

BOOK CHAPTERS PUBLISHED

BOOK	: Challenges in Quantum Electronics and Machine Computing
AUTHOR/S	: Loveleen Kumar, RVV Krishna, S Radhakrishnan, Yudhishter Singh Bagal
BOOK CHAPTER	: Machine Learning-Driven Optimization of Battery Materials via Quantum Computing, pp-123-139, 2024
PUBLISHER	: IGI Global
BOOK	: Quantum Networks and Their Applications in AI
AUTHOR/S	: K. Praveen Kumar, Krishnan Bandyopadhyay, S. B. G. Tilak Babu, Anil Kumar, Sunil Singarapu, Rajesh Rajaan
BOOK CHAPTER	: QIoT: Fusing Quantum Networks and AI for Smart Systems Addressing Back Pain, pp 289-306, 2024
PUBLISHER	: IGI Global

BOOK	: Quantum Networks and Their Applications in AI
AUTHOR/S	: Loveleen Kumar, S. B. G. Tilak Babu, Manesh R. Palav, Anil Kumar, Vikas V. Pawar, Chigurupati Ravi Swaroop
BOOK CHAPTER	: Boosting Inference and Decision Making in Edge AI Networks through Quantum Computing and Collective Dynamics of 'Small-World' Networks, pp-98-113, 2024
PUBLISHER	: IGI Global
BOOK	: 6G Security Education and Multidisciplinary Implementation
AUTHOR/S	: Binay Kumar Pandey, Mukundan Appadurai Paramashivan, Digvijay Pandey, A.Shaji George, Ashi Agarwal, Pankaj Dadheech, Darshan A. Mahajan
BOOK CHAPTER	: A Recent Survey on 6G Vehicular Technology: Applications and Challenges pp. 337-350
PUBLISHER	: IGI Global
BOOK	: 6G Security Education and Multidisciplinary Implementation
AUTHOR/S	: Ashutosh Singh, K. Sankara Moorthy, Kavitha Rani Thipparaju, S. Bathrinath, Sanjeev Kumar Singh, Gaurav Kalra, Pankaj Dadheech
BOOK CHAPTER	: Commerce in the 6G Era: Adapting Business Strategies to Security Imperatives, pp.114-133
PUBLISHER	: IGI Global
BOOK	: 6G Security Education and Multidisciplinary Implementation.
AUTHOR/S	: S. Suresh kumar, R. Thamilselvan, K. Ush Rani, Vellayan Srinivasan, A. N. Arularasan, B. Yuvasri, Pankaj Dadheech
BOOK CHAPTER	: E-Commerce Resilience Strategies for Mitigating 6G Security Threats, pp. 154-171
PUBLISHER	: IGI Global
BOOK	: Security Issues and Solutions in 6G Communications and Beyond
AUTHOR/S	: M. Beulah Viji Christiana, Thaya Madhavi, S. Bathrinath, Vellayan Srinivasan, Mano Ashish Tripathi, B. Uma Maheswari, Pankaj Dadheech
BOOK CHAPTER	: Leadership in the Age of Holographic Connectivity: Securing the Future of 6G, pp. 120-140
PUBLISHER	: IGI Global
BOOK	: Security Issues and Solutions in 6G Communications and Beyond,
AUTHOR/S	: Shefali, S. Prema, Vishal Ashok Ingole,

	G. Vikram, Smita M. Gaikwad, H. Mickle Aancy, Pankaj Dadheech
BOOK CHAPTER	: Navigating 6G Challenges: A Managerial Perspective on Security Solutions -Strategic Insights, pp. 141-159
PUBLISHER	: IGI Global,
BOOK	: Security Issues and Solutions in 6G Communications and Beyond
AUTHOR/S	: Binay Kumar Pandey, Mukundan Appadurai Paramashivan, Digvijay Pandey, A. Shaji George, Ashi Agarwal, Darshan A. Mahajan, Pankaj Dadheech Dadheech, Sabyasachi Pramanik
BOOK CHAPTER	: Future Directions of Digital Twin Architectures for 6G Communication Networks, pp. 197-211
PUBLISHER	: IGI Global
BOOK	: Security Issues and Solutions in 6G Communications and Beyond
AUTHOR/S	: Binay Kumar Pandey, Digvijay Pandey, Ashi Agarwal, Darshan A. Mahajan, Pankaj Dadheech, A. Shaji George, Pankaj Kumar Rai
BOOK CHAPTER	: Beyond Data Breaches: Enhancing Security in 6G Communications, pp. 212-229
PUBLISHER	: IGI Global
BOOK	: Security Issues and Solutions in 6G Communications and Beyond
AUTHOR/S	: Digvijay Pandey, Sumeet Goyal, Kallol Bhaumik, Sonia Suneja, Manvinder Sharma, Pankaj Dadheech
BOOK CHAPTER	: A Systematic Review of Security Issues in 6G Networks and Communication, pp. 1-11
PUBLISHER	: IGI Global

BOOK PUBLISHED

TITLE	: Real-Time Data Decisions with AI and ChatGPT Techniques
AUTHOR/S	: Priyanka Sharma, Monika Jyotiyana, and A.V. Senthil Kumar
PUBLISHER	: IGI Global

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

TITLE	: A Study to Explore the Altered State of Consciousness Using Brain-Computer Interface (BCI)
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AUTHOR/S	: Pradeep Kumar Sharma, Pankaj Dadheech, Mukesh Kumar Gupta
PROCEEDING	: ICE-TEAS 2024. Lecture Notes in Networks and Systems, Vol. 1037, pp. 325-334, 2024. Springer, Published: 16 September 2024
TITLE	: Enhancing Medical Image Super-resolution through Generative Adversarial Networks and Transformer-based Joint Feature Learning
AUTHOR/S	: R. Balamanigandan, R. Mahaveerakannan, R. Yuvarani, Pankaj Dadheech, Sanwta Ram Dogiwal, Chour Singh Rajpoot, Digvijay Pandey
PROCEEDING	: Artificial Intelligence and Information Technologies, Proceedings of the 1st International Conference on Artificial Intelligence and Information Technologies 3-4 November 2023, Samarkand, Uzbekistan, Volume 2, pp. 1-5, CRC Press. Published: 31st July, 2024.
TITLE	: Accuracy Analysis of Text Detection and Recognition for Natural Scene Images using Deep Learning Model Compared over CNN
AUTHOR/S	: R. Mahaveerakannan, R. Balamanigandan, K. Sudhakar, Pankaj Dadheech, Sanwta Ram Dogiwal, Vinod Patidar, Digvijay Pandey
PROCEEDING	: Artificial Intelligence and Information Technologies, Proceedings of the 1st International Conference on Artificial Intelligence and Information Technologies 3-4 November 2023, Samarkand, Uzbekistan, Volume 2, pp. 1-5, CRC Press. Published: 31st July, 2024.

FDPs ATTENDED

TITLE	: Financial Education a Life Skills Under NEP 2020
DATE	: 09/07/2024 to 13/07/2024
ATTENDED BY	: Pankaj Dadheech
ORGANIZED BY	: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur in association with Bulls and Bears Associates
TITLE	: Outcome-based Education Implementation and Best Practices
DATE	: 01/07/2024 to 05/07/2024
ATTENDED BY	: Pankaj Dadheech
ORGANIZED BY	: ICFAI University, Jaipur

TITLE : Patent Filing and Prior Art Search
Mechanisms: A Practical Approach
DATE : 21/09/2024
ATTENDED BY : Pankaj Dadheech
ORGANIZED BY : Scheme for Transformational and Advanced
Research in Sciences (STARS), Ministry of
Education, Indian Institute of Science, IISc
Campus, Bangalore

M.TECH. SUPERVISED

DISSERTATION TOPIC : Design and Classification of
Cardiovascular Arrhythmia ECGs
Using Deep Learning
NAME OF STUDENT : Anjana Kumari
GUIDED BY : Pankaj Dadheech

SESSION CHAIRED

SESSION ON : Advanced Innovation Augmented with
Intelligent Analytics
CHAIRER BY : Pankaj Dadheech
DATE & VENUE : 13th September 2024, "4th International
Convention on Green Environment,
Technology & Entrepreneurship through
Innovation (ICGETEI-2024)", Amity
University, Jaipur.

EXPERT TALK DELIVERED

TITLE : Big Data Analytics for IoT
DATE & VENUE : 13th-17th August 2024, FDP on "Developing
Potentials- Emerging Technologies of
Computer Science" at Sri Balaji College of
Engineering & Technology, Jaipur, Rajasthan
DELIVERED BY : Pankaj Dadheech

TITLE : Future of Generative AI
DATE & VENUE : 13th July 2024, International Workshop on
"Generative AI" facilitated by World
Resources Webinar, World Economic Forum
DELIVERED BY : Pankaj Dadheech

SKIT TIMES DETAILS (01 FEBRUARY, 2025 TO 30 JUNE, 2025)

BOOK CHAPTERS PUBLISHED

BOOK : Artificial Intelligence and Communication
Techniques in Industry 5.0
AUTHOR/S : Dr. Archika Jain
BOOK CHAPTER : Industry 5.0: Security based on Optimal
Thresholding
PUBLISHER : CRC Press

BOOK : Artificial Intelligence and Machine Learning
for Business
AUTHOR/S : Ms. Priyanka Sharma
BOOK CHAPTER : Contemporary Inclinations and Forthcoming
Solicitations of AI and ML in Business
Transformation
PUBLISHER : IGI Global Scientific Publishing

BOOK : Role of Internet of Everything (IOE), VLSI
Architecture, and AI in Real-Time Systems
AUTHOR/S : Dr. Anjana Sangwan
BOOK CHAPTER : IOE and AI for Real-Time Social Behavior
Analysis
PUBLISHER : IGI Global Scientific Publishing

BOOK : The Intersection of 6G, AI/Machine Learning,
and Embedded Systems Pioneering
Intelligent Wireless Technologies
AUTHOR/S : Dr. Pankaj Dadheech
BOOK CHAPTER : Convergence of 6G, Blockchain, and
Intelligent Transportation Systems:
Pioneering Next-Generation Traffic
Management at Intersections
PUBLISHER : CRC Press

BOOK : AI's Role in Enhanced Automotive Safety
AUTHOR/S : Dr. Pankaj Dadheech
BOOK CHAPTER : The Quantum Leap: Integrating Quantum
Computing With AI for Next-Gen Automotive
Safety
PUBLISHER : IGI Global Scientific Publishing

BOOK : Circuit Design for Modern Applications
AUTHOR/S : Dr. Yogendra Kumar Gupta
BOOK CHAPTER : STT-MRAM based Cache Memory Design for
Multicore Systems
PUBLISHER : CRC Press

BOOK : Circuit Design for Modern Applications
AUTHOR/S : Dr. Yogendra Kumar Gupta
BOOK CHAPTER : Survey of Machine Learning-Augmented
TCAD Algorithms for Modeling GaN HEMTs
PUBLISHER : CRC Press

**"YOU NEVER FAIL
UNTIL YOU STOP
TRYING"**

BOOK : Data Driven Analytics with Healthcare.0
 AUTHOR/S : Mani Butwall
 BOOK CHAPTER : An Adequate Method for Diabetes Prediction
 Using Machine Learning Algorithms
 PUBLISHER : Apple Academic Press

BOOK : Integrated Technologies in Electrical,
 Electronics and Biotechnology Engineering
 AUTHOR/S : Dr. Archika Jain
 BOOK CHAPTER : Analysis of Round Robin Algorithm for load
 balancing in Cloud Computing
 PUBLISHER : Taylor & Francis

BOOK : Circuit Design Approach for Modern
 Applications
 AUTHOR/S : Dr. Niketa Sharma, Dr. Yogendra Gupta,
 Dr. Vinay Kanungo
 BOOK CHAPTER : of Comparative analysis of Machine
 Learning-Augmented TCAD Algorithms for
 Modeling of AlGa_N/Ga_N High Electron
 Mobility Transistors (HEMTs)
 PUBLISHER : CRC Press

BOOK : Circuit Design Approach for Modern
 Applications
 AUTHOR/S : Dr. Niketa Sharma, Dr. Yogendra Gupta,
 Dr. Vinay Kanungo
 BOOK CHAPTER : STT-MRAM based Cache Memory Design for
 Multicore Systems
 PUBLISHER : CRC Press

BOOK : Genomics at the Nexus of AI, Computer
 Vision, and Machine Learning
 AUTHOR/S : Dr. Meenakshi Nawal
 BOOK CHAPTER : Genomics and Machine Learning: ML
 Approaches, Future Directions and
 Challenges in Genomics
 PUBLISHER : John Wiley & Sons, Inc.

BOOK : Concepts and Applications of Brain
 Computer Interfaces
 AUTHOR/S : Dr. Pankaj Dadheech
 BOOK CHAPTER : Enhancing E-Learning with Brain-Computer
 Interface in Education
 PUBLISHER : IGI Global Scientific Publishing

BOOK : Advanced Secure Transmission of
 Telemedicine-Based Bio-Medical Images
 AUTHOR/S : Dr. Pankaj Dadheech
 BOOK CHAPTER : Quantum Cryptography for Biomedical
 Image Security in Next-Generation
 Telemedicine Networks
 PUBLISHER : IGI Global Scientific Publishing

BOOK : Brain-Computer Interfaces and Applications
 in Business
 AUTHOR/S : Dr. Pankaj Dadheech
 BOOK CHAPTER : Brain-Computer Interface-Controlled
 Smartphones for Streamlined Organizational
 Data Management
 PUBLISHER : IGI Global Scientific Publishing

BOOK : Brain-Computer Interfaces and Applications
 in Business
 AUTHOR/S : Dr. Pankaj Dadheech
 BOOK CHAPTER : Brain-Computer Interface Applications in
 Customer Experience: Secure Data
 Management
 PUBLISHER : IGI Global Scientific Publishing

BOOK PUBLISHED

TITLE : Microprocessors
 AUTHOR/S : Dr. Yogendra Kumar Gupta
 PUBLISHER : AICTE Ekumbh

PAPERS PRESENTED IN CONFERENCES

TITLE : Breast Cancer Diagnosis using Convolutional
 Neural Network
 AUTHOR/S : Dr. Archika Jain
 CONFERENCE : 2nd IEEE INTERNATIONAL CONFERENCE ON
 IoT, COMMUNICATION AND AUTOMATION
 TECHNOLOGY (ICICAT 2024)

TITLE : Analysis of Round Robin algorithm for load
 balancing in cloud computing
 AUTHOR/S : Dr. Archika Jain
 CONFERENCE : International Conference on Innovative Trends
 in Electrical, Electronics and Bio-Technology
 Engineering

TITLE : An extensive study of intrusion detection
 technologies, methodologies, and recent
 advances
 AUTHOR/S : Dr. Meenakshi Nawal
 CONFERENCE : International Conference on Pervasive
 Computing Advances and Applications

TITLE : Advanced Face Detection Using SVM and Haar
 like Features: A Comprehensive Approach in AI
 and Image Processing
 AUTHOR/S : Dr. Archika Jain
 CONFERENCE : 3rd International Conference on Advancement
 in Computation & Computer Technologies
 (InCACCT-2025)

NPTTEL / mooKIT / IITBX / SWAYAM COURSE COMPLETED

COURSE/ TOPIC : Data Analytics and Public Policy Fellowship
COMPLETED BY : Dr. Mehul Mahrishi
DURATION& CATEGORY : 1 January - 8 March 2025
COURSE/ TOPIC : Outcome-Based Pedagogic Principles for Effective Teaching
COMPLETED BY : Mr. Rajesh Kumar
DURATION& CATEGORY : Jan-April 2025, Elite

COURSES MENTORED

MENTOR/S : Microprocessors & Microcontrollers
COURSE/ TOPIC : Ms. Shanu Tripathi
DURATION : Jan-April 2025, Top Performing Mentor
MENTOR/S : Programming in JAVA
COURSE/ TOPIC : Mr. Mahender Kumar Beniwal
DURATION : Jan-April 2025, Top Performing Mentor

AWARD/ACHIEVEMENT

TITLE : RESERCH SUPERVISOR RECOGNITION
COMPLETED BY : Dr. Aakriti Sharma
ORGANIZED BY : AICTE/RTU
TITLE : Smart India Hackathon Mentor Award
COMPLETED BY : Mr. Shirish Nagar
ORGANIZED BY : Smart India Hackathon
TITLE : International Association for Engineers Membership ID- 500914
COMPLETED BY : Dr. Niketa Sharma
ORGANIZED BY : International Association of Engineers
TITLE : Shiksha Ratan Award 2024
COMPLETED BY : Mr. Harpreet Singh Gill
ORGANIZED BY : Taxila Business School

M.TECH. SUPERVISED

DISSERTATION TOPIC : A Deep Learning based Intrusion System: Leveraging prevention & Prediction for Enhanced Intruder Security
NAME OF STUDENT : Medha Khenwar
GUIDED BY : Dr. Meenakshi Nawal
DISSERTATION TOPIC : A Identification of Glaucoma from

Fundus Images Using Deep Learning Techniques

NAME OF STUDENT : Sandeep Singh
GUIDED BY : Nidhi Srivastav
DISSERTATION TOPIC : Crop Recommendation Based on Soil and Nature using Machine Learning
NAME OF STUDENT : BABITA KUMARI
GUIDED BY : Dr. Nilam

PATENTS PUBLISHED

TITLE : Automatic Municipal Water Dispensing System By using IOT and RTC
NAME : Mr. Shirish Nagar
PATENT FILED DATE : 20-02-2025
PATENT PUBLISHED DATE : 07-03-2025
TITLE : IoT-Based Wearable Medical Monitoring Device
NAME : Manish Bhardwaj, Sumit Kumar, Dr. Sunita Gupta, Neha Mathur, Upma Kumari, Priya Gupta, Dr. Priyanka Yadav, Mani Butwall
PATENT FILED DATE : 24-01-2025
PATENT PUBLISHED DATE : 26-03-2025
TITLE :
NAME : Manish Bhardwaj, Sumit Kumar, Pawan Kumar Patidar Dr. Kajal Mathur, Mamta Sakpal, Dr. Richa Rawal, Sanju Choudhary, Dr.Megha Gupta
PATENT FILED DATE : 24-01-2025
PATENT PUBLISHED DATE : 04-04-2025
TITLE : A System and Method for Multiclass Epileptic Seizure Classification using Electro Cetacean Optimized Multi Bidirectional Long Short-Term Memory Model
NAME : Dr. Pankaj Dadheech
PATENT FILED DATE : 09-06-2025
PATENT PUBLISHED DATE : 27-06-2025

TIME IS AN
ILLUSION

DEPARTMENT OF INFORMATION TECHNOLOGY

FDPs ATTENDED

TITLE	: RDBMS PostgreSQL
DATE	: 15/1/2025 to 20/1/2025
ATTENDED BY	: Ms. Nikhar Bhatnagar, Ms Shalini Singhal, Ms. Anjali Pandey, Mr. Naveen Jain
ORGANIZED BY	: Spoken Tutorial, IIT Bombay
TITLE	: Overleaf Tools
DATE	: 09/01/2025 to 11/01/2025
ATTENDED BY	: Ms. Nikhar Bhatnagar, Ms. Shalini Singhal, Mr. Naveen Jain
ORGANIZED BY	: Compucom Institute of Technology & Management, Jaipur
TITLE	: Data Science using Python
DATE	: 25/11/2025 to 29/11/2025
ATTENDED BY	: Dr. Priyanka Yadav, Ms. Nikhar Bhatnagar, Dr. Sunita Gupta, Ms. Shalini Singhal, Ms. Sanju Choudhary, Shikha Srivastava, Ms. Manju Choudhary
ORGANIZED BY	: NITTTR, Chandigarh
TITLE	: Deep Learning for Vision and Language
DATE	: 09/12/2024 to 14/12/2024
ATTENDED BY	: Dr. Priyanka Yadav, Ms. Sanju Choudhary, Dr. S.R. Dogiwal
ORGANIZED BY	: LNM Institute of Information Technology, Jaipur
TITLE	: "Exploring Advanced Data Science Tools, Techniques and Trends"
DATE	: 09/12/2024 to 14/12/2024
ATTENDED BY	: Dr. Sunita Gupta
ORGANIZED BY	: AICTE Training and Learning (ATAL)
TITLE	: "Block chain Governance Structures & Trust: From Theory to Practice"
DATE	: 23/12/2024 to 28/12/2024
ATTENDED BY	: Ms. Ritu Shukla
ORGANIZED BY	: Birla Institute of Technology, AICTE Training and Learning (ATAL)
TITLE	: "Design Thinking for Healthcare Innovation"
DATE	: 17/02/2025 to 22/02/2025
ATTENDED BY	: Ms. Ritu Shukla
ORGANIZED BY	: Global Institute of Technology, AICTE Training and Learning (ATAL)

TITLE	: "Cyber Security & Intrusion Detection Forensics"
DATE	: 20/01/2025 to 25/01/2025
ATTENDED BY	: Ms. Ritu Shukla
ORGANIZED BY	: Don Bosco Institute of Technology, AICTE Training and Learning (ATAL)

TITLE	: Artificial Intelligence and Optimization Techniques using MATLAB
DATE	: 7/10/2024 to 11/10/2024
ATTENDED BY	: Ms. Sanju Choudhary, Mr. Naveen Jain, Ms. Shalini Singhal
ORGANIZED BY	: Department of Electrical Engineering, SKIT, Jaipur (NITTTR Chandigarh)

TITLE	: Latest Tools & Trends in Artificial Intelligence
DATE	: 11/11/2024 to 16/11/2024
ATTENDED BY	: Ms. Sanju Choudhary
ORGANIZED BY	: Department of Computer Science and Engineering, VGU, Jaipur.

TITLE	: Data Science (ML&AI)
DATE	: 27/01/2025 to 01/02/2025
ATTENDED BY	: Mr. Naveen Jain
ORGANIZED BY	: E & ICT Academy IIT Kanpur

TITLE	: Electrical & Computer Engineering
DATE	: 4.01.2025 to 8.01.2025
ATTENDED BY	: Naveen Jain
ORGANIZED BY	: ATAL FDP

TITLE	: Data Analytics for Decision Making: Tool, Technique, And Application
DATE	: 3.02.2025 to 8.02.2025
ATTENDED BY	: Naveen Jain
ORGANIZED BY	: ATAL FDP

TITLE	: Smart cities emerging solution and sustainability
DATE	: 27.01.2025 to 31.01.2025
ATTENDED BY	: Naveen Jain
ORGANIZED BY	: SKIT, Jaipur

TITLE	: Finance planning and investment strategy
DATE	: 17.12.2024 to 21.12.2024
ATTENDED BY	: Naveen Jain
ORGANIZED BY	: SKIT, Jaipu

PAPERS PRESENTED/PUBLISHED IN CONFERENCES

TITLE	: Neural Network to detect Cervical Cancer early using Pap smear Images
AUTHOR/S	: Dr. Mithlesh Arya; Mr. Praveen Kumar Yadav; Ms. Abha Jain; Dr. Megha Gupta; Dr. Saroj Agarwal; Arvind Singh Rajpoot
CONFERENCE	: 7th International Conference on Contemporary Computing and Informatics (IC3I)

FACULTY DEVELOPMENT PROGRAMME ON “GRAPHICAL USER INTERFACE DESIGN USING THE ANGULAR FRAMEWORK”

The Department of Information Technology conducted a Faculty Development Program (FDP) on “Graphical User Interface Design Using the Angular Framework” for third-year students, held from September 23 to September 28, 2024. The special guests leading the training were Mr. Rahul Mahawar, Senior Software Engineer, and Mr. Rahul Kumar Jain, Software Engineer from Habilelabs Private Limited, India. They provided practical training on the Angular framework in the lab.

Angular is a free and open-source web application framework based on TypeScript, developed by the Angular Team at Google along with contributions from a community of individuals and corporations. The sessions of the FDP were coordinated by Ms. Richa Rawal, Ms. Sanju Chaudhary, Ms. Nikhar Bhatnagar, Dr. Priyanka Yadav, and Ms. Anjali Pandey from the IT department.



Glimpses of FDP

EXPERT LECTURE ON “AGILE FRAMEWORK AND SCRUM”

The Information Technology Department at Swami Keshvanand Institute of Technology, Management, and Gramothan in Jaipur organized an interactive expert session on “Agile Framework and Scrum” for second and third-year IT students on August 21, 2024. The special guest for this session was Mr. Nikhil Srivastava, Associate Director at Right Point India Pvt. Ltd. He provided 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 and Ms. Sanju Chaudhary from the IT department.



Glimpses of Event

ONE WEEK VIRTUAL FDP ON PHP & MYSQL

A week-long virtual Faculty Development Program (FDP) was jointly organized by Spoken Tutorial, IIT Bombay, the Department of Computer Science & Engineering, and the Department of Information Technology. The program aimed to provide practical exposure to PHP and MySQL, exploring research opportunities and challenges within these technologies. Participants gained insights into the current state of research and practices in PHP and MySQL. A total of 73 participants from SKIT registered for the event.

FDPs ATTENDED

TITLE : Artificial Intelligence and Optimisation Techniques using MATLAB
DATE : 07- 11 October 2024
ATTENDED BY : Ms. Nikhar Bhatnagar, Ms. Sanju Chaudhary, Ms Shalini Singhal
ORGANIZED BY : NITTTR Chandigarh & Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur

TITLE : “Five Days International Virtual FDP on “Exploring New Frontiers in Teaching Tools, AI, and Data Analytics”
DATE : 29/7/24 to 2/8/24
ATTENDED BY : Dr. Saroj Agrawal, Dr. Priyanka Yadav
ORGANIZED BY : MEASI Institute of Information Technology, Royapettah, Chennai

TITLE : Ethics & Integrity in Management Practices”
DATE : 22/7/24 to 26/7/24
ATTENDED BY : Dr. Saroj Agrawal, Dr. Priyanka Yadav, Ms. Nikhar Bhatnagar, Mr. Naveen Jain
ORGANIZED BY : Sushant University, Gurugram, India.

TITLE : PHP and MySQL
 DATE : 8-12 July 2024
 ATTENDED BY : Dr. Priyanka Yadav, Dr. Saroj Agarwal,
 Ms. Nikhar Bhatnagar, Ms. Shalini Singhal
 ORGANIZED BY : Spoken Tutorial Project, IIT Bombay.

TITLE : Five Days International FDP on "Full Stack
 Data Science Generative AI"
 DATE : 19-23 August 2024
 ATTENDED BY : Ms. Nikhar Bhatnagar
 ORGANIZED BY : Madanapalle Institute of Technology &
 Science, Madanapalle

TITLE : Online FDP on Cryptography and Network
 Security
 DATE : 16-19 September 2024
 ATTENDED BY : Ms. Ritu Shukla
 ORGANIZED BY : NITTTR, Chandigarh.

AWARDS RECEIVED

TITLE : Shiksha Ratan Award
 DATE : 5-9-2024
 ATTENDED : Mr. Naveen Jain, Ms. Shalini Singhal
 ORGANIZED BY : Ridhi Sidhi Mandal, Bharatiya Janata Party

PAPERS PRESENTED/PUBLISHED IN CONFERENCES

TITLE : "Digital Age Cyber Security for Addressing
 Challenges and Exploring New Technologies"
 AUTHOR/S : Dr. Saurabh Shandilya, Jameel Ahmed
 Qureshi, Shalini Singhal, Kamlesh Gautam,
 Devendra Kumar Somwanshi, Vaibhav
 Pradhan
 CONFERENCE : 2nd International Conference on Pervasive
 Computing Advances and Applications
 (PerCAA-2024)

SKIT TIMES DETAILS (01 FEBRUARY, 2025 TO 30 JUNE, 2025)

FDPs ATTENDED

TITLE : Next-Gen Innovation: AI, Block chain and
 AR/VR Metaverse for Digital Excellence
 DATE : 03-02-2025 to 08-02-2025
 ATTENDED BY : Dr. PriyankaYadav

ORGANIZED BY : AICTE Training and Learning (ATAL)
 Academy by Jain Deemed To Be University
 School of Computer Applications and IT

TITLE : Demystifying Outcome Based Education
 Excellence
 DATE : 30-04-2025 to 3-05-2025
 ATTENDED BY : Dr. PriyankaYadav, Dr. Richa Rawal, Sanju
 Chaudhary, Nikhar Bhatnagar, Mr. Jagendra
 Chaudhary
 ORGANIZED BY : SKITM &G

TITLE : Sales force Administrator
 DATE : 07-07-2025 to 11-07-2025
 ATTENDED BY : Ms. Nikhar Bhatnagar, Ms. Manju Choudhary,
 Dr. Richa Rawal, Mr. Naveen Jain, Mr. Manoj
 Raman, Ms. Anjali Pandey, Ms. Ritu Shukla
 ORGANIZED BY : SKIT, Jaipur

TITLE : Machine Learning & Deep Learning for
 Educators: Building a Foundation for Future
 Skills
 DATE : 23-06-2025 to 27-06-2025
 ATTENDED BY : Mr. Praveen Yadav, Ms. Nikhar Bhatnagar, Mr.
 Manoj Raman
 ORGANIZED BY : Poornima College of Engineering, Jaipur

NPTEL/COURSERA COURSES COMPLETED

COURSE/TOPIC : Educational Technology and ICT
 COMPLETED BY : Ms. Nikhar Bhatnagar
 DURATION & CATEGORY : JAN-APRIL (2025) Secured 88%
 (12 weeks course) Elite Medal

5 DAYS STUDENT WORKSHOP ON "EXPLORING DEVOPS"

The Information Technology Department at Swami Keshvanand Institute of Technology, Management, and Gramothan in Jaipur organized an interactive expert session on "Agile Framework and Scrum" for second and third-year IT students on August 21, 2024. The special guest for this session was Mr. Nikhil Srivastava, Associate Director at Right Point India Pvt. Ltd. He provided 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 and Ms. Sanju Chaudhary from the IT department.



Glimpses of the Workshop

DEPARTMENT OF MECHANICAL ENGINEERING

BOOK CHAPTERS PUBLISHED

BOOK	: Futuristic Trends in Mechanical Engineering
AUTHOR/S	: Raj Kumar
BOOK CHAPTER	: The Significance of Entropy and the Second Law of Thermodynamics: A Discussion, Vol. 3; pp. 1-10, 2024
PUBLISHER	: IIIP Series.

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

शीर्षक	: सौर-फोटो वोल्टिक तकनीक में नवाचार: हरित भविष्य के लिए दक्षता, स्थिरता एवं एकीकरण में सुधार
लेखक	: सुदेश गर्ग, मधुकर कुमार, चंद्र मोहन, अमित बंसल
संगोष्ठी कार्यवाही	: अभातशिप प्रायोजित नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार के लिए संधारणीय विकास में नवाचार, मेकैनिकल विभाग, एसकेआईटी जयपुर द्वारा आयोजित, पृष्ठ संख्या 33-38, अक्टूबर 2024
शीर्षक	: संधारणीय विनिर्माण उद्योग में आभासी वास्तविकता (वीआर) और इंटरनेट ऑफ थिंग्स (आईआईओटी) के माध्यम से आमूल परिवर्तन
लेखक	: सुदेश गर्ग, प्रेम सिंह, मधुकर कुमार, चंद्र मोहन कुमार
संगोष्ठी कार्यवाही	: अभातशिप प्रायोजित नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार के लिए संधारणीय विकास में नवाचार, मेकैनिकल विभाग, एसकेआईटी जयपुर द्वारा आयोजित, पृष्ठ संख्या 39-44, अक्टूबर 2024
शीर्षक	: ऊर्जा भण्डारण उपकरणों की समीक्षा
लेखक	: अमित कुमार बंसल, सुदेश गर्ग, प्रेम सिंह, मधुकर कुमार, चंद्र मोहन कुमार
संगोष्ठी कार्यवाही	: अभातशिप प्रायोजित नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार के लिए संधारणीय विकास में नवाचार, मेकैनिकल विभाग, एसकेआईटी जयपुर द्वारा आयोजित, पृष्ठ संख्या 49-51, अक्टूबर 2024
शीर्षक	: भारतीय स्मार्ट शहरों में ऊर्जा प्रबंधन: चुनौतियां एवं अवसर
लेखक	: चंद्र मोहन कुमार, अमित कुमार बंसल, सुदेश गर्ग, मधुकर कुमार
संगोष्ठी कार्यवाही	: अभातशिप प्रायोजित नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार के लिए संधारणीय विकास में नवाचार मेकैनिकल विभाग, एसकेआईटी जयपुर द्वारा आयोजित, पृष्ठ संख्या 61-66, अक्टूबर 2024
शीर्षक	: संभावनाओं का दोहन: ऊर्जा संरक्षण एवं स्थिरता के लिए बायोमास एकीकरण
लेखक	: मधुकर कुमार, चंद्र मोहन कुमार, सुदेश गर्ग, अमित बंसल

संगोष्ठी कार्यवाही	: अभातशिप प्रायोजित नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार के लिए संधारणीय विकास में नवाचार, मेकैनिकल विभाग, एसकेआईटी जयपुर द्वारा आयोजित, पृष्ठ संख्या 181-187, अक्टूबर 202
शीर्षक	: धातु मैट्रिक्स कॉम्पोजिट में घनत्व और रिक्तिओं का विश्लेषण: एल्युमिनियम 5083 में तांबा और निकल कणों
लेखक	: संजय बैरवा, मोनू गुप्ता, निखिल शर्मा, नमिता सोनी
संगोष्ठी कार्यवाही	: अभातशिप प्रायोजित नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार के लिए संधारणीय विकास में नवाचार, मेकैनिकल विभाग, एसकेआईटी जयपुर द्वारा आयोजित, पृष्ठ संख्या 83-90, अक्टूबर 2024
शीर्षक	: तांबा और निकल कणों से सुदृढ़ एल्युमिनियम 5083 धातु मैट्रिक्स यौगिकों के यांत्रिक गुणों की जांच: फ्लेक्सुरल और तन्यता व्यवहार का अध्ययन
लेखक	: संजय बैरवा, निखिल शर्मा, सुमिता हेमरोम, सौरभ गुप्ता
संगोष्ठी कार्यवाही	: अभातशिप प्रायोजित नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार के लिए संधारणीय विकास में नवाचार, मेकैनिकल विभाग, एसकेआईटी जयपुर द्वारा आयोजित, पृष्ठ संख्या 95-102, अक्टूबर 2024
शीर्षक	: एल्युमिनियम 6061 और 5083 मिश्र धातुओं में कणीय सुदृढ़ीकरण के प्रभाव का यांत्रिक गुणों पर तुलनात्मक
लेखक	: संजय बैरवा, मोनू गुप्ता, योगेश शर्मा
संगोष्ठी कार्यवाही	: अभातशिप प्रायोजित नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार के लिए संधारणीय विकास में नवाचार, मेकैनिकल विभाग, एसकेआईटी जयपुर द्वारा आयोजित, पृष्ठ संख्या 126-134, अक्टूबर 2024
शीर्षक	: हेयर सैलून की एर्गोनॉमिक्स और पर्यावरणीय स्थिरता का मूल्यांकन
लेखक	: योगेश कुमार शर्मा, विष्णु जांगिड़, संजय बैरवा और सौरभ गुप्ता
संगोष्ठी कार्यवाही	: अभातशिप प्रायोजित नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार के लिए संधारणीय विकास में नवाचार, मेकैनिकल विभाग, एसकेआईटी जयपुर द्वारा आयोजित, पृष्ठ संख्या 207-214, अक्टूबर 202

PAPERS PRESENTED IN CONFERENCES

TITLE	: Study of Corrosion and Wear Behavior of Composite Material for Wear Resistance Applications
AUTHOR/S	: Chandan Kumar
CONFERENCE	: 3rd International Conference on Recent Advances in Engineering (ICRAE 2024). Poornima College of Engineering, Jaipur, 20-21 December 2024.

FDP'S ATTENDED

TITLE	: Progress in Mechanical Engineering.
DATE	: 14 to 19 Oct 2024.

ATTENDED BY : Vikash Gautam, Deepak Kumar,
Sanjay Bairwa, Achin Srivastav, Vinay Singh
Marwal, Raj Kumar
ORGANIZED BY : SRMIST, Chennai

TITLE : Additive Manufacturing Advancements in
Different Applications.

DATE : 21 to 26 Oct 2024.

ATTENDED BY : Deepak Kumar, Vikash Gautam,
Sanjay Bairwa, Brij Mohan Sharma,
Prem Singh, Achin Srivastav

ORGANIZED BY : SRM Institute of Science & Technology, Tamil
Nadu, India.

TITLE : Cyber Security: Advanced Concepts and
Practices.

DATE : 21 to 25 Oct 2024.

ATTENDED BY : Nitin Goyal

ORGANIZED BY : AISSSMS Institute of Information
Technology.

TITLE : Data Science and Machine Learning
Applications for Engineering and Sciences.

DATE : 21 to 27 Oct 2024.

ATTENDED BY : Brij Mohan Sharma

ORGANIZED BY : Shri Vishnu Engineering College of Women
(Autonomous), Bhimavaram,

TITLE : Six-Day Online International Faculty
Development Program on Progress.

DATE : 14 to 19 Oct, 2024

ATTENDED BY : Sudesh Garg

ORGANIZED BY : SRM Institute of Science and Technology.

TITLE : Recent Advancement in AI & IOT- Industry
Perspective

DATE : 25 to 30 November, 2024

ATTENDED BY : Sanjay Bairwa

ORGANIZED BY : Periyar Maniammai Institute of Science &
Technology

TITLE : Artificial Intelligence Edge with Soft
Computing.

DATE : 9 to 14 December 2024

ATTENDED BY : Deepak Kumar

ORGANIZED BY : ATAL-AICTE

TITLE : Exploring the Research in Mechanical
Engineering for Sustainable Growth

DATE : 16 to 20 December 2024

ATTENDED BY : Brij Mohan Sharma

ORGANIZED BY : K.L.N. College of Engineering,
Pottapalayam, TN

TITLE : Outcome-based Education and
Accreditation Process.

DATE : 25 to 29 November, 2024

ATTENDED BY : Achin Srivastav

ORGANIZED BY : Curriculum Development Centre
Department, NITTTR Chandigarh

TITLE : Financial Planning & Investment Strategies.

DATE : 17 to 21 December 2024

ATTENDED BY : Achin Srivastav, Deepak Kumar, Raj Kumar,
Chandan Kumar

ORGANIZED BY : DMS, SKIT in association with Wealth
Pyramid Private Ltd

TITLE : Sustainable Manufacturing Practices and
Environmental Impact Optimization
Techniques

DATE : 9 to 14 December 2024

ATTENDED BY : Vikash Gautam

ORGANIZED BY : Dayanand Sagar College of Engineering.

TITLE : Sustainable Materials for Future Technology.

DATE : 16 to 21 December, 2024

ATTENDED BY : Vikash Gautam

ORGANIZED BY : Chandigarh College of Engineering

TITLE : Robotics and Industrial Automation.

DATE : 04 to 09 November, 2024

ATTENDED BY : Raj Kumar

ORGANIZED BY : CBIT at Hyderabad

TITLE : Data Science using Python.

DATE : 25 to 29 November, 2024

ATTENDED BY : Raj Kumar

ORGANIZED BY : NITTTR Chandigarh

TITLE : Open Source Applications in Engineering
Education.

DATE : 18 to 22 November, 2024

ATTENDED BY : Raj Kumar

ORGANIZED BY : NITTTR Chandigarh

TITLE : 21 Days Masterclass on Jetson AI.

DATE : 22 Nov to 12 December, 2024

ATTENDED BY : Sanjay Bairwa

ORGANIZED BY : Pantech e Learning.

TITLE : Recent Advancements in Solar Photovoltaic
Technology & Research Opportunities

DATE : 13 to 18 Jan, 2025

ATTENDED BY : Sumita

ORGANIZED BY : AICTE - ATAL

TITLE : AI and Digital Tools in Education.

DATE : 20 to 25 Jan, 2025

ATTENDED BY : Sumita

ORGANIZED BY : AICTE - ATAL

TITLE : Recent Development in Nano-electronics
Devices: Challenges and Opportunities.

DATE : 16 to 21 December 2024

ATTENDED BY : Chandan Kumar

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

CONFERENCE ORGANIZED

एआईसीटीई - वाणी द्वारा प्रायोजित नवीकरणीय ऊर्जा, एकीकरण और जलवायु सुधार के लिए संधारणीय विकास में नवाचार हेतु राष्ट्रीय संगोष्ठी (IRIS-2024)

स्वामी केशवानंद इंस्टिट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथान (SKIT), जयपुर में राष्ट्रीय संगोष्ठी (IRIS-2024, 24-26 अक्टूबर, 2024) का आयोजन किया गया, जिसे AICTE & VAANI द्वारा प्रायोजित किया गया था। इस संगोष्ठी का मुख्य उद्देश्य नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार में नवीन विकास को बढ़ावा देना था।

संगोष्ठी में संधारणीय विकास, स्वच्छ ऊर्जा, जलवायु परिवर्तन, कार्बन कैप्चर, ऊर्जा भंडारण और सरकारी पहलों जैसे महत्वपूर्ण विषयों पर चर्चा की गई। विभिन्न विशेषज्ञों ने अपने विचार प्रस्तुत किए, जिसमें से डॉ. राजेंद्र सिंह (वाटर मैन ऑफ इंडिया) ने जल संरक्षण और पारंपरिक जल प्रबंधन पर जोर दिया, जबकि श्री रिपुदमन मगोन ने जलवायु परिवर्तन और हरित ऊर्जा के महत्व पर प्रकाश डाला। डॉ. अनिल कुमार (दिल्ली तकनीकी विश्वविद्यालय) ने कार्बन उत्सर्जन और नवीकरणीय ऊर्जा की भूमिका पर चर्चा की, और प्रो. डी.के. जैन ने सतत विकास व नवाचार को लेकर अपने विचार साझा किए। सम्मेलन के दौरान कई तकनीकी सत्रों में शोधपत्र प्रस्तुत किए गए। इसके अतिरिक्त, प्रतिभागियों को जयपुर के हिंगोनिया गौशाला बायोगैस संयंत्र का दौरा कराया गया। कार्यक्रम के अंत में प्रतिभागियों को प्रमाण पत्र वितरित किए गए।

कुल मिलाकर, IRIS-2024 संगोष्ठी ने नवीकरणीय ऊर्जा और जलवायु सुधार के क्षेत्र में नवीन विचारों को बढ़ावा दिया और शोधकर्ताओं, शिक्षाविदों और नीति निर्माताओं को एक मंच प्रदान किया। कार्यक्रम के समन्वयक प्रोफेसर आशीष नैय्यर, यांत्रिकी विभाग, सह-समन्वयक डॉ. सविता चौधरी, प्रबंधन विभाग और आयोजक श्री दिनेश कु. शर्मा, असिस्टेंट प्रोफेसर, यांत्रिकी विभाग डॉ. चंदन कुमार, एसोसिएट प्रोफेसर, यांत्रिकी विभाग, श्री अंकित अग्रवाल, एसोसिएट प्रोफेसर, यांत्रिकी विभाग डॉ. मनीषा कौशिक, एसोसिएट प्रोफेसर, प्रबंधन विभाग थे।



Glimpses of the Conference

EXPERT TALK ON “MATERIALS CHARACTERIZATION IN THE AGE OF 3D PRINTING”

The Department of Mechanical Engineering at Swami Keshvanand Institute of Technology, Management and Gramothan (SKIT) hosted an insightful expert talk titled “Challenges in Materials Characterization in the Age of 3D Printing,” delivered by Prof. Nikhil Gupta, a distinguished professor from the Mechanical and Aerospace Engineering Department at New York University, USA. The event took place on August 8, 2024, providing a valuable opportunity for students and faculty members to gain deeper insights into the evolving field of 3D printing and the challenges related to materials characterization. Prof. Gupta shared his extensive knowledge and research findings, highlighting advancements in the field, current hurdles, and prospects.

The event began with a warm welcome from Prof. Dheeraj Joshi, the Head of the Mechanical Engineering Department, who expressed his gratitude for Prof. Gupta's presence and underscored the importance of expert interactions in enhancing the institution's academic and research capabilities. The program was coordinated by Dr. Deepak Kumar and Mr. Praveen Saraswat. It concluded with a vote of thanks from Prof. Joshi, who appreciated Prof. Gupta and all participants for their active involvement. Overall, the talk was a success, enriching the academic discourse on 3D printing at SKIT.



Glimpses of the event



Glimpses of the expert talk

BOOK CHAPTERS PUBLISHED

BOOK : Sustainability and Health Informatics
AUTHOR/S : Deepak Kumar
BOOK CHAPTER : Sustainability and Health Informatics, Vol. 1;
pp-99-120, 2024
PUBLISHER : Springer, Singapore

DATE : 2 to 6 September 2024.
ATTENDED BY : Nitin Goyal
ORGANIZED BY : ICFAI TECH, IFHE HYDERABAD

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

TITLE : Sustainable Development Methods for Drying Ginger
AUTHOR/S : Ankit Agarwal, Chandan Kumar, Dinesh Kumar Sharma, Naveen Kumar Sain, Nitin Goyal, Amit Jhalani, Arun Beniwal
PROCEEDING : 2nd International Conference on Environmental Pollution Abatement and Disaster Management, organized by the Department of Chemistry, SKIT Jaipur, pp-210-218, August 2024

TITLE : One Week National Level FDP on "Project Management in the Digital Age"
DATE : 9 to 14 September, 2024
ATTENDED BY : Sudesh Garg, Sanjay Bairwa, Prem Singh, Madhukar Kumar
ORGANIZED BY : Dept. of Mechanical Engineering of Sanjay Gandhi Polytechnic, Ballari.

TITLE : Random Forest approach optimized by the Grid Search process for predicting the dropout
AUTHOR/S : Raj Kumar
PROCEEDING : IEEE, GH Raosini College of Engineering, Nagpur, pp. - 1-6, August 2024

TITLE : Ergonomic Product Design
DATE : 9 to 13 September, 2024
ATTENDED BY : Sumita
ORGANIZED BY : NITTTR
TITLE : Institutional Management and Academic Administration
DATE : 5 to 9 August, 2024
ATTENDED BY : Sumita
ORGANIZED BY : NITTTR
TITLE : Mechanical Behaviour of Advanced Materials
DATE : 23 to 27 September, 2024
ATTENDED BY : Vikash Gautam, Sudesh Garg, Prem Singh, Achin Srivastav, Brij Mohan Sharma, Madhukar Kumar
ORGANIZED BY : Jeppiaar Institute of Technology, Sriperumbudur, Chennai

FDPs ATTENDED

TITLE : PHP and MySQL.
DATE : 8 to 12 July 2024.
ATTENDED BY : Prem Singh, Achin Srivastav, Deepak Kumar
ORGANIZED BY : SKIT, Jaipur

TITLE : Ethical Issues in Research Writing
DATE : 11 to 16 September, 2024
ATTENDED BY : Prem Singh, Achin Srivastav, Vikash Gautam, Brij Mohan Sharma
ORGANIZED BY : Regional College for Education Research and Technology, Jaipur

TITLE : Financial Education and Life Skills under NEP 2020.
DATE : 9 to 13 July 2024.
ATTENDED BY : Prem Singh, Achin Srivastav, Brij Mohan Sharma, Vinay Singh Marwal
ORGANIZED BY : SKIT, Jaipur

TITLE : Progress in Mechanical Engineering
DATE : 14 to 19 October, 2024
ATTENDED BY : Vikash Gautam, Deepak Kumar, Sanjay Bairwa, Vinay Singh Marwal, Saurabh Gupta
ORGANIZED BY : SRMIST, Chennai

TITLE : Electric Vehicles: Tribology and Additive Manufacturing.
DATE : 23 to 27 July 2024.
ATTENDED BY : Raj Kumar
ORGANIZED BY : VIT-AP.

TITLE : Engineering Application of Machine Learning
DATE : 15 to 19 July, 2024
ATTENDED BY : Deepak Kumar
ORGANIZED BY : SRM University Delhi NCR, Sonapat (Haryana), India.

TITLE : Advance Antenna Technologies for Sensing and Imaging Applications.

TITLE : Artificial Intelligence and Optimization Techniques using MATLAB.

DATE : 7 to 11 October, 2024
ATTENDED BY : Sanjay Bairwa, Brijmohan Sharma,
Arun Beniwal
ORGANIZED BY : SKIT, Jaipur

SKIT TIMES DETAILS (01 FEBRUARY, 2025 TO 30 JUNE, 2025)

ONE-WEEK STUDENT WELLNESS PROGRAM ON “LIFE SKILLS AND ETHICS”

A one-week Student Wellness Program on “Life Skills and Ethics” was organized from April 8 to 12, 2025, by the Departments of Mechanical Engineering, Management Studies, and the Office of Student Affairs at SKIT, Jaipur. The program began with an inaugural ceremony, where Shree Surja Ram Ji Meel, Chairman of SKIT, delivered a keynote address highlighting the importance of ethics, self-awareness, and responsible decision-making.

On Day 2, Dr. Anchal Uppal conducted a yoga and meditation session, emphasizing physical and mental well-being. Day 3 featured Dr. Neha, a dietitian from EHCC Hospital, who spoke on nutrition and healthy eating habits. On Day 4, motivational speaker Shriman Girdhari Das engaged students with a session on The Art of Mind Control, discussing focus, discipline, and inner peace. The final session on Day 5 was conducted by Prof. B. K. Sharma, who spoke about Human Values and Social Responsibilities. The program concluded with a vote of thanks by Dr. Ashish Nayyar. Coordinated by Dr. Ashish Nayyar, Dr. Savita Choudhary, and Dr. Chandan Kumar, the program was well-received by around 150 students and proved to be a valuable initiative in promoting ethical, emotional, and personal growth.

One-Week FDP on “Next Generation Renewable Energy Technologies”

The Department of Mechanical Engineering at SKIT Jaipur successfully organized a five-day online Faculty Development Programme (FDP) on “Next Generation Renewable Energy Technologies” from May 6 to May 10, 2025. The programme aimed to upskill faculty members and researchers in emerging areas of sustainable and renewable energy.

The FDP was inaugurated with a keynote address by Prof. P.M.V. Subbarao, IIT Delhi, who spoke on “New Measures for Suitability to Highlight the Superiority of Bio Energy.” The following days featured expert sessions by eminent speakers including Dr. B.L. Salvi (CTAE Udaipur) on green hydrogen, Dr. K.B. Rana (RTU Kota) on nanomaterials for solar receiver tubes, Dr. Abhishek Tripathi

(ACE, Andhra Pradesh) on solar energy for sustainable mining, and Prof. Dilip Sharma (MNIT Jaipur) on ethanol fuelling in IC engines. Over 275 participants from 100+ institutions across India attended the FDP. The sessions were interactive, and participants appreciated the technical depth and relevance of the topics.

The FDP concluded with a valedictory session and the presentation of the technical report. The department expressed gratitude to all speakers, participants, and organizers for making the event a grand success.



FIVE-DAY STUDENT WORKSHOP ON “DATA ANALYTICS (SWDA)”

The five-day student workshop on Data Analytics (SWDA) began on 14th April 2025 with an inaugural function graced by the presence of Prof. Gunjan Soni, Associate Professor, Department of Mechanical Engineering, MNIT, Jaipur, and Prof. Dheeraj Joshi, Head of the Department of Mechanical Engineering, SKIT Jaipur. The organizing team, including Dr. Deepak Kumar, Dr. Achin Srivastav, Dr. Manoj Sain, Mr. Sudesh Garg, Ms. Namita Soni, Mr. Arun Beniwal, Dr. Prem Singh, and Mr. Saurabh Gupta, was also present to coordinate the event and ensure the smooth execution of the inaugural function.

In total, there were 60 participants from CS, IOT, AI, and Mechanical Engineering streams. The objective of the workshop was to introduce the basic concepts and to know about the various tools & techniques of Data Analytics, which were successfully met by the informative lectures of the distinguished Experts.

On the first day, Dr. Gunjan Soni, Associate Professor, Department of Mechanical Engineering, MNIT, Jaipur, conducted a session on Descriptive Analysis, followed by hands-on practice on Excel software. Students learnt the various useful tools and techniques in this session.

The Second and third session was conducted by Dr. Devesh Kumar, Assistant Professor, ICFAI University, Dehradun, in which the significance of Time Series with various methods like moving

average, Naïve-based, and exponential smoothing was discussed. Holt's method of forecasting, Correlation, and regression analysis was also discussed.

On the fourth day, Dr. Achin Srivastav explained the use of machine learning and the ROC curve with various examples.

On the fifth day, Prof. Gunjan Soni explained the significance of hypothesis testing in research with various examples, and a hands-on practice session was conducted with a few statistical tests in MS Excel. Students learnt about the significance of Null and alternative hypotheses.

During the valedictory session, Dr. Deepak Kumar presented a comprehensive summary of the five-day Data Analytics workshop and expressed gratitude by delivering the vote of thanks to the resource persons, Prof. Gunjan Soni and Dr. Devesh Kumar. He expressed his heartfelt gratitude towards Prof. Dheeraj Joshi, Head of the Department of Mechanical Engineering, SKIT, for his continuous support and encouragement throughout the workshop. He also thanked the organizing team members for their valuable contributions and the participants for their enthusiastic engagement and patient learning throughout the workshop. The valedictory session was coordinated by Dr. Achin Srivastav and the organizing team.



Glimpses of the Student Workshop

BOOKS PUBLISHED

TITLE : Study of SVPWM-based Shunt Active Power Filter.
AUTHOR/S : Chandan Kumar
PUBLISHER : Lambert Academic Publishing, 2025.

TITLE : Enhanced MPPT for Solar PV Using Modified PSO: Simulation & Assessment.
AUTHOR/S : Chandan Kumar
PUBLISHER : Lambert Academic Publishing, 2025.

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

TITLE : Eco-Friendly 3D Printing - Repurposing Plastic Waste into Green Filaments: A Review
AUTHOR/S : Vinay Singh Marwal, Brij Mohan Sharma, Vishnu Jangid
PROCEEDING : Journal of Emerging Trends in Engineering, Sciences and Technology, Vol. 8; Issue 1; March, 2025.

FDPs ATTENDED

TITLE : Data Analytics for Decision Making: Tools, Techniques, and Applications.
DATE : 3 to 8 Feb 2025.
ATTENDED BY : Deepak Kumar, Chandan Kumar
ORGANIZED BY : SKIT, Jaipur.

TITLE : Welding in the Digital Age: Emerging Trends and Advanced Technologies.
DATE : 7 to 11 April 2025.
ATTENDED BY : Achin Srivastav
ORGANIZED BY : Kongunadu College of Engineering and Technology, Trichy.

TITLE : Harnessing Virtual Labs for Effective Student Engagement.
DATE : 17 to 21 March 2025.
ATTENDED BY : Saurabh Gupta, Pramod Jain.
ORGANIZED BY : Lendi Institute of Engineering & Technology with NITK SURATHKAL.

TITLE : Navigating the Green Revolution: Integrating Electric Vehicles and Hydrogen Fuel Technologies for Sustainable Mobility.
DATE : 3 to 8 Feb, 2025
ATTENDED BY : Ankit Agarwal
ORGANIZED BY : AICTE Training and Learning (ATAL) Academy at Kamaraj College of Engineering & Technology.

TITLE : Energizing Sustainability: Electric Vehicles and their Contribution in Environmental Conservation.
DATE : 10 to 15 Feb, 2025.
ATTENDED BY : Ankit Agarwal
ORGANIZED BY : AICTE Training and Learning (ATAL) Academy at Kamaraj College of Engineering & Technology.

TITLE : Next Generation Renewable Energy Technologies- (NGRES-2025).
DATE : 6 to 10 May, 2025
ATTENDED BY : Monika Khurana
ORGANIZED BY : SKIT, Jaipur.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TITLE : Demystifying Outcome-Based Education.
DATE : 29 April to 3 May, 2025.
ATTENDED BY : Dharmendra Hariyani, Manoj Kumar Sain,
Amit Jhalani, Sudesh Garg, Vishnu Jangid,
Brij Mohan Sharma, Namita Soni,
Mohammed Suhaib, Sunil Kumar, and
Chandra Mohan Kumar.
ORGANIZED BY : SKIT, Jaipur.

TITLE : ATAL FDP on Energizing a Sustainable Future:
E-Waste Management and Climate Action.
DATE : 27 Jan to 1 Feb, 2025.
ATTENDED BY : Manoj Kumar Sain
ORGANIZED BY : MNIT Jaipur and AICTE

TITLE : Advancements in Marine Engineering:
Integrating Materials, Systems, and
Technologies for Modern Shipbuilding and
Operations.
DATE : 21 to 29 April, 2025.
ATTENDED BY : Amit Jhalani, Sunil Kumar,
Vinay Singh Marwal
ORGANIZED BY : AMET University.

TITLE : Smart Cities: Emerging Solutions and
Sustainability.
DATE : 27 Jan to 1 Feb, 2025.
ATTENDED BY : Chandan Kumar
ORGANIZED BY : SKIT, Jaipur.

TITLE : Hybrid Manufacturing.
DATE : 17 to 21 Feb, 2025.
ATTENDED BY : Vinay Singh Marwal, Nikhil Sharma
ORGANIZED BY : NITTR

TITLE : Digital Transformation in Additive
Manufacturing.
DATE : 19 to 23 May, 2025.
ATTENDED BY : Brij Mohan Sharma, Vinay Singh Marwal
ORGANIZED BY : Electronics & ICT Academy, MNIT Jaipur.

WORKSHOPS ATTENDED

TITLE : Five Days (Hybrid) National workshop on
"Metal matrix Composites: Exploring New
Frontiers in Manufacturing & Automation".
DATE : 3 to 7 March 2025.
ATTENDED BY : Monu Gupta
ORGANIZED BY : Anand-ICE, Jaipur

TITLE : Wellness Program on Life Skills and Ethics.
DATE : 8 to 12 April, 2025.
ATTENDED BY : Monika Khurana
ORGANIZED BY : SKIT, Jaipur.

FDPs ATTENDED

TITLE : ATAL FDP on Navigating Recent Trends and
Challenges in Semiconductor Devices
DATE : 16 to 21 December, 2024
ATTENDED BY : Mr. Abhinandan Jain, Mr. Harshal Nigam,
Dr. JP Vijay, Dr. Kiran Rath, Ms Mamta Jain,
Dr. Monika Mathur, Dr. Pallav Rawal,
Ms. Priyanka Sharma, Mr. Rahul Pandey,
Ms. Rajni Idiwa, Dr. Shubhi Jain,
Dr. Suman Sharma, Dr Vikas Pathak,
Mr. Harshal Nigam
ORGANIZED BY : SKIT

TITLE : Robotics and Industrial Automation
DATE : 4 to 11 November 2024
ATTENDED BY : Gloria Joseph
ORGANIZED BY : Chaitanya Bharathi Institute of Technology
(A), Hyderabad

TITLE : Advanced and Sustainable Engineering
Technology
DATE : 6 to 10 January 2025
ATTENDED BY : Gloria Joseph
ORGANIZED BY : O.P. Jindal University Raigarh

EXPERT LECTURE ORGANIZED

TOPIC : Semiconductor IC Fabrication
SPEAKER : Mr. Nikhil Saini of Zepto Microwave
DATES : 7 November 2024

TOPIC : Expert Talk and Poster presentation
competition
SPEAKER : Mr. Rajesh Kr. Panwar, ITS, IES 1992, and
Retired PGM of BSNL (Rajasthan Telecom
Circle)
DATES : 19 October 2024

FACULTY ACHIEVEMENTS/AWARDS

TITLE	: Grant of Rs 3,50,000 FDP on "Navigating Recent Trends and Challenges in Semiconductor Devices"
NAME	: Dr. Praveen Kr. Jain
ORGANISATION	: AICTE- ATAL
DURATION	: 16/12/2024 - 22/12/2024.

LECTURE SERIES ON "RECENT TRENDS IN ELECTRONICS AND COMMUNICATION ENGINEERING"

A One Week Lecture Series was organized on "Recent Trends in Electronics and Communication Engineering" from 18th- 22nd November, 2024, in association with IEEE- MTTs Student Chapter under the event coordinators Dr. Kiran Rathi, Dr. Suman Sharma, Dr. Shubhi Jain, and Dr. Vikas Pathak. The event commenced with a session on Recent Trends in VLSI Design, delivered by Prof. Vineet Sahula. The talk highlighted the advancements in integrated circuit technology, focusing on innovative design techniques and challenges in scaling. Participants gained insights into the importance of VLSI in modern electronics and its applications in industries like automation and communication. The session set the tone for a technically enriching. The 5-day event successfully achieved its objective of fostering knowledge exchange and skill development across diverse technological domains. Each session, led by distinguished speakers, provided participants with in-depth insights into cutting-edge topics such as VLSI design, signal processing, IoT, antennas, and space technologies. The interactive format of the event encouraged active participation and engagement, creating a collaborative environment for learning and innovation. Attendees left with a deeper understanding of these rapidly evolving fields and their real-world applications.



The event not only expanded the technical knowledge of participants but also inspired them to explore interdisciplinary approaches to problem-solving. By addressing current challenges

and future trends, the sessions equipped attendees with tools to innovate in their respective domains. The success of the event highlights the importance of such platforms in research, fostering collaboration, and paving the way for future advancements. The final day concluded with an expert session by Prof. Suresh Raju C. Pillai on Microwave Probing Techniques for Geophysical Parameters and Payload Space Qualifications. The talk bridged the fields of geophysics and space technology, showcasing advanced microwave probing techniques. Prof. Pillai emphasized their applications in environmental monitoring and space exploration. The session provided a fitting end to a week of diverse and thought-provoking discussions.



Glimpses of the Lecture Series

ATAL FDP ON NAVIGATING RECENT TRENDS AND CHALLENGES IN SEMICONDUCTOR DEVICES AND CHALLENGES IN SEMICONDUCTOR DEVICES

AICTE Training and Learning (ATAL) Academy sponsored Faculty Development Programme on 'Navigating Recent Trends and Challenges in Semiconductor Devices' was conducted from 6 to 21 December 2024 under the coordination of Dr. Praveen Kr. Jain and Dr. Neeraj Jain. The ATAL Faculty Development Programme empowered engineering faculty specializing in semiconductor material science. It fostered a deeper understanding of the critical connections between engineering principles, cutting-edge semiconductor technology, and the science of materials. Through a blend of hands-on training and theoretical knowledge, the program equipped participants with specialized expertise and practical skills for innovation. This included advancements in

semiconductor material design, fabrication, and application. Ultimately, faculty will be able to seamlessly integrate contemporary industry knowledge into their curriculum, preparing the next generation of highly qualified professionals for this critical sector. The Sessions and pedagogy had a duration of six days (Monday to Saturday), along with 25 hours of teaching in ten equal sessions. The 5 hours of practical/labs/ experiential learning sessions were conducted for one hour each, 4 hours of article discussion of one hour each, 3 hours each for MCQs, reflective journal, and feedback, and 4 hours for an Industrial visit. The eminent speakers of the FDP were Dr. Sudeb Dasgupta Professor, Indian Institute of Technology, Roorkee (Research Field included Ultra Low Power, Adiabatic Logic for Portable Applications, Low Power Application, Sub threshold Logic Design, , Radiation Effects on ICs, Design and Development of 6T FinFET Based Rad Hard SRAM Cell), Dr. Praveen Kumar Associate Professor, Indian Association for the Cultivation of Science, Kolkata (Research field: Materials Science, Nano science and Technology, Energy Harvesting Devices and Next-generation Sensors, Dr. Menka Yadav Assistant Professor, Malviya National Institute of Technology Jaipur (Research Field: Digital and Analog CMOS circuits, Machine learning approaches & applications to VLSI Design, Modelling And Simulation, EDA for VLSI/Embedded-Systems, Device Characterization and MEMS), Dr. Anurag Gaur Associate Professor, Netaji Subhas University Of Technology (NSUT), New Delhi (Research Field: Energy Conversion and Storage Devices, Functional Nanomaterial), Dr. Shashi Kant Sharma Assistant Professor, Indian Institute of Information Technology, Ranchi (Research Field: Modeling and Simulation of Semiconductor Devices. Fabrication and Characterization of Thin Film Devices, LP-VLSI Design) along with other experts.



Glimpses of the ATAL FDP

EXPERT LECTURE DELIVERED

Professor Shibani Kishen Koul, an Honorary Professor at IIT Delhi was invited for an expert talk on Transmission Lines for High speed/High-frequency Integrated Circuits on 21 August 2024. Expert Dr. SK Koul, Professor, IIT Delhi shared his experiences and told the participants how to plan a roadmap to build a career in IC fields. The expert made the session interactive by sharing his valuable insights, suggesting that students work hard to reach their goals, and researching how the developed technology will impact society. Dr. Mukesh Arora HOD, ECE Dr. PK Jain Deputy Head, ECE, Dr. Neelam Chaudhary Branch Counselor IEEE Student Branch, and many faculty members attended the session.



Expert Talk by Mr. Koul

THREE-DAY STUDENT WORKSHOP ON PCB DESIGNING AND FABRICATION

The Center of Excellence (CoE) in Antenna, Microwave, and RF Engineering organized a three-day student workshop on PCB design and Fabrication. This event took place from September 26 to September 28, 2024, at Swami Keshvanand Institute of Technology, Management and Gramothan (SKIT) and was guided by several esteemed faculty members.

On the first day, the workshop focused on "PCB Designing using Proteus Software," under the direction of Dr. Kiran Rath, Dr. Suman Sharma, Dr. Vikas Pathak, and Mr. Dinesh Kumar. The second day was led by Dr. Pallav Rawal, Associate Professor at SKIT, and covered "PCB Fabrication." Finally, on the third day, participants learned about "Designing, Debugging, and Fabricating a PCB using a CNC Machine," guided by Dr. Deepak Nair, Associate Professor of ECE at LNMIT, Jaipur.



Student Workshop

INDUSTRIAL VISITS BY THE ECE DEPARTMENT

The Industrial Visit, organized by the Centre of Excellence for Antenna, Microwave, and RF Engineering in collaboration with the Department of Electronics and Communication Engineering (ECE) at SKIT, occurred on September 21, 2024. The purpose of this visit was to provide students with practical insights into operational



Industrial Visits

processes, technologies, and management practices. This experience aimed to enhance their understanding of the theoretical concepts learned in lectures. The students gained practical insights into the R&D processes in the electronics sector, understood the importance of innovation in driving technological advancement, and recognized the impact of research institutes like CEERI in national development and industry support.

BOOK CHAPTERS PUBLISHED

BOOK	: Springer Tracts in Electrical and Electronics Engineering
AUTHOR/S	: Praveen Kumar Jain, Abhinandan Jain, Neeraj Jain, Lalit Kumar Lata
BOOK CHAPTER	: Resistive-Gate Field-Effect Transistor: A Potential Steep-Slope Device, pp. 291-305, 2024
PUBLISHER	: Springer.
BOOK	: Nanoscale Semiconductor Devices Fundamentals and Applications
AUTHOR/S	: Praveen Kumar Jain
BOOK CHAPTER	: Recent Trends in Perovskite-Based Solar Cells, pp. 233-257, 2024
PUBLISHER	: Central West Publishing

FDPs ATTENDED

TITLE	: PHP and My SQL
DATE	: 8 to 12 July, 2024
ATTENDED BY	: Rukhsar Zafar, Swati Arora, J P Vijay, Neeraj Jain, Suman Sharma, Priyanka Sharma, Mamta Jain, Rajni Idiwai, Rahul Pandey, Harshal Nigam
ORGANIZED BY	: Spoken Tutorial
TITLE	: RCNMCT
DATE	: 9 to 14 September, 2024
ATTENDED BY	: Harshal Nigam
ORGANIZED BY	: Koneru Lakshmaiah Education Foundation, Guntur.
TITLE	: FMRIE
DATE	: 25 July to 8 August, 2024
ATTENDED BY	: Harshal Nigam
ORGANIZED BY	: Sri Sairam Engineering College
TITLE	: Recent Trends in Wireless Communications and Networks
DATE	: 23 to 27 July, 2024
ATTENDED BY	: Shubhi Jain
ORGANIZED BY	: VIT-AP University
TITLE	: Fourier series and Fourier Transform
DATE	: 12 to 17 August 2024
ATTENDED BY	: Gloria Joseph
ORGANIZED BY	: Anant Gyan
TITLE	: IoT and Embedded System
DATE	: 24 to 27 September 2024
ATTENDED BY	: Neeraj Jain
ORGANIZED BY	: NITTTR

Ph.D. AWARDED

THESIS TITLE	: Investigation of Resistive Switching Characteristics of Metal Oxide Memory Devices
Ph.D. AWARDED TO	: Lalit Lata
SUPERVISED BY	: Praveen Kumar Jain
INSTITUTE	: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
YEAR	: 2024

PATENTS PUBLISHED

TITLE	: A Device for Soldering Electronic Components by Reflow Soldering Technique and the Process Thereof
NAME	: Kiran Rathi, Pooja Chaudhary
PATENT FILED DATE	: Application No. 202011044614; 13 October 2020
PATENT PUBLISHED DATE	: 24 September, 2024

EXPERT LECTURE ORGANIZED

TOPIC	: ISRO'S Chandrayaan Missions and Microwave Remote Sensors: An Expedition to Space"
SPEAKER	: Ms. Harshita Tolani, Scientist & RF Engineer, Space Applications Centre, Ahmedabad, ISRO
DATES	: 23 August 2024

FACULTY ACHIEVEMENTS/AWARDS

AWARD TITLE	: Vice-Chairperson
NAME	: Monika Mathur
ORGANISATION	: IETE Rajasthan section
DURATION	: 2024-26
AWARD TITLE	: SIKSHA RATNA
NAME	: Kiran Rathi
ORGANISATION	: Bhartiya Janta Party
DURATION	: 2024



**SKIT TIMES DETAILS
(01 FEBRUARY, 2025
TO 30 JUNE, 2025)**

BOOK CHAPTERS PUBLISHED

BOOK	: Proceedings of the International Conference on Engineering and Technology 2025 (PiCET 2025)
AUTHOR/S	: Rajni Idiwai, Monika Mathur
BOOK CHAPTER	: Design and optimization of multiband Thz antenna arrays for high performance 6G and IoT wireless communication pp. 2732-4494, May 2025.
PUBLISHER	: IET.
BOOK	: Proceedings of International Conference on "Parul University International Conference on Engineering and Technology 2025 (PiCET 2025)"
AUTHOR/S	: Rajni Idiwai, Monika Mathur
BOOK CHAPTER	: Design and performance analysis of hybrid cross-shaped THz antenna for 6G applications, pp. 2732-4494, May 2025.
PUBLISHER	: IET.

FDPs ATTENDED

TITLE	: FDP on AI Tools
DATE	: 17 to 21 February, 2025
ATTENDED BY	: Mr Harshal Nigam
ORGANIZED BY	: Anjuman Institute of Technology and Management
TITLE	: ATAL FDP on Wearable Electronics for Biomedical Applications
DATE	: 17 to 22 February, 2025
ATTENDED BY	: Mamta Jain
ORGANIZED BY	: Sri Eshwar College Of Engineering
TITLE	: NITTTR FDP on CAD Practices to Achieve Curriculum Goals
DATE	: 17 to 21 March 2025
ATTENDED BY	: Dr Neeraj Jain
ORGANIZED BY	: NITTTR, Chandigarh
TITLE	: FDP on Cyber security Threats and Legal Issues
DATE	: 17 to 22 February, 2025
ATTENDED BY	: Mamta Jain
ORGANIZED BY	: Mangalmay Institute of Engineering and Technology, Greater Noida
TITLE	: Smart Environment: technologies, applications and future trends.
DATE	: 21 to 26 April 2025
ATTENDED BY	: Dr. Shubhi Jain
ORGANIZED BY	: Anant Gyan Knowledge and Skills Private Limited.

TITLE : Advanced Digital Signal Processing,
Electronics & ICT Academy
DATE : 26 May to 4 June 2025
ATTENDED BY : Gloria Joseph
ORGANIZED BY : MNIT Jaipur

EXPERT LECTURE ORGANIZED

TOPIC : Project Management and Finance
SPEAKER : Mr. Vikas Mathur
DATES : 14 February 2025

FACULTY ACHIEVEMENTS/AWARDS

TITLE : Mentor at India Design Week 2025
NAME : Dr. Mukesh Arora
ORGANISATION : Lovely Professional University, Punjab
DURATION : 29 to 30 April 2025

5TH INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN NANO ELECTRONICS AND COMMUNICATION TECHNOLOGIES

The International Conference on "Advancement in Nano-electronics & Communication Technologies (ICANCT-2025)" was a two-day event focused on presenting current research in the fields of Communication, Nano electronics, Photonics, Wireless Communication, Mobile Communications, the Internet of Things, Machine Learning and Artificial Intelligence, Antenna and Wave Propagation, and VLSI technology. The conference aimed to gather scientists, researchers, academics, industry experts, aspiring professionals, and students from around the world. The scope of the conference included the latest research findings presented as theoretical models, assessments of environmental impact, advancements in security and defense technology, innovative designs, enhancements to existing frameworks, sustainable technological development, and contributions to societal welfare. This gathering attracted some of the brightest minds globally to discuss various facets of energy technology from a multidisciplinary viewpoint.

Professor Pretam Kumar from IIT Patna served as the chief guest at the inaugural ceremony, accompanied by Guest of Honor Dr. Debabrata Sikdar from IIT Guwahati, as well as Dr. Jaume Anguera from the E&T Engineering University Ramon Llull in Barcelona, Spain. The inauguration also featured Prof. S. L. Surana, Director (Academics), Prof. Monika Mathur, Dr. Pallav Rawal, Prof. Mukesh Arora, the Conference Chair and Head of ECE & OFA, and Prof. P. K. Jain, the Conference Convener. Out of 95 papers submitted to the conference, 35 were selected for presentation. The conference concluded with a valedictory session, during which Dr. Srinivas Rao served as the guest of honor.

DEPARTMENT OF ELECTRICAL ENGINEERING

(FDP) ATTENDED

TITLE : Methodologies of Renewable Energy Systems
Research and Implementation Analysis
DATE : 20 to 24 January, 2025
ATTENDED BY : Vivek Sharma
ORGANIZED BY : J.P. College of Engineering, Chennai.

NPTEL COURSE COMPLETED

COURSE/ TOPIC : Technical English for Engineers
COMPLETED BY : Virendra Swaroop Sangtani
DURATION & CATEGORY : August to October 2024 (8 weeks).
Awarded Elite + Silver Certificate

STUDENT WORKSHOP ON "ELECTRIC VEHICLE TECHNOLOGIES"

The Electrical Engineering Department at SKIT, in collaboration with the IE Student Chapter, successfully conducted a six-day workshop on "Electric Vehicle Technologies" from 14th to 19th October 2024. Practical training sessions were delivered by an industry expert from Technos Center of Excellence, allowing students to gain real-world skills in electric vehicles and Industry 4.0 technologies. Dr. Sarfaraz Nawaz, The head of the Department inaugurated the workshop. During the event, Deputy Head Mr. Vikas Mahala highlighted that electric vehicles will play a crucial role in meeting future energy demands. The workshop convener, Dr. Prateek Kumar Singhal, mentioned that students had the latest technical knowledge and practical training. Coordinators Mr. Tarun Naruka and Mr. Deepak Saini played a significant role in organizing the workshop.



Student Workshop at the Electrical Dept.

EXPERT TALK DELIVERED

TITLE	: Photo Voltaic Inverter and Controller for Inverter
DATE & VENUE	: 17th September 2024, Sri Balaji College of Engineering and Technology, Jaipur
DELIVERED BY	: Dr Bharat Modi

NPTEL COURSES COMPLETED

COURSE/ TOPIC	: Advanced Power Electronics and Their Control
COMPLETED BY	: Dr. Bharat Modi
DURATION & CATEGORY	: July-December 2024-25 (Topper)

SKIT TIMES DETAILS (01 FEBRUARY, 2025 TO 30 JUNE, 2025)

INTERNATIONAL CONFERENCE ON “ADVANCED COMPUTING TECHNIQUES IN ENGINEERING AND TECHNOLOGY”

The two-day AICTE sponsored international conference on “Advanced Computing Techniques in Engineering and Technology,” was organized on 12th February 2025 at Swami Keshwanand Institute of Technology, Jaipur by the Dept. of Electrical Engineering. The conference featured 45 research papers on advanced technologies. Experts and students from across the country participated in both online and offline mode. The aim of conference was to share and discuss the latest advancements in computing and engineering. The Chief Guests of the conference were Professor D.K. Palwalia (RTU, Kota), Professor R.C. Bansal (Sharjah University, UAE), and Pankaj K. Verma (Ministry of Power). The keynote sessions included discussions on AI's social impact and smart power systems. The first day focused on research related to computing, data analysis, and machine learning, while on the second day smart energy systems and optimization related topics were covered. The hybrid format allowed nationwide participation. The conference was coordinated by Dr. Ankush Tandon and Dr. Pooja Jain (Dept. of EE)



Glimpses of the Conference

FDP ON “DEMYSTIFYING OUTCOME BASED EDUCATION”

The Departments of Electrical Engineering & Information Technology at Swami Keshwanand Institute of Technology, Management and Gramothan, Jaipur organized a 5 days FDP on “Demystifying Outcome Based Education” from 29th April to 3rd May, 2025. The primary objective of this FDP was to provide faculty members with a comprehensive understanding of OBE principles, methodology, and implementation. More than 55 faculty members participated in this FDP. The FDP was coordinated by Dr. Virendra Swaroop Sangtani, Mr. Vivek Sharma (Dept. of EE) and Dr. Vipin Jain (Dept. of IT)



Glimpses of the FDP

PAPERS PRESENTED IN CONFERENCES

TITLE	: Emission Based Energy Management Framework for Networked Microgrids using Edge-Fog Computing.
AUTHOR/S	: Vikas Ranveer Singh Mahala, Anshul Kumar Yadav, Dipti Saxena, Rajesh Kumar.
CONFERENCE	: 5th IEEE International Conference on Sustainable Energy and Future Electric Transportation (IEEE SeFet 2025)
TITLE	: Analysis of fixed-frequency sliding mode controller based maximum power point tracking scheme for photovoltaic-fed DC microgrid
AUTHOR/S	: Tarun Naruka, Devendra Somwanshi, Ravindra Panchariya and Prangya Mohanty
CONFERENCE	: 5th IEEE International Conference on Sustainable Energy and Future Electric Transportation (IEEE SeFet 2025)
TITLE	: Smart Grid Integration: Comparing AMR, DR and ESS Techniques for Safety, Efficiency & Cost-Effective Adoption
AUTHOR/S	: Vivek Sharma, Dr. Virendra Swaroop Sangtani
CONFERENCE	: International conference on “Advanced Computing Techniques in Engineering and Technology,” (SKIT) Jaipur.

FDP ATTENDED

TITLE : Machine learning and deep learning for educators: Building a foundation for future skills

DATE : 23 to 27 June, 2025

ATTENDED BY : Vikas Mahala, Tarun Naruka, Deepak Saini

ORGANIZED BY : Department of Advanced Computing, Poornima College of engineering, Jaipur, Rajasthan

BOOK CHAPTERS PUBLISHED

TITLE : Technical Challenges and Innovations in AI Enhanced Haptic Systems for Healthcare", Integrating AI with Haptic Systems for Smarter Healthcare Solutions

AUTHOR : Geeta Tiwari, Sanjeev Kumar, Neeraj Tiwari, Korhan Cengiz

PUBLISHER : IGI Global pp. 27-45, 2025

TITLE : "Enhancing Healthcare Solutions with Machine Learning-Driven Adaptive Haptic Systems", Integrating AI with Haptic Systems for Smarter Healthcare Solutions

AUTHOR : Geeta Tiwari, Sanjeev Kumar, Neeraj Tiwari, Korhan Cengiz

PUBLISHER : IGI Global pp. 171-184, 2025

DEPARTMENT OF CIVIL ENGINEERING

BOOK CHAPTERS PUBLISHED

BOOK : Recent Research Trends in Computer Science and Mathematics

AUTHOR/S : Pooja Gupta

BOOK CHAPTER : Advanced Tools in Geotechnical Engineering: Mathematical Perspectives, pp-14-24, 2025

PUBLISHER : Cosmic Book Publishers Pvt. Ltd.

BOOK : Recent Development in Structural Engineering: Select Proceedings of 13th Structural Engineering Convention

AUTHOR/S : Sunita Tolani

BOOK CHAPTER : Progressive Collapse Analysis of Reinforced Concrete Buildings, pp-67-74, 2024

PUBLISHER : Springer Nature Singapore

BOOK : Recent Development in Structural Engineering: Select Proceedings of 13th Structural Engineering Convention

AUTHOR/S : Sunita Tolani

BOOK CHAPTER : Seismic Performance Evaluation of Base Isolated Building Frame with LRB under the Action of Main shock and Aftershock, pp. 101-109, 2024

PUBLISHER : Springer Nature Singapore

PAPERS PRESENTED IN CONFERENCES

TITLE : Experimental investigation on the effect of cement type on the usage of ceramic waste as fine aggregate in mortars

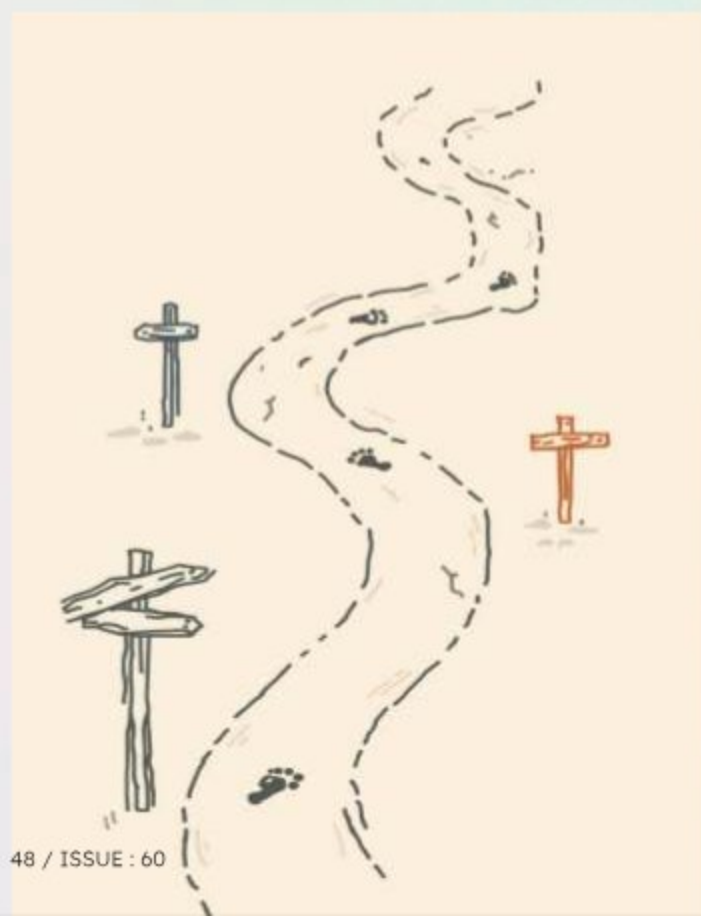
AUTHOR/S : Abhishek Jain

CONFERENCE : 5th International Conference on Trends and Recent Advances in Civil Engineering (TRACE-2024), Amity University, Uttar Pradesh, India, 15 to 16 October 2024

TITLE : Analytical Study on the Behaviour of Structural Elements in Adjacent Buildings in Case of Seismic Pounding

AUTHOR/S : Ankur Mishra

CONFERENCE : 7th International Conference on Energy Systems, Drives and Automation, Dumka



Engineering College, Dumka, Jharkhand,
India, 14 to 15 December 2024

DATE : 03-09 December 2024
ATTENDED BY : Jetender Babulal Jangid
ORGANIZED BY : Navarasam Arts and Science College for
Women (ATAL Online)

TITLE : Sustainable Concrete Mixtures: Analyzing the
Impact of Glass and Granite Fines on
Microstructure and Mechanical Properties

AUTHOR/S : Kishal Lal Jain
CONFERENCE : 14th Structural Engineering Convention
(SEC-2024), NIT Trichy, Tamil Nadu, India, 12
to 14 December 2024

TITLE : Sustainable Engineering Practices:
Integrating Energy Efficiency and Climate
Change Resilience

DATE : 16-21 December 2024
ATTENDED BY : Jetender Babulal Jangid
ORGANIZED BY : TTAADC Polytechnic Institute (ATAL Online)

TITLE : Effect of Different Types of Bracing Systems
on the Seismic Response of RC Building

AUTHOR/S : Sunita Tolani
CONFERENCE : 14th Structural Engineering Convention
(SEC-2024), NIT Trichy, Tamil Nadu, India, 12
to 14 December 2024

TITLE : Application of AI in Civil Engineering
DATE : 16-21 December 2024
ATTENDED BY : Gaurav Gupta, Nishant Sachdeva, Pooja Jain
ORGANIZED BY : K.D.K. College of Engineering, Nagpur

TITLE : Progressive Collapse Analysis of RC Building

AUTHOR/S : Sunita Tolani
CONFERENCE : 14th Structural Engineering Convention
(SEC-2024), NIT Trichy, Tamil Nadu, India, 12
to 14 December 2024

TITLE : Urban Development of Smart Cities and
Mobility

DATE : 30 December 2024-04 January 2025
ATTENDED BY : Jetender Babulal Jangid
ORGANIZED BY : Shri Balasaheb Mane Shikshan Prasarak
Mandals Ashokrao Mane Group of
Institutions Vathar (ATAL Online)

FDPs ATTENDED

TITLE : Accreditation and Outcome-Based Learning
DATE : August to October, 2024
ATTENDED BY : Kishan Lal Jain, Nandini Moondra
ORGANIZED BY : NPTEL

TITLE : Green Energy Solutions: Building a Sustainable,
Carbon-Neutral World
DATE : 13-18 January, 2025
ATTENDED BY : Jetender Babulal Jangid
ORGANIZED BY : College of Engineering Muttathara
(ATAL Online)

TITLE : Advanced Geomatics Engineering
DATE : July to October, 2024
ATTENDED BY : Abhishek Jain
ORGANIZED BY : NPTEL

TITLE : Defect Free Construction Repair and
Maintenance
DATE : 16-20 January, 2025
ATTENDED BY : Bharathi M.
ORGANIZED BY : NITTTR, Chandigarh

TITLE : Innovation in Sustainable Development for
Renewable Energy Integration and Climate
Change
DATE : 24-26 October, 2024
ATTENDED BY : Sitaram Saini, Nandini Moondra, Kishan Lal Jain
ORGANIZED BY : Swami Keshvanand Institute of Technology,
Management and Gramothan, Jaipur

TITLE : AI-Powered Urban Futures: Advancing
Sustainability in Smart Cities
DATE : 06-11 January, 2025
ATTENDED BY : Jetender Babulal Jangid
ORGANIZED BY : Jodhpur Institute of Engineering and
Technology (ATAL Online)

TITLE : Air Pollutants: Implications, Monitoring and
Modelling

DATE : 18-22 November, 2024
ATTENDED BY : Sitaram Saini, Nandini Moondra,
Kishan Lal Jain
ORGANIZED BY : Indian Space Research Organization (ISRO)

TITLE : Indian Health, Wellness & Psychology
(including Ayurveda)
DATE : 20-25 January, 2025
ATTENDED BY : Jetender Babulal Jangid
ORGANIZED BY : Nehru College Of Engineering and Research
Centre (ATAL Online)

TITLE : Transforming Healthcare: Recent Advances
in Nanotechnology for Medical Application &
Radiation Treatment

TITLE : Holistic Disaster Management: Linking
Resilient Infrastructure with Sustainability

DATE : 20-25 January, 2025
ATTENDED BY : Bharathi M.
ORGANIZED BY : National Institute of Technology Calicut
(ATAL Online)

DISSERTATION TOPIC : Problem of Parking in Alwar City
and Their Possible Solutions
NAME OF STUDENT : Garima Dixit
GUIDED BY : Nishant Sachdeva, D.K. Sharma

TITLE : Sustainable and Cutting-Edge Technologies
in Civil Engineering

DATE : 21-29 January, 2025

ATTENDED BY : Akash Johari

ORGANIZED BY : Lingaya's Vidyapeeth, Haryana

TITLE : Smart Cities: Emerging Solutions and
Sustainability

DATE : 27-31 January, 2025

ATTENDED BY : Abhishek Jain, Akash Johari, Ankur Mishra,
Deepak Sharma, Gaurav Gupta,
Jetender Babulal Jangid, Jitendra Kumar
Vyas, Kishan Lal Jain, Nandini Moondra,
Nishant Sachdeva, Pawan Patidar,
Pooja Jain, Rakesh Choudhary,
Sitaram Saini, Sunita Tolani,
Nikhil Kumar Sharma

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

NPTEL / mooKIT/ IITBX / SWAYAM COURSE COMPLETED

COURSE/ TOPIC : Accreditation and Outcome-Based
Learning

COMPLETED BY : Kishan Lal Jain

DURATION & CATEGORY : August to October, 2024 (8 weeks).
Awarded Elite + Silver Certificate

COURSE/ TOPIC : Accreditation and Outcome-Based
Learning

COMPLETED BY : Nandini Moondra

DURATION & CATEGORY : August to October, 2024 (8 weeks).
Awarded Elite + Gold (Top 5%)
Certificate

COURSE/ TOPIC : Advanced Geomatics Engineering

COMPLETED BY : Abhishek Jain

DURATION & CATEGORY : July to October 2024 (12 weeks).
Awarded Elite + Silver Certificate

M.TECH. SUPERVISED

DISSERTATION TOPIC : Characterization of Micro
surfacing Mixes with Reclaimed
Asphalt Pavement (RAP)

NAME OF STUDENT : Deepesh Kumar Gupta

GUIDED BY : Nishant Sachdeva, Ankit Sharma

PAPER REVIEWED

TITLE : Dynamic mechanical behavior of sandstone
under static-dynamic combined cyclic impact

REVIEWER NAME : Bharathi M

JOURNAL : International Journal of Geomechanics, ASCE

TITLE : A Procedure for Addressing the Soil
Abutment Interaction Problem in the Safety
Assessment of Bridges

REVIEWER NAME : Bharathi M

JOURNAL : Soil Dynamics and Earthquake Engineering,
Elsevier

TITLE : Seismic Response Study of the Coss
Interchange Subway Station based on
shaking table test

REVIEWER NAME : Bharathi M

JOURNAL : Journal of Earthquake and Tsunami

TITLE : Unveiling the Claims Trigger in Public
Construction Projects: An In-Depth Analysis

REVIEWER NAME : Rakesh Choudhary

JOURNAL : Jordan Journal of Civil Engineering

TITLE : Pull-Out Strength of Cast-In Versus Post
Installed Connectors in Ultra-Thin UHPC
Members with POM Fibers

REVIEWER NAME : Rakesh Choudhary

JOURNAL : Journal of Building Engineering

NPTEL / mooKIT/ IITBX / SWAYAM COURSE COMPLETED

TITLE : 5th International Conference on Trends and
Recent Advances in Civil Engineering
(TRACE-2024), Amity University, Uttar
Pradesh, India

REVIEWER NAME : Abhishek Jain and Pooja Gupta

EXPERT TALK DELIVERED

TITLE : Advanced Concrete Technology

DATE & VENUE : 17 October 2024. At Engineering Staff
Training Institute, Jaipur

DELIVERED BY : Rakesh Choudhary

TITLE : Advanced Concrete Technology
 DATE & VENUE : 05 November 2024. At Engineering Staff Training Institute, Jaipur
 DELIVERED BY : Rakesh Choudhary

TITLE : Advanced Concrete Technology
 DATE & VENUE : 18 November 2024. At Engineering Staff Training Institute, Jaipur
 DELIVERED BY : Rakesh Choudhary

TITLE : Advanced Concrete Technology
 DATE & VENUE : 3 December 2024. At Engineering Staff Training Institute, Jaipur
 DELIVERED BY : Rakesh Choudhary

TITLE : Advanced Concrete Technology
 DATE & VENUE : 16 December 2024. At Engineering Staff Training Institute, Jaipur
 DELIVERED BY : Rakesh Choudhary

TITLE : Maintenance and Repair of RCC Structures
 DATE & VENUE : 23 January, 2025. At Engineering Staff Training Institute, Jaipur
 DELIVERED BY : Rakesh Choudhary

ICI FEST 2024

The student chapter of the Indian Concrete Institute organized ICI Fest'24 from November 8th to 10th, 2024, at SKIT Jaipur. The inaugural ceremony was graced by the presence of Shri Jaipal Meel (Director, SKIT), Dr. Ramesh Kumar Pachar (Principal), Dr. R. K. Jain (Dean), Prof. D. K. Sharma (Head of the Civil Engineering Department), along with the heads of various other departments of SKIT. The major events of the fest included Brick O



Brick, EV Workshop, Bowling Alley, Coordination Clash, Webathon, Drone Workshop, etc. The key highlight of the fest was the 'Expo,' an amalgamation of technical evolution and innovation. Around 3,539 students from various institutions participated in the fest. Mr. Anirudh Mathur was the faculty coordinator of the event.

STUDENT WORKSHOP ON 'MS EXCEL-BASIC TO ADVANCED'

The 'MS Excel: Basic to Advanced' workshop was conducted from November 25th to 29th, 2024. The workshop aimed to equip students with essential skills in Microsoft Excel. It drew participation from 35 enthusiastic students eager to enhance their proficiency in Excel. Dr. Pooja Jain and Dr. J. K. Vyas coordinated the event.



FDP ON SMART CITIES: EMERGING SOLUTIONS AND SUSTAINABILITY

The five-day online faculty development program on "Smart Cities: Emerging Solutions and Sustainability" was organized by the Department of Civil Engineering, Swami Keshvanand Institute of Technology, Management and Gramothan (SKIT), Jaipur from 27-31 January, 2025. The faculty development program covered various aspects of smart city including transportation infrastructure, climate resilient design, sustainable technologies, and development of sustainable habitats, IOT applications, recycled smart materials, and vehicle pollution control. The online FDP received more than 300 registrations, out of which around 150 participants completed and received their participation certificates. Dr. Pooja Gupta was the Co-ordinator of the program, and Dr. Bharathi M. was the Organizing Secretary of the event.



STUDENT WORKSHOP ON STRUCTURAL ANALYSIS AND DESIGN

A five-day student workshop on Structural Analysis and Design was organized by the Department of Civil Engineering at Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur from 9 to 13 September 2024. The workshop drew participation from 30 enthusiastic students eager to enhance their structural analysis & design proficiency from final and pre-final year civil engineering graduates. During the workshop, students were taught the techniques of earthquake-resistant building design. Dr. Sunita Tolani, Assistant Professor, served as the workshop coordinator, and Ankur Mishra, Assistant Professor, played the role of organizing secretary.



Student Workshop at Civil Department

PAPERS PRESENTED IN CONFERENCES

TITLE : Experimental investigation on the effect of cement type on the usage of ceramic waste as fine aggregate in mortars

AUTHOR/S : Abhishek Jain

CONFERENCE : 5th International Conference on Trends and Recent Advances in Civil Engineering (TRACE 2024), Amity University, Uttar Pradesh, India

FDPs ATTENDED

TITLE : Subsurface Exploration: Importance and Techniques Involved

DATE : July to September, 2024

ATTENDED BY : Pooja Gupta

ORGANIZED BY : NPTEL

TITLE : Advanced Materials and Techniques for the Repair and Strengthening of Concrete Structures

DATE : 23 to 27 September, 2024

ATTENDED BY : Gaurav Gupta, Pooja Gupta and Pooja Jain

ORGANIZED BY : R.V.R & J.C. College of Engineering, Andhra Pradesh

TITLE : Financial Education and Life Skills under NEP 2020

DATE : 09- 13 July 2024

ATTENDED BY : Pooja Jain, Jitendra Kumar Vyas, Kishal Lal Jain, Akash Johari, Pooja Gupta, Sunita Tolani

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

TITLE : PHP and MySQL

DATE : 08-12 July 2024

ATTENDED BY : Pooja Gupta

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

WORKSHOPS ATTENDED

TITLE : Field-Oriented Challenges in Civil Engineering

DATE : 5 to 9 August, 2024

ATTENDED BY : Pooja Jain, Pooja Gupta and Sunita Tolani

ORGANIZED BY : NIT Jamshedpur

WORKSHOPS ORGANIZED

TITLE : ETABS: Building Analysis and Design

DATE : 09 - 13 September, 2024

ORGANIZED BY : Ankur Mishra and Sunita Tolani

NPTEL / mooKIT/ IITBX / SWAYAM COURSE COMPLETED

COURSE/ TOPIC : Subsurface Exploration: Importance and Techniques Involved

COMPLETED BY : Pooja Gupta

DURATION & CATEGORY : July to September 2024 (8 -week). Awarded Silver Certificate (Topper 5%)

PAPERS REVIEWED IN CONFERENCES

REVIEWER NAME : Abhishek Jain and Pooja Gupta

DATE & VENUE : 15 to 16 October 2024, Amity University, Uttar Pradesh, India

CONFERENCE : 5th International Conference on Trends and Recent Advances in Civil Engineering (TRACE-2024)

EXPERT TALK DELIVERED

TITLE : Repair and Maintenance of Buildings
DATE & VENUE : 31 July 2024. Engineering Staff Training Institute, Jaipur
DELIVERED BY : Rakesh Choudhary

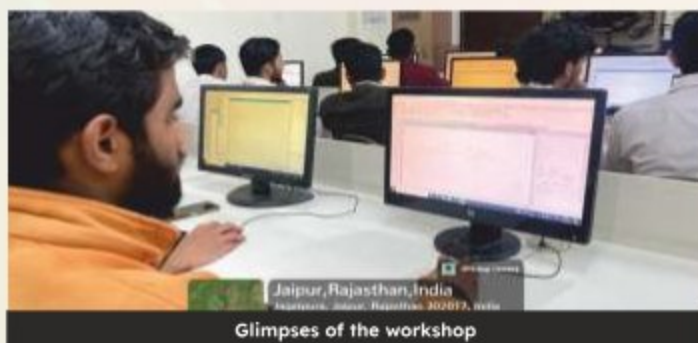
TITLE : Advanced Concrete Technology
DATE & VENUE : 26 September 2024. At Engineering Staff Training Institute, Jaipur
DELIVERED BY : Rakesh Choudhary

TITLE : Advanced Concrete Technology
DATE & VENUE : 17 October 2024. At Engineering Staff Training Institute, Jaipur
DELIVERED BY : Rakesh Choudhary

SKIT TIMES DETAILS (01 FEBRUARY, 2025 TO 30 JUNE, 2025)

STUDENT WORKSHOP ON 'ANALYSIS AND DESIGN OF INDUSTRIAL ROOF TRUSS'

The five-day student workshop on the "Analysis and Design of Industrial Roof Truss", conducted from 10th to 14th February, 2025, was an immersive educational experience for the 28 dedicated participants. Throughout the workshop, students delved into the nuances of structural engineering, exploring the practical applications of STAAD.Pro software in the analysis and design of industrial roof truss. The training sessions provided a step-by-step guide to navigate the software's interface and utilize its powerful features. Students learned to model complex structures, apply various loadings, and interpret analysis results.



STUDENT WORKSHOP ON ADVANCED GEOTECHNICAL TESTING IN LABORATORY AND FIELD

The workshop Advanced Geotechnical Testing In Laboratory AND FIELD was exclusively organized for third-year B.Tech.

Students of Civil Engineering from April 1 - 5, 2025. During the workshop, the students were given hands-on experience in performing laboratory tests (Tri-axial test, California Bearing Ratio test, and Unconfined Compression Test) and field tests (Standard Penetration Test) to estimate important engineering properties of soil encountered in any construction project. In addition, the participants also visited an under-construction site of a 2B+G+17 structure "The Jewel by Samurai Exports" at Mansarovar under TeXeL Consulting Engineers PVT LTD.



STUDENT WORKSHOP ON RIVER DISCHARGE ESTIMATION BASED ON NON-TRADITIONAL METHOD

The "River Discharge Estimation Using Non-Traditional Techniques" workshop was conducted from April 15 to April 19, 2025, to equip students with essential skills in discharge estimation using Entropy theory. The workshop drew participation from 37 enthusiastic students eager to enhance their proficiency in the Hydraulic Engineering stream. The students learned to draw the cross sections of a river, estimate the mean velocity, and river discharge. The participants were also introduced to the Velocity Index Method.



FDPs ATTENDED

TITLE : Smart City Design: Strategy for Sustainable Mobility
DATE : 03-08 February, 2025
ATTENDED BY : Jetender Babulal Jangid
ORGANIZED BY : Dr D Y Patil Vidyapeeth, Pune

TITLE : AI Application and Recent Trends in Civil Engineering
 DATE : 05- 09 February, 2025
 ATTENDED BY : Gaurav Gupta
 ORGANIZED BY : J.P. College of Engineering, Tenkasi

COURSE/ TOPIC : Sustainable Engineering Concepts and Life Cycle Analysis
 COMPLETED BY : Nandini Moondra
 DURATION & CATEGORY : January to March, 2025, (8 weeks)
 Awarded Elite + Silver (Top 5%) Certificate

TITLE : Greener Horizons: Energy Efficiency, Sustainability, and Climate Change Solutions
 DATE : 10-15 February, 2025
 ATTENDED BY : Jetender Babulal Jangid
 ORGANIZED BY : Manav Rachna International Institute of Research and Studies (ATAL Online)

COURSE/ TOPIC : Sustainable Engineering Concepts and Life Cycle Analysis
 COMPLETED BY : Sunita Tolani
 DURATION & CATEGORY : January to March, 2025, (8 weeks)
 Awarded Elite + Silver (Top 5%) Certificate

TITLE : Sustainable Engineering for Future Infrastructure
 DATE : 11-15 February, 2025
 ATTENDED BY : Pooja Gupta
 ORGANIZED BY : Dream Institute of Technology, Kolkata

COURSE/ TOPIC : Natural Hazards
 COMPLETED BY : Bharathi M.
 DURATION & CATEGORY : January to March, 2025, (8 weeks)
 Awarded Elite + Silver (Top 2%) Certificate

TITLE : Materials, Methods & Technologies in Civil Engineering
 DATE : 24 February - 01 March, 2025
 ATTENDED BY : Deepak Sharma, Gaurav Gupta, Jetender Babulal Jangid, Kishan Lal Jain, Nandini Moondra, Nikhil Kumar Sharma, Rakesh Choudhary
 ORGANIZED BY : Anand International College of Engineering, Jaipur

COURSE/ TOPIC : Natural Hazards
 COMPLETED BY : Sunita Tolani
 DURATION & CATEGORY : January to March, 2025, (8-weeks)
 Awarded Elite + Silver (Top 5%) Certificate

TITLE : GIAN course on Performance-Based Seismic Design for Functional Recovery
 DATE : 03 - 07 March, 2025
 ATTENDED BY : Deepak Sharma, Kishan Lal Jain, Sunita Tolani
 ORGANIZED BY : MNIT Jaipur

COURSE/ TOPIC : Infrastructure Economics
 COMPLETED BY : Jetender Babulal Jangid
 DURATION & CATEGORY : January to March, 2025, (8 weeks)
 Awarded Elite + Silver (Top 5%) Certificate

TITLE : Remote Sensing of Soils: Mapping, Classification, and Evaluation for Agricultural Land Use Planning
 DATE : 03 - 07 March, 2025
 ATTENDED BY : Kishan Lal Jain, Sitaram Saini
 ORGANIZED BY : ISRO and IIRS Dehradun

COURSE/ TOPIC : Disaster Recovery and Building Back Better
 COMPLETED BY : Bharathi M.
 DURATION & CATEGORY : February to April, 2025, (8-weeks)
 Awarded Elite + Gold (Top 2%) Certificate

NPTEL / mooKIT/ IITBX / SWAYAM COURSE COMPLETED

COURSE/ TOPIC : Sustainable Engineering Concepts and Life Cycle Analysis
 COMPLETED BY : Kishan Lal Jain
 DURATION & CATEGORY : January to March, 2025, (8 weeks) completed.

M.TECH. SUPERVISED

DISSERTATION TOPIC : Assessing and Designing Pedestrian Infrastructure at Selected Streets of Jaipur
 NAME OF STUDENT : Utkarsh Arun
 GUIDED BY : Anirudh Mathur & Nishant Sachdeva

PAPER REVIEWED

TITLE	:	Effects of water migration-induced softening on the stability of soil rock slopes with irregular rock block rotation behavior
REVIEWER NAME	:	Bharathi M
JOURNAL	:	Geotechnical and Geological Engineering
TITLE	:	A Sustainable Approach to Soil Stabilization: Geotechnical and Microstructural Insights into Bagasse Ash Treatment
REVIEWER NAME	:	Bharathi M
JOURNAL	:	Indian Geotechnical Journal
TITLE	:	Dynamic response of high-piled wharf under wave excitation considering local scour
REVIEWER NAME	:	Bharathi M
JOURNAL	:	Soil Dynamics and Earthquake Engineering

Fun Facts

- 1) Frost's favorite quote about life: "In three words I can sum up everything I've learned about life: it goes on."
- 2) He won four Pulitzer Prizes, more than any other poet in history.
- 3) Both roads in the poem were actually almost identical — that's the hidden joke!
- 4) The "yellow wood" is real — in England.



DEPARTMENT OF MANAGEMENT STUDIES

CONFERENCE ORGANIZED

NATIONAL CONFERENCE ON "INNOVATIONS IN RENEWABLE ENERGY INTEGRATION AND SUSTAINABLE DEVELOPMENT FOR CLIMATE RESILIENCE"

The Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) in Jaipur organized the prestigious IRIS National Conference on "Innovations in Renewable Energy Integration and Sustainable Development for Climate Resilience" from October 24 to 26, 2024. The conference was sponsored by AICTE-VAANI and coordinated by Dr. Ashish Nayyar, Professor in Mechanical Engineering, and Dr. Savita Choudhary, Associate Professor in the Department of Management Studies. The event aimed to promote climate resilience through advancements in renewable energy and sustainable development, bringing together renowned scholars, industry experts, and researchers from across India. The conference began with an inaugural ceremony led by Dr. S.L. Surana, Director of Academics at SKIT, who lit the ceremonial lamp. Distinguished guests, including Mr. A.K. Jain and Mr. Ripudaman Magon, also addressed the audience. Dr. Surana emphasized the critical connection between increasing energy consumption and global warming, highlighting the urgent need for sustainable energy sources such as solar, wind, and hydropower.



Glimpses of the Conference

Throughout the conference, several plenary talks were conducted. Experts discussed pressing issues like climate change, pollution, sustainable agriculture, and environmental conservation. Environmentalist Shri Shyam Sunder Jyani introduced the concept of "Familial Forestry," which encourages communities to treat trees as family members to promote environmental care. Additionally, Water Man Dr. Rajendra Singh shared insights on river pollution, traditional knowledge, and the importance of water conservation. As part of the conference, attendees participated in a hands-on learning experience with a visit to Jaipur's largest biogas plant at Hingonia Gaushala, where they learned about the biofuel production process. The event concluded with a vote of thanks from Dr. Ashish Nayyar, followed by a certificate distribution ceremony for all participants.

The IRIS-2024 conference was instrumental in raising awareness about sustainable development and energy innovations, reinforcing SKIT's commitment to a sustainable future.

INDUSTRIAL VISITS:

1. Industrial Visit to Spiderlink Networks Pvt. Ltd

The Department of Management Studies, SKIT Jaipur, organized an industrial visit to Spiderlink Networks Pvt. Ltd. on November 15, 2024, providing MBA students with an opportunity to gain industry insights. Dr. Ajay Verma and Mr. Tarun Sharma coordinated the visit, which included 50 students and faculty members.

Spiderlink Networks, a leading Internet Service Provider (ISP) headquartered in Jaipur, is known for its high-speed connectivity, cloud solutions, network security, and digital services. During the visit, students explored the company's technical operations, HR and finance departments, and innovative technologies like fiber optics, data centers, and IP telephony.

The session emphasized real-world problem-solving, giving students hands-on exposure to the industry's challenges and processes. The visit bridged the gap between theoretical learning and practical application, making it a valuable educational experience. The day concluded with a group photo, marking a memorable and insightful event.



Glimpses of the Industrial Visit

2. Industrial Visit to Dev Milk Foods Pvt. Ltd.

The Department of Management Studies, SKIT Jaipur, organized an industrial visit to Dev Milk Foods Pvt. Ltd. (DMF) on November 18, 2024, for MBA students. Dr. Ajay Verma and Dr. Atul Gupta coordinated the visit, accompanied by 60 students.

DMF, Rajasthan's leading milk and dairy brand, has expanded beyond dairy into manufacturing, marketing, and transportation. The visit provided students with insights into FruBon, DMF's premium ice cream and bakery brand, which operates one of the most advanced dairy and bakery facilities in Northern India. Students explored milk processing, quality control, packaging, and supply chain operations, gaining firsthand knowledge of business expansion strategies and quality excellence.

The visit bridged theoretical learning with industry practices, offering insights into HR, finance, and global market interfacing. It was an enriching experience that enhanced students' understanding of corporate operations and entrepreneurial innovation. The day concluded with a group photo, marking a memorable and educational event.



Visit by the Management Dept.

EXPERT LECTURE ON "INNOVATE TO LEAD: STRATEGIES FOR SUSTAINING COMPETITIVE ADVANTAGE"

The Department of Management Studies, SKIT Jaipur, organized an expert lecture on "Innovate to Lead: Strategies for Sustaining Competitive Advantage" on November 30, 2024. The session, led by Dr. Shikha Bakshi, HoD at XIMI, provided valuable insights into innovation, leadership, and competitive strategy. Dr. Bakshi discussed the role of innovation in business success, the importance of strategic leadership, and models like Porter's Five Forces and Blue Ocean Strategy. She shared inspiring examples from Tesla, Apple, and Mahindra, emphasizing ethical and sustainable innovation.

The session helped participants understand how to foster innovation, overcome challenges, and apply strategic insights in real-world business scenarios, making it an enriching learning experience.



EXPERT LECTURE ON "DESIGNING TOMORROW: CREATIVE SOLUTIONS FOR COMPLEX BUSINESS CHALLENGES"

The Department of Management Studies, SKIT Jaipur, organized an expert lecture on "Designing Tomorrow: Creative Solutions for Complex Business Challenges" to help students develop innovative problem-solving approaches.

The session featured Dr. Happy Agrawal, a renowned motivational speaker and Assistant Professor at St. Xavier's College, Jaipur. She emphasized the role of creativity, design thinking, and lateral thinking in overcoming modern business challenges. Real-world examples from IKEA, Airbnb, and Google showcased how innovative strategies drive success.

Students gained practical insights into brainstorming techniques, risk-taking, and fostering a creative mindset. The session concluded with an interactive Q&A, encouraging students to apply innovative solutions in their careers. Dr. Agrawal's engaging talk inspired students to think differently and embrace creativity in business problem-solving.



NATIONAL SEMINAR ON "ENTREPRENEURSHIP AND STARTUPS"

The Department of Management Studies, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, organized a two-day seminar on "Entrepreneurship and Startups" on November 22-23, 2024. The seminar provided a platform for aspiring entrepreneurs, students, and industry experts to discuss key aspects of business innovation, startup development, and economic growth.

The event was inaugurated by Dr. Ona Ladiwal, Head-DMS, followed by a keynote address from Sh. Rakesh Rao, Managing Consultant & Startup Mentor, iStart Rajasthan, emphasized the entrepreneurial mindset and the importance of adaptability, resilience, and risk-taking.

The seminar featured five expert-led plenary sessions, covering topics such as idea generation and validation, startup execution strategies, funding mechanisms, team building, and financial decision-making. Renowned industry professionals, including Mr. Sumit Srivastava (Founder & CEO, Startup Chaupal), Mr. Puneet Datta (CEO, IIHMR Foundation), Mr. Abhishek Gupta (Partner, Chikitsa.io), Mr. Sumit Agrawal (Managing Director, Aask Education), Mr. Bharat Sharma (Founder, Stocnerv Learning), and Mr. Naman Jain (Founder & CEO, Listerr), shared their expertise and real-world experiences. The seminar concluded with a Valedictory Session, where certificates were distributed to participants by Prof. B. L. Sharma (President, IIC), Dr. S.K. Gupta (Vice President, IIC), and Dr. Ajay Dhanopia (Convener, IIC). Dr. Atul Gupta, the Seminar Coordinator, presented the seminar report and acknowledged the contributions of faculty, organizers, and participants. The highly engaging and insightful sessions enabled students to gain practical knowledge, network with industry leaders, and explore entrepreneurial opportunities. The seminar, coordinated by Dr. Atul Gupta and Dr. Ajay Dhanopia, was a resounding success, fostering innovation, collaboration, and startup ecosystem growth.



FDP ON “FINANCIAL PLANNING AND STRATEGIES”

The Department of Management Studies, SKIT Jaipur, organized a Faculty Development Program (FDP) on Financial Planning, Tax Planning, and Tax Filing from December 17-21, 2024. The FDP aimed to enhance participants' understanding of direct taxation, tax computation, financial planning, investment strategies, and tax return filing.

Eminent speakers, including CA Parth Jhawar, Mr. Sanjany Jhawar, and Dr. Vandana (ISTD Member), led insightful sessions on sources of income, investment opportunities, and tax filing procedures, financial planning, and portfolio management. Participants gained updated knowledge, practical skills, and networking opportunities, enabling them to apply financial concepts effectively. The FDP was well-received, equipping attendees with valuable expertise in tax planning and financial management. Coordinated by Dr. Atul Gupta and Dr. Ajay Dhanopia, the program successfully bridged the gap between theory and practical application.



Glimpses of the FDP



Orientation Programme

group photograph and high tea, students attended an expert talk by Dr. Vandana Choudhary Secretary of ISTD on transitioning from academic life to corporate careers. The day ended with a session titled "Know Your DMS," covering department rules and course structure, followed by lunch at 1:30 p.m., marking the start of their journey at DMS-SKIT.



Dignitaries at the orientation Ceremony of the Dept. of Management Studies

ORIENTATION PROGRAM FOR I SEMESTER

The Department of Management Studies (DMS) at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, hosted its orientation program, SHUBHARAMBH: Empowering Future Managers, on 18th September 2024. The day began with registration and a "Know Each Other" session at 8:00 a.m. At 9:30 a.m., Prof. Ona Ladiwal welcomed the new students, followed by Prof. Dr. S.L. Surana, who emphasized the importance of dedication to their studies. The Guest of Honour, Mr. Prince Kumar, Rajasthan Head of Central Warehousing Corporation, discussed career opportunities in public service, while Special Guest Sh. Sachin Khandelwal CEO and Founder of SpiderLink Group, spoke on entrepreneurship. Dr. Rajesh Methi Chairperson of ISTD delivered an inspiring keynote address, sharing his professional journey. The session concluded with a vote of thanks from Mr. Tarun Sharma, Assistant Professor, DMS-SKIT. After a

EXPERT LECTURE ON FINTECH INNOVATIONS AND THEIR EFFECT ON MARKETING AND FINANCIAL STRATEGIES

The Department of Management Studies at SKIT, Jaipur, hosted an insightful guest lecture on "Fintech Innovations and Their Effect on Marketing and Financial Strategies" on September 25, 2024. CA Parth Jhanwar, Director of Wealth Pyramid Private Limited, shared his expertise on how Fintech is transforming the business landscape, particularly in marketing and financial operations. CA Jhanwar discussed the evolution of Fintech, highlighting disruptive technologies such as blockchain, artificial intelligence, and robo-advisory services. He illustrated how these innovations are driving marketing through digital channels and data analytics, providing examples from industry leaders like Paytm and Google Pay.

Additionally, he examined the impact of automation and digital wealth management on financial strategies, emphasizing the importance of Fintech in promoting financial inclusion. Students gained valuable insights into the applications of Fintech, the regulatory landscape, and future career opportunities in finance.



Expert talk by CA Parth Jhanwar

FIESTA PARTY

The Department of Management Studies hosted a vibrant fresher party on 5th October 2024, providing a great opportunity for first-semester students to connect and begin their academic journey with enthusiasm. The new entrants thoroughly enjoyed the fresher party and gave mesmerizing performances. Dr. Ajay Verma coordinated the event.



Fiesta Party

SKIT TIMES DETAILS (01 FEBRUARY, 2025 TO 30 JUNE, 2025)

NATIONAL SEMINAR ON SUSTAINABLE BUSINESS PRACTICES AND INNOVATION IN MANAGEMENT & ENGINEERING”

The Department of Management Studies at Swami Keshvanand Institute of Technology organized a one-day seminar on “Sustainable Business Practices and Innovation in Management &

Engineering” on 4th March 2025. The seminar aimed to promote awareness about environmentally responsible business strategies and innovative practices. The event began with a ceremonial lamp lighting and a welcome address by Dr. Ona Ladiwal. Dr. Atul Gupta highlighted the seminar's objectives. Industry experts from Skillwaala and L&T EduTech delivered sessions on sustainable development, digital marketing for eco-conscious brands, and innovative engineering practices. A key moment was the signing of an MoU between SKIT and L&T EduTech, enhancing industry-academia collaboration and providing opportunities for student internships and projects. MBA and engineering students participated enthusiastically, engaging in discussions that encouraged critical thinking. The seminar concluded with a vote of thanks by Mr. Tarun Sharma and group photographs with guests and faculty. It was a valuable experience that contributed to the development of future managers and engineers.



INDUSTRIAL VISITS:

(1) Industrial Visit to Miracle Group of Companies

The Department of Management Studies at SKIT Jaipur organized an industrial visit for MBA students to the Miracle Group in Bagru Extension, Jaipur, on 14th April 2025. The visit aimed to connect theoretical knowledge with practical experience. Coordinated by Dr. Ajay Verma and Dr. Atul Gupta, 54 students participated. Mr. Sumit Sharma, HR Manager, welcomed the students and presented an overview of Miracle Group, founded in 2011 and



Visit to Miracle Group of Companies

specializing in sustainable packaging solutions like corrugated boxes and HDPE jars. Students toured the manufacturing facility, witnessing the production process and engaging with employees to learn about operations and quality control. The experience enhanced their understanding of industrial practices and potential career paths in packaging, R&D, and operations. The visit concluded with a group photograph, leaving students inspired by Miracle Group's success and structured culture.

(2) Industrial Visit to Salem Kagzi Paper Industry, Jaipur

The Department of Management Studies, SKIT Jaipur, organized an insightful industrial visit to Salem Kagzi Paper Industry, Jaipur, on May 5, 2025, for MBA students. The visit was coordinated by Dr. Maneesha Kaushik and Mr. Tarun Sharma, with 50 students accompanied by the faculty members. The visit aimed to bridge the gap between classroom learning and practical industrial exposure.

Students were introduced to the rich history of the Kagzi community and the evolution of handmade paper production in Sanganer, dating back to the 14th century. Salem Kagzi is one of India's leading manufacturers and exporters of recycled handmade paper and eco-friendly paper products. Experts at the unit guided students through each step of the paper-making process—from raw material selection to pulping, sheet formation, drying, and crafting into gift items and decorative products. The visit offered practical exposure to business operations, including production, HR, and marketing, and highlighted how waste materials can be transformed into sustainable products with global demand. Students were particularly inspired by the



Visit to Salem Kagzi Paper Industry

industry's eco-conscious approach and entrepreneurial success. The tour concluded with a Q&A session, group photograph, and distribution of 100% recycled gift bags to all students. The experience proved highly educational and encouraged students to appreciate traditional industries and explore sustainable business models.

NATIONAL WORKSHOP ON “STRATEGIC NETWORKING FOR MBA: CONNECTING GADGETS IN THE DIGITAL AGE

The Department of Management Studies at SKIT Jaipur organized a two-day workshop, “Strategic Networking for MBA: Connecting Gadgets in the Digital Age,” on April 24-25, 2025. Focused on the Internet of Things (IoT), the workshop aimed to equip MBA students with knowledge of smart gadgets and their business applications. Under the guidance of Prof. (Dr.) Ona Ladiwal and coordination by Mr. Tarun Sharma, the workshop featured leading sessions by Mr. Dinesh Kumar and Dr. Yogendra Gupta. Day 1 included technical demonstrations and a motivational talk by



Glimpses of the Workshop

alumnus Mr. Harsh Tinguniya on tech-driven entrepreneurship. Day 2 showcased live demonstrations of smart systems, highlighting how connected devices enhance efficiency and innovation. The workshop successfully combined technical knowledge with strategic business insights, improving students' digital readiness and marketing skills. It concluded with certificate distribution and positive feedback from participants.

FDP ON “RESEARCH METHODS AND DATA ANALYSIS USING SPSS

The Department of Management Studies at Swami Keshvanand Institute of Technology organized a Five-Day Online Faculty Development Programme on “Research Methods and Data Analysis Using SPSS” from May 26 to 30, 2025. The aim was to enhance research capabilities through structured learning on research design and statistical analysis with SPSS. Dr. Ona Ladiwal delivered the inaugural session on research methodology fundamentals, data collection, and preparation on Days 1 and 2 by Dr. R. Sundari. Days 3 and 4 featured Dr. Brijesh Awasthi guiding participants through SPSS, correlation, and regression analysis.

Dr. Rajeev Agrawal concluded on Day 5, discussing research paper writing, publication ethics, and referencing. Convened by Dr. Atul Gupta and coordinated by Dr. Ajay Verma and Mr. Tarun Sharma, the FDP received excellent feedback for its practical approach and expert guidance, attracting faculty and scholars from across India.



FDP ON “DEMYSTIFYING PERSONAL FINANCE: HOW TO THINK AND INVEST LIKE A PRO”

The Department of Management Studies at Swami Keshvanand Institute of Technology, Jaipur, organized a Five-Day Online Faculty Development Programme on “Demystifying Personal Finance: How to Think and Invest like a Pro” from May 19 to 23, 2025. The programme aimed to enhance financial literacy among faculty members, enabling them to make informed personal finance decisions.

Sessions covered budgeting, savings, mutual funds, equity, retirement strategies, and more. Dr. Surendra Singh Rajpurohit from Modi University led discussions on investment risks and tax optimization, while Dr. Priyanka Jain from ICFAI Business School focused on behavioral finance and the FIRE (Financial Independence, Retire Early) movement. The FDP emphasized digital tools for financial planning and included real-life case studies and interactive discussions. Convened by Dr. Ajay Verma, participants noted a significant boost in financial confidence and appreciated the programme's clarity and relevance. The FDP concluded successfully with a call for similar initiatives in the future.



DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

DEPARTMENT OF PHYSICS

PAPERS PRESENTED IN THE CONFERENCE

TITLE : Composites of Copper Nanoparticles with Cis- and Trans-polyisoprene Blend: Dynamic Mechanical, Mechanical and Thermal Analysis

PRESENTER/S : Manasvi Dixit

CONFERENCE : International Conference on Materials and Thermo-physical Properties (ICMTP-2024) held during 21-23 November 2024 at UOR, Jaipur.

TITLE : Role of dielectric materials as substrate for the performance of micro strip patch antenna: a review

PRESENTER/S : Komal Sharma

CONFERENCE : International Conference on Artificial Intelligence, Advanced Materials, & Mechatronics Systems (AIAMMS 2023)

FACULTY DEVELOPMENT PROGRAM (FDP) ATTENDED

TITLE : Five-day FDP on “Financial Planning and Investment Strategies”

DATE : 17-21 December, 2024

VENUE : Department of Management Studies, SKIT, Jaipur

ATTENDED BY : Ajay Kumar Sharma, Pawan Kumar Jain, Rajiv Kumar, Komal Sharma, Manasvi Dixit, Brajraj Sharma

TITLE : Five-day FDP on “Demystifying outcome-based Education”

DATE : 29 April-03 May, 2025

VENUE : Department of Electrical & IT, SKIT, Jaipur

ATTENDED BY : Ajay Kumar Sharma, Pawan Kumar Jain, Rajiv Kumar, Komal Sharma, Manasvi Dixit, Brajraj Sharma

TITLE: Five-day FDP on “Next Generation Renewable Energy Technologies: Transformative Approaches for Sustainable Development”

DATE : 06-10 May, 2025
 VENUE : Department of Mechanical Engineering, SKIT, Jaipur
 ATTENDED BY : Ajay Kumar Sharma, Pawan Kumar Jain, Rajiv Kumar, Komal Sharma, Manasvi Dixit, Brajraj Sharma
 TITLE : Five-day FDP on "Enhancing Academic Research Excellence: A Comprehensive Approach to Research Methodology and AI Integration"
 DATE : 23-28 June, 2025
 VENUE : Research and Development Cell, Poornima University, Jaipur
 ATTENDED BY : Ajay Kumar Sharma, Manasvi Dixit

TITLE : Five-day FDP on "Demystifying Personal Finance: How to think and Invest like a Pro"
 DATE : 19-23 May, 2025
 VENUE : Department of Management Studies, SKIT, Jaipur
 ATTENDED BY : Ajay Kumar Sharma, Pawan Kumar Jain, Rajiv Kumar, Komal Sharma, Manasvi Dixit, Brajraj Sharma

TITLE : Five-day International FDP on "AI-Powered Tools for Enhanced Academic Research Writing"
 DATE : 23-27 June, 2025
 VENUE : Amity School of Engineering and Technology, Amity University, Jaipur
 ATTENDED BY : Ajay Kumar Sharma

WORKSHOP ATTENDED

TITLE : One-Week Online Workshop on "IP SAATHI 2024"
 DATE : 16- 21 December 2024
 VENUE : Innovative Technology Enabling Center- In TEC, CSIR-Institute of Minerals and Material Technology (IMMT), Bhubaneswar, Odisha
 ATTENDED BY : Komal Sharma

TITLE : One-Week Online Workshop on "IP MENTOR 2025"
 DATE : 10- 15 February 2025
 VENUE : Innovative Technology Enabling Center- In TEC, CSIR-Institute of Minerals and Material Technology (IMMT), Bhubaneswar, Odisha
 ATTENDED BY : Komal Sharma

TITLE : Five Days Short Term Training Programme (STTP) on "Recent Trends in Communication, Computing & Networking"
 DATE : 05-09 May 2025
 VENUE : Center of Excellence Advanced Wireless Communication, Department of Electronics &

Communication Engineering, Poornima College of Engineering
 ATTENDED BY : Brajraj Sharma
 TITLE : One-week online workshop on "IP MENTOR 2025"
 DATE : 10-15 February 2025
 VENUE : Innovative Technology Enabling Center- InTEC, CSIR-Institute of Minerals and Material Technology (IMMT), Bhubaneswar, Odisha
 ATTENDED BY : Komal Sharma

NPTEL / SWAYAM COURSE COMPLETED

COURSE/ TOPIC : Introduction to the Internet of Things
 COMPLETED BY : Rishi Vyas
 DURATION & CATEGORY : July to Oct. 2024 (12 -weeks).
 Awarded Silver Medal and Elite Certificate.

COURSE/ TOPIC : Introduction to Photonics
 COMPLETED BY : Komal Sharma
 DURATION & CATEGORY : July to Oct. 2024 (12 -weeks).
 Awarded Elite Certificate

COURSE/ TOPIC : An Introduction to Lasers & Laser Systems
 COMPLETED BY : Manasvi Dixit
 DURATION & CATEGORY : Jan-Apr. 2025 (12-week Course),
 Awarded (1% Topper and Silver Medal)

COURSE/ TOPIC : An Introduction to Lasers & Laser Systems
 COMPLETED BY : Komal Sharma
 DURATION & CATEGORY : Jan-Apr. 2025 (12-week Course),
 Awarded (1% Topper and Silver Medal)

FDP's ATTENDED

TITLE : FDP on "PHP and MySQL"
 DATE : July 08-12, 2024
 ATTENDED BY : Ajay Kumar Sharma, Pawan Kumar Jain, Rajiv Kumar
 ORGANIZED BY : SKITM & G, Jaipur

TITLE : FDP on "Introduction to Photonics"
 DATE : July - Oct., 2024
 ATTENDED BY : Komal Sharma
 ORGANIZED BY : NPTEL-AICTE

TITLE : FDP on "Introduction to Internet of Things"
 DATE : July - Oct., 2024
 ATTENDED BY : Rishi Vyas
 ORGANIZED BY : NPTEL-AICT

DEPARTMENT OF ENGLISH

(FDP) ATTENDED

TITLE : Five-day FDP on "Demystifying outcome-based Education"
DATE : 29 April-03 May, 2025
VENUE : SKIT, Jaipur
ATTENDED BY : Sheeba Anjum

WORKSHOP ATTENDED

TITLE : National Level Virtual Workshop on Next Gen Research Tools
DATE : 3-7 December 2024
VENUE : SRM Institute of Science & Technology, Chennai
ATTENDED BY : Kirti Bala and Rashmi Kaushik

TITLE : Workshop on Research Methodology
DATE : 08-13 July, 2024
ATTENDED BY : Neha Purohit, Sheeba Anjum, and Mahima Meena
ORGANISED BY: University of Rajasthan

TITLE : Five-day Workshop on Gender & Performance
DATE : 26-30 August, 2024
ATTENDED BY : Neha Purohit, Sheeba Anjum
ORGANISED BY: Amity University, Patna

STUDENT WORKSHOP ON 'THE ART OF COMMUNICATION'

The Department of English at Swami Keshvanand Institute of Technology, Jaipur, organised a five-day workshop titled "The Art of Communication," from October 14th to 18th, 2024. This workshop aimed to cover the dynamics of effective communication such as Public Speaking, speaking at formal and informal events, addressing a difficult audience, impromptu speaking, and anchoring formal and informal events. The facilitator was Ms Bhawna Sugandha who has sixteen years of



Student Workshop

experience in the field of corporate training. Ms. Bhawna included essential topics such as leadership, professional communication, personal branding, goal setting (both short-term and long-term), demonstrating professionalism, and developing essential soft skills in the due course of this workshop. The event was inaugurated by coordinators Dr. Neha Purohit, Dr. Nidhi Sharma, and Dr. Khushbu Bhardwaj, who extended a warm welcome to the guest speaker, Ms. Bhawna Sugandha.

DEPARTMENT OF MATHEMATICS

BOOK CHAPTERS

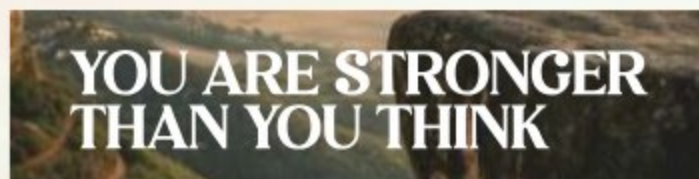
TOPIC : A novel approach to population growth model via Laplace Decomposition Method
AUTHOR/S : Deepika Jain
BOOK CHAPTER : Recent Advances in Green Technologies and Sustainable Development, Taylor & Francis

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

TOPIC : नवीकरणीय ऊर्जा एकीकरण और जलवायु सुधार के लिए संशोधनीय विकास में नवाचार हेतु राष्ट्रीय संगोष्ठी
AUTHOR/S : Jyoti Arora, Pramila Kumawat, Sangeeta Choudhary
PROCEEDING : Proceedings of International conference AICTE-VAANI-IRIS-2024

TITLE : An innovative numerical approach to solving a fractional chaotic attractor system with Power law, Exponential, and Mittag-Leffler fractional operators
AUTHOR/S : Deepika Jain
CONFERENCE : International conference on Special Functions and Applications

TITLE : Computational Frameworks for EMHD flow of Double Stratified 3D-Cobalt Ferrite COFe 2O 4 layered Maxwell Nano liquid flow over an exponentially stretching surface: non-Fourier
AUTHOR/S : Sumit Gupta
CONFERENCE : International Conference on Recent Advances in Applied Mathematics



FDP/STTP ATTENDED

TITLE : Artificial Intelligence and Optimization Techniques using MATLAB
DATE : 7.10.2024 to 11.10.2024
VENUE : Electrical Engineering Department, SKIT Jaipur
ATTENDED BY : Vivek Vijay

TITLE : FDP on Artificial Intelligence and Optimisation Techniques using MATLAB
DATE : 7.10.2024 to 11.10.2024
VENUE : NITTTR, Chandigarh
ATTENDED BY : Vijay Kumar Singhal

TITLE : FDP on Financial planning and Investment strategies
DATE : 17.12.2024 to 21.12.2024
VENUE : Department of MBA, SKIT
ATTENDED BY : Jyoti Arora, Surbhi Sharma, Amit Dadheech

TITLE : FDP on Recent Development in Pure and Applied Mathematics, Indian Mathematical Society
DATE : 23.12.2024 to 28.12.2024
VENUE : Indore Institute of Science and Technology with the Indian Mathematical Society
ATTENDED BY : Jyoti Arora, Surbhi Sharma, Amit Dadheech

TITLE : FDP on FDP on Recent advances in chemical science and engineering
DATE : 06.01.2025 to 10.01.2025
VENUE : Department of Chemistry, School of Engineering, Presidency University Bengaluru
ATTENDED BY : Surbhi Sharma, Amit Dadheech

TITLE : ATAL FDP on Preserving Local Dialects Using Multi-layer Perceptron for Sustainable Development of Communities
DATE : 20.01.2025 to 25.01.2025
VENUE : Poornima Institute of Engineering & Technology, Jaipur
ATTENDED BY : Amit Dadheech, Jyoti Arora, Surbhi Sharma

TITLE : FDP on Smart Cities: Emerging Solutions and Sustainability
DATE : 27.01.2025 to 31.01.2025
VENUE : Department of Civil Engineering SKIT
ATTENDED BY : Amit Dadheech, Jyoti Arora, Surbhi Sharma

TITLE : FDP on RDBMS PostgreSQL
DATE : 15.01.2025 to 20.01.2025
VENUE : Department of Computer Science, SKIT
ATTENDED BY : Amit Dadheech, Jyoti Arora, Surbhi Sharma

TITLE : Clean and Green Technologies
DATE : 27.01.2025 to 31.01.2025
VENUE : Department of Civil Engineering, NITTTR, Chandigarh
ATTENDED BY : Pramila Kumawat

TITLE : Enhancing Research Capabilities for Academic Career Progression
DATE : 17.03.2025 to 21.03.2025
VENUE : Entrepreneurship Development and Industrial Coordination Department, NITTTR, Chandigarh
ATTENDED BY : Pramila Kumawat

TITLE : STTP of NEP 2020 Orientation & sensitization programme
DATE : 17.02.2025 to 28.02.2025
VENUE : IIT-Dhanbad
ATTENDED BY : Chandra Prakash Jain

TITLE : Corporate Social Responsibility for Sustainable Development
DATE : 24.03.2025 to 28.03.2025
VENUE : NITTTR, Chandigarh
ATTENDED BY : Sangeeta Choudhary

TITLE : FDP on Emerging Technologies in Engineering, Medical Instrumentation, EVs, and Microgrid Systems
DATE : 15.05.2025 to 21.05.2025
VENUE : Central University of Haryana, Mahendragarh
ATTENDED BY : Vivek Vijay

TITLE : Outcome-Based Education
DATE : 29.04.2025 to 03.05.2025
VENUE : SKIT, M&G, Jaipur
ATTENDED BY : Deepika Jain

TITLE : Five-day FDP on "Demystifying Personal Finance: How to think and Invest like a Pro"
DATE : 19-23 May, 2025
VENUE : Department of Management Studies, SKIT, Jaipur
ATTENDED BY : Vijay Kumar Singhal

TITLE : Five-day FDP on research methods and data analysis using SPSS
DATE : 26-30 May, 2025
VENUE : Department of Management Studies, SKIT, Jaipur
ATTENDED BY : Vijay Kumar Singhal

TITLE : Mathematical Applications: Computational AI, Neural Networks and Vedic Mathematics
DATE : 11.03.2025 to 17.03.2025

VENUE : ACT Academy, Kerala
ATTENDED BY : Chandra Prakash Jain

TITLE : Indian Knowledge System and NEP2020
DATE : 11.11.2024 to 17.11.2024
VENUE : A.C.T. Academy
ATTENDED BY : Deepika Jain

TITLE : Vedic Mathematics: Formulas, Calculations & Applications
DATE : 08.08.2024 to 12.08.2024
VENUE : A.C.T. Academy
ATTENDED BY : Deepika Jain

TITLE : ATAL FDP on AI-Driven Pedagogy: Enhancing Teaching Learning Experience
DATE : 02.12.2024 to 07.12.2024
VENUE : Chandraprahu Jain College of Higher studies
ATTENDED BY : Vijay Kumar Singhal

TITLE : ATAL FDP on Machine Learning through lens of Mathematics
DATE : 23.12.2024 to 28.12.2024
VENUE : Sri Venkateshwara College of Engineering
ATTENDED BY : Vijay Kumar Singhal

TITLE : FDP on Financial Education a life skill under NEP 2020
DATE : 09.07.2024 to 13.07.2024
VENUE : SKIT, M&G, Jaipur
ATTENDED BY : Vijay Kumar Singhal

TITLE : FDP on Financial Education a Life Skill under NEP 2020
DATE : 9.07.2024 to 13.07.2024
VENUE : Department of Management Studies, SKIT, Jaipur
ATTENDED BY : Shalini Shekhawat

TITLE : Faculty Development Programme on Artificial Intelligence and Optimisation Techniques using MATLAB
DATE : 07.10.2024 to 11.10.2024
VENUE : NITTR, Chandigarh
ATTENDED BY : Shalini Shekhawat

TITLE : FDP on Essential Skills for Professional Development in Higher Education
DATE : 01.07.2024 to 07.07.2024
VENUE : Star International Foundation for Research and Education
ATTENDED BY : Shalini Shekhawat

TITLE : Faculty Development Programme on 5G Communication Networks
DATE : 09.12.2024 to 14.12.2024
VENUE : Department of Electronics and Communication Engineering, PSN College of Engineering and Technology, Tirunelveli
ATTENDED BY : Shalini Shekhawat

NPTEL COURSES COMPLETED

COURSE/ TOPIC : Combinatorics
COMPLETED BY : Vivek Vijay
DURATION & CATEGORY : (22-07-2024 to 23-10-2024) 12 week, Elite Certificate

COURSE/ TOPIC : Developing Soft Skills and Personality
COMPLETED BY : Pramila Kumawat
DURATION & CATEGORY : (19-08-2024 to 11-10-2024) 8 week, Silver Certificate

COURSE/ TOPIC : Fundamentals of Object-Oriented Programming
COMPLETED BY : Jyoti Arora
DURATION & CATEGORY : (20-01-2025 to 11-04-2025) 12 weeks, Silver Certificate

COURSE/ TOPIC : Matrix Analysis with Applications
COMPLETED BY : Shalini Shekhawat
DURATION & CATEGORY : (22-07-2024 to 18-09-2024) 08 weeks, Elite Certificate

PAPERS PRESENTED IN CONFERENCES

TITLE : Numerical Simulation for MHD Casson Fluid Flow with Heat Transfer in a Porous Medium over a Curved Surface
AUTHOR/S : Surbhi Sharma
CONFERENCE : 2 International conference on Recent Trends in Mathematics, Hansraj College, University of Delhi

TITLE : Heat Transfer Effect on MHD Prandtl Fluid Flow in a Porous Medium with Melting and Slip Effect: Numerical Techniques
AUTHOR/S : Surbhi Sharma
CONFERENCE : International Conference on recent advancements in Science and technology, N.G. Acharya & D.K. Marathe College of Arts, Science & Commerce, University of Mumbai.

FDP's ATTENDED

TITLE : FDP on PHP and MySQL
DATE : 8-12 July 2024
VENUE : SKITM&G, Jaipur
ATTENDED BY : Vivek Vijay, Surbhi Sharma, Shalini Shekhawat, Amit Dadheech, Jyoti Arora

TITLE : FDP on Financial Education a Life Skill under NEP 2020
DATE : 9-13 July 2024
VENUE : Department of Management Studies, SKIT, Jaipur
ATTENDED BY : Vivek Vijay

TITLE : FDP on Essential Skills for Professional Development in Higher Education
DATE : 1-7 July 2024
VENUE : Star International Foundation for Research and Education
ATTENDED BY : Vivek Vijay

NPTEL COURSES COMPLETED

COURSE/ TOPIC : Matrix Analysis with Applications
COMPLETED BY : Vivek Vijay
DURATION & CATEGORY : (July- September) 8 weeks, Awarded Silver Certificate

COURSE/ TOPIC : Introduction to Abstract Group Theory
COMPLETED BY : Vivek Vijay
DURATION & CATEGORY : (July- September) 8 weeks, Awarded Elite Certificate

PAPER PRESENTED IN CONFERENCES

TITLE : "Computational Frameworks for EMHD flow of Double Stratified Cobalt Ferrite layered Maxwell Nano liquid flow over an exponentially stretching surface: non-Fourier Fluxes theory"
AUTHOR : Sumit Gupta
CONFERENCE : 2nd International Conference on "Recent Advances in Applied Mathematics", organized by the Department of Mathematics, IIT BHU, Varanasi, from 3-5 July 2024.

DEPARTMENT OF CHEMISTRY

PAPERS PRESENTED IN CONFERENCES

TITLE : Synthesis of Some Ethoxyphthalimido Pyrazoloisoxazoles, Pyrazolopyrimidines and Evaluation of their Antimicrobial & Anticancer Activities
AUTHOR/S : Swati Joshi and Poonam Ojha
CONFERENCE : International Conference on Emerging Trends in Chemistry to Revolutionize Indian Chemical Industries for Viksit Bharat@2047, JECRC University, Jaipur, 19 to 21 December 2024

TITLE : Green Chemistry Mediated and Bio-Inspired Synthesis of Copper Oxide Nanoparticles
AUTHOR/S : Poonam Ojha and Swati Joshi
CONFERENCE : International Conference on Emerging Trends in Chemistry to Revolutionize Indian Chemical Industries for Viksit Bharat@2047, JECRC University, Jaipur, 19 to 21 December 2024.

TITLE : Synthesis, Characterization and Biological Evaluation of Some Amino-oxy Substituted Pyrazole Derivatives
AUTHOR/S : Swati Joshi
CONFERENCE : International Symposium on Frontiers in Sustainable Catalysis and Organometallics 2024 MNIT, Jaipur, 11-12 July, 2024

TITLE : Treatment of Textile Effluents from Industrial Waste Water Using Banana Peel
AUTHOR/S : Poonam Ojha
CONFERENCE : International Symposium on Frontiers in Sustainable Catalysis and Organometallics 2024 MNIT, Jaipur, 11-12 July, 2024

TITLE : Investigation of the Anticorrosive Properties of Clove Oil on Aluminium in Acidic Conditions
AUTHOR/S : Archana Saxena
CONFERENCE : International conference on Multidisciplinary perspective in Science & Humanities: Recent trends & Innovation, Arya College Jaipur, May 16-17, 2025,

TITLE : Synthesis of some ethoxyphthalimido pyrazoloisoxazoles, pyrazolopyrimidines and evaluation of their antimicrobial & anticancer activities
AUTHOR/S : Swati Joshi and Poonam Ojha

SOMETIMES THE RIGHT
PATH IS NOT THE EASIEST ONE.

CONFERENCE : Symposium on Innovations, and Career Opportunities in chemical, physical and material science, University of Rajasthan, 17 Feb. 2025

FDPs ATTENDED

TITLE : One Week FDP on Financial Planning and Investment Strategies
DATE : 17 to 21 December 2024
ATTENDED BY : Swati Joshi and Poonam Ojha
ORGANIZED BY : Department of Management Studies, SKIT, Jaipur

TITLE : 5 days FDP on Recent Advances in Chemical Science and Engineering
DATE : 6 to 10 January, 2025
ATTENDED BY : Swati Joshi and Poonam Ojha
ORGANIZED BY : Department of Chemistry, Presidency University, Bengaluru

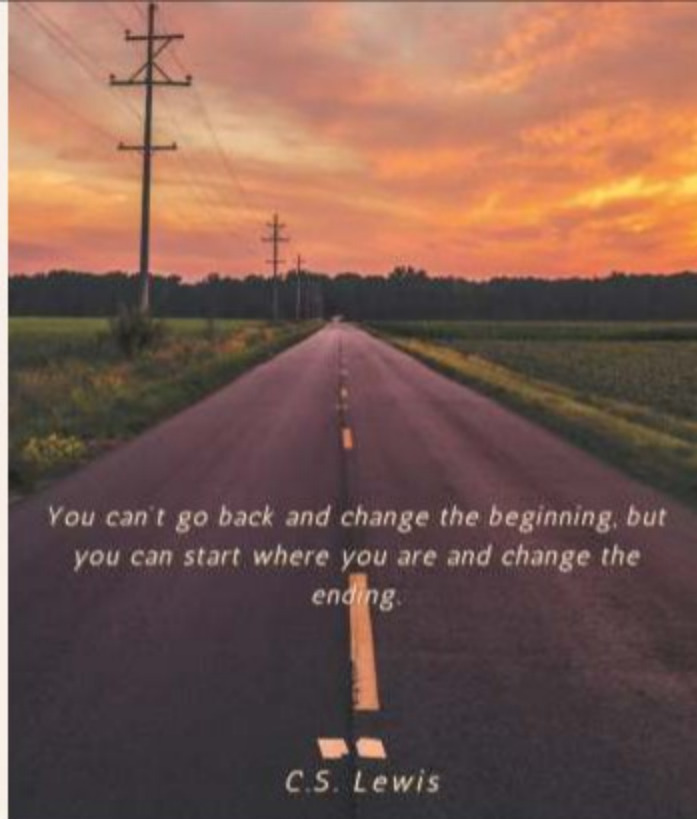
TITLE : Preserving Local Dialects Using Multi-layer Perceptron for Sustainable Development of Communities
DATE : 20 to 25 January, 2025
ATTENDED BY : Swati Joshi and Poonam Ojha
ORGANIZED BY : ATAL

TITLE : Five-Day Faculty Development Program on Next Generation Renewable Energy Technologies: Transformative Approach for Sustainable Development
DATE : 6th to 10th May 2025
VENUE : Dept. of ME, SKIT, Jaipur
ATTENDED BY : Archana Saxena

TITLE : Faculty Development Programme on "Recent trends in Science & Engineering"
DATE : 19th May, 2025 to 23rd May, 2025.
VENUE : Anand International College of Engineering, Jaipur
ATTENDED BY : Archana Saxena

TITLE : Five-Day Faculty Development Program on "Research Methods and Data Analysis Using SPSS
DURATION : 26th to 30th May 2025
VENUE : Department of Management Studies, SKIT, Jaipur.
ATTENDED BY : Archana Saxena

TITLE : FDP on Enhancing Academic Research Excellence: A Comprehensive Approach to Research Methodology and AI Integration,
DURATION : 23rd to 28th June 2025.
VENUE : Poornima University, Jaipur
ATTENDED BY : Archana Saxena



Ever Wondered?

What if Newton had sat under a coconut tree?

What if Edison had invented the snooze button before the light bulb?

What if Columbus had turned his ship around halfway?



Future Technology - Curse or Blessing

"From self-driving cars to artificial intelligence, we are stepping into a world once imagined only in science fiction. But is this dazzling future a gift or a ticking time bomb?"

The Bright Side: How Tech is Shaping a Better Tomorrow

Revolutionizing Healthcare

Imagine a future where diseases are diagnosed before symptoms appear, surgeries are performed by ultra-precise robots, and genetic disorders can be corrected with a single injection. That is the promise of technologies like AI diagnostics, telemedicine, and CRISPR. Future medicine could drastically increase both lifespan and quality of life.

Smarter Living

From AI assistants that organize our day to homes that manage themselves, daily life is becoming more streamlined. Smart technology is not just convenient—it's becoming essential. Innovations in energy efficiency, transportation, and automation are creating more sustainable and productive lives.

Education Without Borders

Technology is breaking down classroom walls. Through virtual reality (VR), students can walk through ancient Rome or explore the solar system from their living room. With online learning platforms, quality education is now more accessible than ever.

Saving the Planet

Tech isn't just about gadgets—it's also a key player in climate action. Renewable energy, carbon capture, and precision agriculture are helping us reduce waste, monitor ecosystems, and fight global warming.

The Shadow Side: The Risks We Can't Ignore

Automation Anxiety

Robots might not steal your job today, but they could tomorrow. As AI replaces roles in manufacturing, transport, and even the creative industry, we face a potential employment crisis. Who wins and who loses in this automated world?

Privacy in Peril

In a hyper-connected world, everything from your location to your heart rate is being tracked. While smart devices offer convenience, they also open the door to data misuse, mass surveillance, and cybercrime.

Disconnected in a Connected World

Ironically, more connection can mean more isolation. Excessive screen time, online dependency, and virtual relationships are contributing to mental health issues like anxiety and depression—especially among younger generations.

Ethical Crossroads

With the ability to edit genes, clone life, and simulate intelligence, we are playing god with technology. But who sets the rules? The lack of global ethics and regulations may lead to dangerous consequences.

The future is not just shaped by engineers and inventors—it's shaped by us. We must guide innovation with wisdom, compassion, and fairness, ensuring that progress serves all of humanity, not just the privileged few.

Chitranshu Shekhawat

3rd year Data Science

SMARTER SKIES: HOW AI IS CHANGING THE FORECAST

Checking the weather used to be a guessing game, but today's forecasts are smarter, sharper, and far more personalized—thanks to artificial intelligence. At the heart of AI weather forecasting is data. Every second, satellites, ground sensors, and weather stations collect enormous volumes of information—temperatures, wind speeds, humidity levels, atmospheric pressure, and more. Before AI models can use this data, it's cleaned up and pre-processed to remove errors or gaps.

Once ready, machine learning and deep learning models get to work. These algorithms don't just crunch numbers—they learn from them. By identifying complex patterns in historical data and simulating different outcomes, AI systems become adept at predicting what might happen next. For example, they can detect signs of an approaching storm faster than traditional models, making weather alerts more timely and accurate.

One of the major strengths of AI is its ability to integrate data from multiple sources in real time. Imagine combining satellite imagery, radar data, and on-the-ground sensors—that's like seeing weather unfold from space, land, and air simultaneously. This fusion creates hyper-local forecasts, where you know if it'll rain on your street rather than just in your city. But AI doesn't work alone. It often acts as a co-pilot to traditional physics-based models like Numerical Weather Prediction (NWP). While NWP simulates how the atmosphere behaves using equations, AI can refine its output, correct biases, and offer sharper insights.

In the real world, this technology is having a huge impact. Airlines use AI to dodge turbulence and cut fuel use. Farmers plan irrigation and harvesting more effectively. Emergency planners gain crucial minutes in preparing for floods or storms. Even your phone's weather app benefits—giving more personalized updates based on your location and daily habits. With climate change causing more extreme and unpredictable weather, AI offers a powerful tool to keep us informed and protected. It does not just about know whether to carry an umbrella—it's about staying a step ahead of nature's surprises.

Manish Bhardwaj,
Assistant Professor,
Department of Computer Science and Engineering

AI Systems for Weather

How These Systems Can Be Applied for weather prediction

Artificial Intelligence

Automating routine analysis

Completing interpretations of weather data

Machine Learning

Predict temp or rainfall based on historical data

Distinguish between different types of weather phenomena

Neural Networks

Predict events like Hurricanes or tornadoes

Predict daily temp ranges and price levels

Deep Learning

Analyze satellite images

Make sequential predictions

Generative AI

Create synthetic weather data for training purposes

Create visualizations of future weather scenarios

BUILDING BLOCKS OF CLOUD COMPUTING

The basic building blocks of cloud computing with IoT involve the integration of core cloud services such as storage, processing, and networking with the help of IoT devices to enable scalable real-time data management and analysis. In this ecosystem, sensors and devices serve as the front-end data collectors, gathering information from the physical environment. This data is transmitted via communication layer, which employs various protocols like MQTT, HTTP, and CoAP to connect devices with the cloud infrastructure. The cloud platform acts as the central hub, offering vast computing power and storage resources to process, analyse, and store the massive streams of IoT-generated data. Edge computing often complements this architecture, processing data closer to its source to reduce latency and bandwidth usage. Finally, application services allow users to interact with the system, enabling real-time monitoring, analytics, and control of IoT devices through web or mobile interfaces. Together, these building blocks create a seamless, scalable, and flexible infrastructure for managing IoT ecosystems efficiently in the cloud.

Mr. Rajesh Rajaan
Assistant Professor
Department of Computer Science and Engineering

POLYLACTIC ACID: A LEADING BIODEGRADABLE MATERIAL FOR A SUSTAINABLE FUTURE

As concerns about environmental protection and the dwindling reserves of fossil fuels grow more urgent, there's a noticeable shift away from traditional non-degradable plastics toward more eco-friendly alternatives. Biodegradable polymers, especially polylactic acid (PLA), are emerging as promising solutions. PLA is a standout among biopolymers because of its environmental benefits and versatile applications.

Lactic acid, or 2-hydroxypropanoic acid (LA), is a key building block of PLA. Since LA is a chiral molecule, it exists in two mirror-image forms—L-lactic acid and D-lactic acid—which lead to different types of PLA. These include poly-L-lactic acid (PLLA), poly-D-lactic acid (PDLA), and racemic polylactic acid (PDLLA).

Advantages of PLA

1. Eco-friendly Production: Unlike many plastics derived solely from fossil fuels, PLA can be produced from renewable resources such as corn, wheat, or rice. It's biodegradable, recyclable, and

compostable, making it a sustainable choice for reducing plastic waste.

2. **Biocompatibility:** When implanted in the human body or other biological systems, PLA safely breaks down into harmless compounds— α -hydroxy acids—that are naturally processed through the body's metabolic pathways and excreted. Its degradation products are generally non-toxic, especially at lower concentrations.

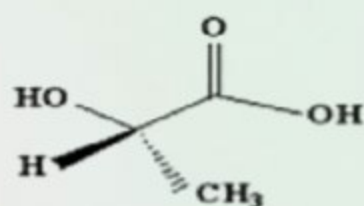
3. **Ease of Processing:** Compared to other biopolymers like polyhydroxyalkanoates (PHA), polyethylene glycol (PEG), or polycaprolactone (PCL), PLA offers superior thermal processability. This means it can be easily shaped using various manufacturing techniques such as injection molding, film extrusion, blow molding, thermoforming, fiber spinning, and film formation.

Applications of PLA

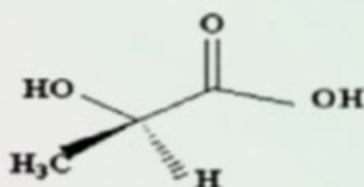
PLA holds the distinction of being the first biopolymer derived from renewable resources to reach commercial production. It's widely used across multiple industries. Its biodegradability, compatibility with living tissues, and ease of processing make it especially valuable in the medical field—for products like surgical sutures, bone fixation devices, tissue engineering scaffolds, and drug delivery systems.

Beyond healthcare, PLA finds extensive use in furniture textiles, packaging materials, composite components, plastic films, and even in 3D printing. Its combination of environmental friendliness and versatile performance positions PLA as a key material in the transition toward more sustainable manufacturing practices.

Dr. Archana Saxena,
Professor, Department of Chemistry



L-lactic acid



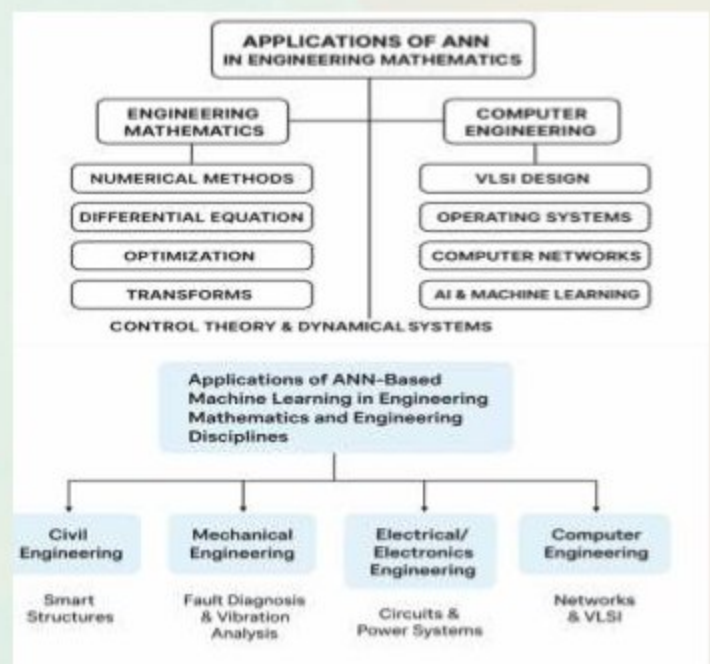
D-lactic acid

The structure of L-lactic acid and D-lactic acid

ARTIFICIAL NEURAL NETWORKS IN ENGINEERING MATHEMATICS: APPLICATIONS OF ANN IN ENGINEERING SYSTEMS

One area of machine learning that is crucial to connecting engineering mathematics with real-world engineering applications is artificial neural networks, or ANNs. Calculus, linear algebra, probability, and optimization are just a few of the mathematical foundations that ANN-based techniques draw upon to provide effective and flexible solutions to issues that are frequently challenging for conventional analytical or numerical techniques. ANNs are extensively used in engineering mathematics to handle high-dimensional nonlinear optimization tasks, approximate solutions of ordinary, partial, and fractional differential equations, improve numerical techniques, and support signal and image processing through transform-based methods. These applications result in practical innovations in engineering fields, including computer engineering's network traffic modeling and VLSI design, mechanical engineering's vibration analysis and fault diagnosis, electrical engineering's circuit simulation and power system stability, civil engineering's structural health monitoring and load prediction, and aerospace engineering's trajectory optimization and flight control. All things considered, ANN-based machine learning offers a strong framework that integrates engineering practice with mathematical modeling, allowing precise, data-driven, and computationally effective solutions to challenging multidisciplinary problems.

Dr Sumit Gupta
Associate Professor
Dept. Of Mathematics



PAPERS PUBLISHED

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PAPERS PUBLISHED IN JOURNAL

TITLE : Dynamic Feature-Based Detection of Malware in Non-Executable Files Using a 1D Convolutional Neural Network

AUTHOR/S : Amit Kumar Singh, Swapnesh Taterh, Pankaj Dadheech

JOURNAL : Panamerican Mathematical Journal, Volume 35, Issue 2, pp. 678-691, 2025

TITLE : Face Identification based on Different Convolutional Neural Network Models for Security System: A Review

AUTHOR/S : Reena Sharma, Vijay Kumar Sharma, Arjun Singh, Dinesh Goyal, Pankaj Dadheech

JOURNAL : Panamerican Mathematical Journal, Volume 35, Issue 2, pp. 626-631, 2025

TITLE : Exploring Load Balancing in Cloud Computing

AUTHOR/S : Archika Jain, Pankaj Dadheech

JOURNAL : International Journal of Innovative Research in Technology (IJIRT) Volume 11, Issue 6, pp. 3165-3169

TITLE : Optimizing Breast Cancer Prognosis with Machine Learning for Enhanced Clinical Decision-Making

AUTHOR/S : Anuraj Jagetiya, Pankaj Dadheech

JOURNAL : Bio-Algorithms and Med-Systems, Volume 20, Issue 1, pp. 37-48, 2024

TITLE : Differentially Processed Optimized Collaborative Rich Text Editor

AUTHOR/S : Nishtha Jatana, Mansehej Singh, Charu Gupta, Geetika Dhand, Shaily Malik, Pankaj Dadheech, Nagender Aneja, Sandhya Aneja

JOURNAL : Multimedia Tools and Applications, Vol. 83, Issue 22, pp. 1-16, 2024

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 : Dr. Mehul Mahrishi

JOURNAL : Q1 Journal - Discover Sustainability (Springer Nature, Scopus Indexed)

TITLE : Performance Analysis of Graphene Metamaterial Absorber for Terahertz Regime

AUTHOR/S : Ms. Shanu Tripathi

JOURNAL : Plasmonics

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

AUTHOR/S : Manish Bhardwaj, Sumit Kumar

JOURNAL : SKIT Research Journal

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

AUTHOR/S : Mr. Sumit Kumar, Mr. Manish Bhardwaj, Dr. Richa Rawal

JOURNAL : SKIT Research Journal

TITLE : 6G Technology: The Next Frontier in Wireless Communication

AUTHOR/S : Manish Bhardwaj, Sumit Kumar

JOURNAL : International Journal of Engineering Research Excellence and Applied Science (IJEREAS)

TITLE : A Quality Assurance Framework for a Cross Industry Standard Process Model in Data Mining Application Development

AUTHOR/S : VIKRAM Khandelwal

JOURNAL : Journal of Intelligent Decision Technologies and Applications

TITLE : ECn-MultiBSTM: multiclass epileptic seizure classification using electro cetacean optimized bidirectional long short-term memory model

AUTHOR/S : Dr. Pankaj Dadheech

JOURNAL : Cognitive Neurodynamics

TITLE : Predictive Lead Scoring for Sales and Marketing Alignment: Using Machine Learning to Prioritize Leads

AUTHOR/S : Dr. Pankaj Dadheech

JOURNAL : The Indian Journal of Technical Education (IJTE)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TITLE	: Evaluation of the a-IGZO thin film transistor's performance in radio frequency and analog measurements
AUTHOR/S	: Abhinandan Jain, Praveen Kumar Jain
JOURNAL	: MRS Advances, (29 Novemeber 2024) pp. 1-9
TITLE	: Efficiency Enhanced Sneezewort Plant Inspired Antenna for mm-wave Applications
AUTHOR/S	: Pallav Rawal
JOURNAL	: Microwave Review, Vol. 30; Issue 2 (30 December 2024) pp. 71-81
TITLE	: Asymmetrical Split Ring Resonators based Plasmonic Sensor for Improved Sensing Performance
AUTHOR/S	: Rahul Pandey, Rukhsar Zafar
JOURNAL	: Journal of Optics, (16 January 2025) pp. 1-9
TITLE	: A Novel Dual-Band Defected Round Structure Wearable Microstrip Patch Antenna for Breast Tumour Detection in Biomedical Applications
AUTHOR/S	: Pallav Rawal
JOURNAL	: Engineering Research Express, Vol. 6; Issue 3 (2024) pp. 1-13
TITLE	: Nano rods-embedded Ring Resonator-based Plasmonic Sensor for Adulteration Detection in Honey Products
AUTHOR/S	: Rahul Pandey, Rukhsar Zafar
JOURNAL	: Plasmonics, (27 August 2024) pp. 1-11
TITLE	: AI-Powered Diagnostics and Personalized Treatment: Enhancing Patient Outcomes in Modern Healthcare
AUTHOR/S	: Shubhi Jain, Harshal Nigam
JOURNAL	: EL-MED-Pub, Scopus, (April 2025), ISSN no. 2226-0439.
TITLE	: Internet of Things: Revolutionizing Connectivity and Automation across Industries
AUTHOR/S	: Monika Mathur, Rajni Idwal
JOURNAL	: Eighth Sense Research Group, February 2025, ISSN: 2293-9516
TITLE	: Wearable Antennas for Next Generation Wireless Communication: A Comprehensive Review
AUTHOR/S	: Monika Mathur, Rajni Idwal
JOURNAL	: Eighth Sense Research Group, March 2025, 1879 2545.

TITLE	: Interconnected concentric ring resonator based plasmonic sensor for ethanol blending detection in fuels
AUTHOR/S	: Rahul Pandey
JOURNAL	: Elsevier, March 2025, ISSN: 1879-2545
TITLE	: Impact of temperature on the performance of efficient GaInP single-junction solar cells with double back surface field
AUTHOR/S	: Praveen Kumar Jain
JOURNAL	: Springer, April 2025, ISSN: 2059-8521
TITLE	: Optimization of a-IGZO top gate thin film transistor for ammonia gas sensor
AUTHOR/S	: Abhinandan Jain, Praveen Kumar Jain
JOURNAL	: Elsevier, May 2025, ISSN: 2949-8228

DEPARTMENT OF MECHANICAL ENGINEERING

TITLE	: Enhancing wear resistance of aluminium 6061 composites with fly ash: A sustainable approach for industrial applications.
AUTHOR/S	: Raj Kumar
JOURNAL	: Advances in Mechanical Engineering, Vol. 16; Issue 10; (2024).
TITLE	: Impact of Alumina and Silicon Carbide Fillers on Epoxy/Glass Fiber Based Hybrid Composites' Dimensional Stability.
AUTHOR/S	: Raj Kumar
JOURNAL	: Journal of The Textile Association, Vol. 85; Issue 3; (2024) pp. 307-313.
TITLE	: A Literature Review on Green Supply Chain Management for Sustainable Sourcing and Distribution.
AUTHOR/S	: Dharmendra Hariyani
JOURNAL	: Waste Management Bulletin, Vol. 2; (2024) pp. 231-238.
TITLE	: Statistical Analysis of Total Quality Management Employees, Customers, Suppliers, and Management Dimensions in Hotel Industries in Jaipur City, Rajasthan, India.
AUTHOR/S	: Dharmendra Hariyani
JOURNAL	: Sustainability Analytics and Modelling, Vol. 4; (2024) pp. 100033.
TITLE	: A Review of the Structured Framework for Sustainability Audits in Manufacturing Organizations.
AUTHOR/S	: Dharmendra Hariyani

JOURNAL : Green Technologies and Sustainability, Vol. 3; (2024) pp. 100170.

TITLE : A Literature Review on Transformative Impacts of Block chain Technology on Manufacturing Management and Industrial Engineering Practices.

AUTHOR/S : Dharmendra Hariyani

JOURNAL : Sustainability Analytics and Modeling, Vol. 3; (2024) pp. 100169

TITLE : Exploring Regression Analysis in Predictive Modelling with Python Tool.

AUTHOR/S : Deepak Kumar, Achin Srivastav, Manoj Kumar Sain, Vikash Gautam

JOURNAL : SKIT Research Journal, Vol. 14 (2); (2024) pp. 52 55

TITLE : Leveraging digital technologies for advancing circular economy practices and enhancing life cycle analysis: A Systematic Literature Review.

AUTHOR/S : Dharmendra Hariyani

JOURNAL : Waste Management Bulletin, Vol. 2; Issue 3; (2024) pp. 69-83.

TITLE : Causes of Organizational Failure: A Literature Review

AUTHOR/S : Dharmendra Hariyani, Poonam Hariyani, Sanjeev Mishra, Milind Kumar Sharma

JOURNAL : Social Sciences & Humanities Open, Vol. 10; (2024) pp. 101-153.

TITLE : Enhancing Wear Resistance of Aluminum 6061 Composites with Fly Ash: A Sustainable Approach for Industrial Applications

AUTHOR/S : Raj Kumar

JOURNAL : Advances in Mechanical Engineering, Vol. 16; Issue 10; (2024) pp. 1-11.

TITLE : Stakeholders' Perspectives and Performance Outcomes of Sustainable Market-Focused Manufacturing Systems in Indian Manufacturing Organizations.

AUTHOR/S : Dharmendra Hariyani

JOURNAL : Advances in Mechanical Engineering, Vol. 13; (2024).

TITLE : Exploring Regression Analysis in Predictive Modelling with Python Tool.

AUTHOR/S : Deepak Kumar, Achin Srivastav, Manoj Kumar Sain, Vikash Gautam.

JOURNAL : SKIT Research Journal, Vol. 14; Issue 2; (2025) pp. 52-55.

TITLE : Performance assessment of solar PV panels under varying environmental conditions: a laboratory and field-based approach for

AUTHOR/S : Chandan Kumar

JOURNAL : Environmental Science and Pollution Research, (2025).

TITLE : A literature review on lean tools for enhancing the quality in the outcome-based education system.

AUTHOR/S : Dharmendra Hariyani

JOURNAL : Thinking Skills and Creativity, Vol. 57; (2025) pp. 101793.

TITLE : A literature review on waste management treatment and control techniques.

AUTHOR/S : Dharmendra Hariyani

JOURNAL : Sustainable Futures, Vol. 9; (2025) pp. 100728.

TITLE : Digital technologies for the Sustainable Development Goals.

AUTHOR/S : Dharmendra Hariyani

JOURNAL : Green Technologies and Sustainability, Vol. 3; (2025) pp. 100202

TITLE : Drivers for the adoption of integrated sustainable green lean six sigma agile service system (ISGLSASS) in the service organizations.

AUTHOR/S : Dharmendra Hariyani

JOURNAL : Sustainable Futures, Vol. 9; (2025) pp. 100571.

TITLE : Recovery strategies for EoL solar panels: sustainable and circular economy practices.

AUTHOR/S : Amit Jhalani, Raj Kumar

JOURNAL : Green Materials, (2025); pp. 1-10.

TITLE : Mitigation of the surface defects in plastic injection moulded parts.

AUTHOR/S : Deepak Kumar, Monu Gupta

JOURNAL : Journal of Emerging Trends in Engineering, Sciences and Technology, Vol. 8; Issue 1; (2025) pp. 116-121.

DEPARTMENT OF CIVIL ENGINEERING

TITLE : Machine learning and deep learning approaches for PM2.5 prediction: a study on urban air quality in Jaipur, India

AUTHOR/S : Saurabh Singh

JOURNAL : Earth Science Informatics, Vol. 18, 2025

TITLE : Machine Learning Approach for Predicting Perfluorooctanesulfonate Rejection in Efficient Nanofiltration Treatment and Removal

AUTHOR/S : Saurabh Singh

JOURNAL : ACS ES&T Water, Vol. 5, Issue 3, pp. 1216-1228, 2025

TITLE : Strength and Durability Assessment of Dolomite Mine Overburden for Ground Improvement

AUTHOR/S : Nishant Sachdeva

JOURNAL : Indian Geotechnical Journal-Springer, pp. 1-19, 2024

TITLE : Investigation of Mechanical Properties of Al5083 Metal Matrix Composites Reinforced with Cu and Ni Particulates: A Study of Flexural and Tensile Behavior

AUTHOR/S : Jetender Babulal Jangid

JOURNAL : SKIT Research Journal, Vol. 14, Issue 2, pp. 56 60, 2024

TITLE : Problem of Parking in Alwar City and their Possible Solutions

AUTHOR/S : Nishant Sachdeva, Dinesh Kumar Sharma

JOURNAL : SKIT Research Journal, Vol. 14, Issue 2, pp. 61 69, 2024

TITLE : State-of-the-Art Review in MicroSurfacing: Harnessing Reclaimed Asphalt Pavement (RAP) for Sustainable Pavement Preservation

AUTHOR/S : Nishant Sachdeva, Dinesh Kumar Sharma

JOURNAL : SKIT Research Journal, Vol. 14, Issue 2, pp. 77 87, 2024

TITLE : Assessing Urban Pedestrian Infrastructure: A Review of Deficiencies, Flow Dynamics, and Safety

AUTHOR/S : Anirudh Mathur, Nishant Sachdeva

JOURNAL : SKIT Research Journal, Vol. 14, Issue 2, pp. 88 93, 2024

TITLE : Ground Improvement using Geosynthetics: A Review

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

JOURNAL : SKIT Research Journal, Vol. 14, Issue 2, pp. 94 98, 2024

TITLE : Corner Modifications and Their Effect on Wind Induced Forces in High-Rise Structures

AUTHOR/S : Ankur Mishra

JOURNAL : SKIT Research Journal, Vol. 14, Issue 2, pp. 99 104, 2024

TITLE : A Futuristic Approach to Subsurface Constructed Wetland Design for the South-East Asian Region Using Machine Learning

AUTHOR/S : Saurabh Singh

JOURNAL : ACS ES&T Water, Vol. 4, Issue 9, pp. 4061-4074, 2024

TITLE : Prediction of Land Surface Temperature Using Spectral Indices, Air Pollutants, and Urbanization Parameters for Hyderabad City of India Using Six Machine Learning Approaches

AUTHOR/S : Saurabh Singh

JOURNAL : Remote Sensing Applications: Society and Environment, Vol. 35, 2024

TITLE : Understanding the multifaceted influence of urbanization, spectral indices, and air pollutants on land surface temperature variability in Hyderabad

AUTHOR/S : Saurabh Singh

JOURNAL : Journal of Cleaner Production, Vol. 470, 2024

TITLE : Applicability of Machine Learning to Predict the Flexural Stresses in Jointed Plain Concrete Pavement

AUTHOR/S : Saurabh Singh

JOURNAL : Journal of Structural Design and Construction Practice, Vol. 30, Issue 1, 2024

TITLE : Durability and Microstructural Analysis of Mortar Incorporating Glass Powder and Copper Slag

AUTHOR/S : Kishan Lal Jain & Dinesh Kumar Sharma

JOURNAL : Jordan Journal of Civil Engineering, Vol. 19 (2), 2025

TITLE : Application of machine learning models for PM2.5 prediction in bengaluru using precursor air pollutants and meteorological data

AUTHOR/S : Saurabh Singh

JOURNAL : Theoretical and Applied Climatology, Vol. 156, 2025

TITLE : Optimizing granite waste aggregate content in self-compacting concrete using multi-criteria decision approach

AUTHOR/S : Abhishek Jain & Nishant Sachdeva

JOURNAL : Sustainable Chemistry and Pharmacy, Vol. 46, 2025

TITLE : Numerical Simulation of Retaining Wall under Rainfall Infiltration with Variable Permeability

AUTHOR/S : Pankaj Gupta

JOURNAL : Indian Geotechnical Journal, 2025

**DON'T
QUIT**

DEPARTMENT OF PHYSICS

TITLE	: Circularly Polarized Exotic Tri-Shakti Shaped Patch Antenna for 5G Millimeter Wave Communication Systems
AUTHOR/S	: Komal Sharma
JOURNAL	: Journal of Nano and Electronic Physics 16 (2024) 04032.
TITLE	: Facile Synthesis of Ternary NiFe ₂ O ₄ -Co ₃ O ₄ @G nano-composite for supercapacitor
AUTHOR/S	: Rajiv Kumar
JOURNAL	: Journal of Eng. Res. Express 6 045012.
TITLE	: Circularly Polarized Exotic Tri-Shakti Shaped Patch Antenna for 5G Millimeter Wave Communication Systems
AUTHOR/S	: Komal Sharma
JOURNAL	: Journal of Nano and Electronic Physics 16 (2024) 04032.
TITLE	: Optimized Electromagnetic Gap Coupled Arrays of E-shaped Microstrip Patch Antenna with Air Gap for Wireless Communication
AUTHOR/S	: Komal Sharma
JOURNAL	: Journal of Nano and Electronic Physics 17 (2025) 01005.

DEPARTMENT OF MATHEMATICS

TOPIC	: EMHD Flow of Double Stratified 3D-Cobalt Ferrite Based Maxwell Nano liquid Flow over an Exponentially Stretching Surface
AUTHOR/S	: Sumit Gupta, Vijay Kumar Singhal
JOURNAL	: Physica Scripta
TOPIC	: INDIGO DYE: Sustainable Dying Option For Textile Industry
AUTHOR/S	: Jyoti Arora
JOURNAL	: Indian Journal of Environmental Protection
TOPIC	: Fractional Calculus of Extended Wright Function with Beta Operator
AUTHOR/S	: Pramila Kumawat, Sangeeta Choudhary
JOURNAL	: Journal of Applied Mathematics and Statistical Analysis, HBRP publication
TOPIC	: Solution of Fractional Differential Equations Involving Hilfer-Hadamard Fractional Derivatives
AUTHOR/S	: Sangeeta Choudhary
JOURNAL	: Indian Journal of Science and Technology

TOPIC	: Anisotropic Bianchi type VI 0 Space-Time with Barotropic Fluid in Sáez – Ballester Theory of Gravitation
AUTHOR/S	: Pramila Kumawat, Sangeeta Choudhary
JOURNAL	: Journal of Scientific Research, Faculty of Sciences, Rajshahi University
TOPIC	: Numerical simulation for MHD slip flow with heat transfer over a stretching Bullet-shaped object
AUTHOR/S	: Surbhi Sharma, Amit Dadheech
JOURNAL	: Heat Transfer, Wiley
TOPIC	: A new solution approach to proportion delayed and heat like Fractional Partial Differential Equations
AUTHOR/S	: Deepika Jain
JOURNAL	: Partial Differential Equations in Applied Mathematics, Elsevier
TOPIC	: A New Approach to Population Growth Model Involving a Logistic Differential Equation of Fractional Order
AUTHOR/S	: Deepika Jain, Sumit Gupta
JOURNAL	: Critical Reviews™ in Biomedical Engineering
TOPIC	: A Comprehensive Review on Medicinal Plants: Current Knowledge and Future Perspectives
AUTHOR/S	: Jyoti Arora, Pramila Kumawat, Sangeeta Choudhary
JOURNAL	: Indian Journal of Natural Sciences
TOPIC	: Thermal Transport of 3D magnetohydrodynamic Jeffrey Ternary Hybrid Nano Fluid over an Exponentially Stretching Surface along Convective Boundaries
AUTHOR/S	: Deepika Jain, Sumit Gupta
JOURNAL	: Thermal Advances, Elsevier
TOPIC	: Pathway Fractional Integral of Incomplete H Functions: An Analytical Approach
AUTHOR/S	: Nawal Kishor Jangid, Sumit Gupta, Vijay Kumar Singhal
JOURNAL	: Bulletin of Calcutta Mathematical Society, Calcutta Mathematical Society
TOPIC	: Descriptive Research on Global Climate Change: Causes, Consequences and Countermeasures
AUTHOR/S	: Jyoti Arora
JOURNAL	: Journal of Information Systems Engineering and Management

TOPIC : An Inventory Model with Partially Time Variable Demand and a Dynamic Cost Analysis

AUTHOR/S : Vivek Vijay

JOURNAL : International Journal of Science and Research

TOPIC : A Dynamic Cost Analysis in an Inventory Model with Partially Time-Varying Demand

AUTHOR/S : Vivek Vijay

JOURNAL : International Scientific Journal of Engineering and Management

DEPARTMENT OF CHEMISTRY

TITLE : Toxicity of Copper oxide nanoparticles: A Review

AUTHOR/S : Swati Joshi and Poonam Ojha

JOURNAL : SKIT Research Journal, Vol. 14; Issue 2 (2024) pp. 105-113

TITLE : A Descriptive Research on Global Climate Change: Causes, Consequences and Countermeasures

AUTHOR/S : Poonam Ojha and Swati Joshi

JOURNAL : Journal of Information Systems Engineering and Management, Vol. 10; Issue 37S (2025) pp. 196-198

TITLE : Assessment of Water Quality of Textile Effluent and Its Treatment Using Banana Peel

AUTHOR/S : Poonam Ojha, Swati Joshi

JOURNAL : Ecology Environment & Conservation, Vol. 30 (July Suppl. Issue), pp.S199-S203, 2024

TITLE : Defluoridation of Water by Metal Oxide and Hydroxide Adsorbents: A Review

AUTHOR/S : Archana Saxena, Sangeeta Vyas, Poonam Ojha, Swati Joshi & Sharda Soni

JOURNAL : International Journal of Biology, Pharmacy and Allied Sciences (IJBPA), Vol. 14; Issue 6, (2025) pp. 3443-3453

DEPARTMENT OF ENGLISH

Title : Building bridges with words: the role of LSRW skills in Language Mastery

Author : Geetika Patni

Journal : Journal of Rajasthan Association for Studies in English

Title : Teaching and Learning of English Language in the Modern Era

Author : Dr. Geetika Patni

Journal : Journal of Rajasthan Association for Studies in English

Title : Peeping into Extraordinary Emotions in Munro, Lessing, and Lahiri

Author : Dr. Geetika Patni

Journal : SKIT Research Journal

Title : Hermeneutics in Jhumpa Lahiri's Works: A Deep Dive into Cultural Identity and Narrative Interpretation

Author : Dr. Geetika Patni

Journal : International Journal of Research Publication and Reviews

Title : Maya Angelou and the Civil Rights Movement: The power of autobiography as a Form of Activism Author-Dr.Geetika Patni

Journal : International Journal of Research Publication and Reviews

Title : Finding Home, Losing Home: The Heart of Identity in Mukherjee and Lahiri's Immigrant Stories

Author : Dr. Geetika Patni

Journal : International Journal of Research Publication and Reviews

DEPARTMENT OF IT

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

AUTHOR/S : Pulkit Ahuja, Manish Bhardwaj, Sumit Kumar, Sanju Choudhary

JOURNAL : SKIT Research Journal, Vol 15; Issue 1, 2025

DEPARTMENT OF ELECTRICAL ENGINEERING

TITLE : "Improved Large Scale Power Systems Stabilizer Performance Using Multi-Verse Optimization

AUTHOR/S : Dhanraj Chitara, Prateek K. Singhal, Sanjeev Kuma

JOURNAL : SKIT Research Journal, Vol. 15, Issue 1:2025, pp. 40-46.

TITLE : "Evaluating the Impact of Dual-Axis Solar Tracking on Energy Efficiency in Clear Weather

AUTHOR/S : Sanjeev Kumar, Geeta Tiwari, Neeraj Tiwari

JOURNAL : International Journal of Sustainable Studies, Technologies, and Assessments, Vol. 2, Issue 1, pp. 1-15, 2025

TITLE : "Optimizing Thermal Generation Scheduling Using Truncated Dynamic Programming Techniques"

AUTHOR/S : Prateek K. Singhal, Sanjeev Kumar, Dhanraj Chitara

JOURNAL : SKIT Research Journal, Vol. 15, Issue 1:2025, pp. 47-54.

TITLE : Intelligent Fault Diagnosis for Power Systems: A Machine Learning Perspective"

AUTHOR/S : Sanjeev Kumar, Arpit Sharma, Shivam Gupta, Yash Kasliwal, Pradeep Rajawat, Prateek K. Singhal,

JOURNAL : International Journal of Multidisciplinary Research in Science, Engineering and Technology, Vol. 8, Issue 4, 2025 pp. 7427 – 7434



CREATIVE CANVAS



SKETCHES



Dr. Niketa Sharma
Associate Professor
Dept. of CSE





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ENGLISH ENCLAVE

STEPPING INTO THE UNKNOWN

Stepping into a world unknown, With hopes so high, yet all alone.
A bag of things some needed, some not, A heart full of dreams,
a mind full of thoughts.

Through the window, the world rushed by, a mix of wonder filled my
eyes. A journey ahead, so vast, so bright, a future waiting, glowing
bright

A vision struck as I passed the gate Some rushed around, some
laughed with cheer. Some held back tears, some stood so strong,
A mix of emotions filled the hall.

Paperwork done, a process so fast, one hand signed, the other
grasped A pile of lectures, a list so long, Yet in my heart, the thrill
stood strong.

Eagerly waiting, heart so light, For a new shelter, a new sight.
A room to call my own at last, A new adventure, fresh and unfilled

As I stepped into my tiny space, Shadows danced around the
place. The walls, the bed, the desk, so plain A new beginning, mine
to claim.

Then arrived the hardest part, A silent ache, a heavy heart. Tears
welled up as they drove away, I wiped them off to a new day. The
knock-knock went on and on, Met new faces some stayed, some
gone. Started a life, uncertain and free, Not knowing where it
would lead me. There were moments that pulled me down, yet
I rose, refused to get lost.

Not sure where the courage grew from, But somehow, I always
pushed through. Each day, an adventure untold, Turned pages,
lessons learned. I realized in time, so clear, I exist only if I am here.

I learned to stand on my own first, To value my needs, to quench my
thirst. Step by step, I found my way, Through winding paths,
I chose to stay. I am a learner, forever will be, Life keeps teaching,

endlessly. People come and people go, Some bring warmth, some
bring woe.

But this journey has just begun, there's more to see, more to run.
A path ahead, unknown, so wide, Yet I walk with strength inside.

Through every storm and sunny day So much to see, so far to go.
Each step I take, a story grows, In unknown paths, my spirit flows.

No path is set, yet taller I stand. With lessons learnt and dreams in
hand, The road ahead though unknown and unplanned, Yet I move
forward, And stronger I stand.
Yet I move forward.....

Ajo George Mathews
II YEAR, CSE

"THE WANDERER'S WAY"

I stood where silence met the breeze,
Two paths ahead, both lined with trees.
One was bright with easy light,
The other, dim but felt just right.
No signs, no map, no guiding hand,
Just trembling steps on shifting sand
The world said, "Go where others go,"
But my heart whispered, "Make it slow."
So I turned where few had been,
Past the noise, beneath the green
With every scar and every fall,
I found myself — I found it all.

Rishita Gupta
III Year, IT

ARE WE GOING RIGHT?

Where are we?
Was this all planned?
Could this have been better?
The day I chose this path,
If I had frozen,
Took the other one,
It wouldn't be the same as now,
What I have achieved,
Still sometimes I doubt,
Is this better, or the one which I left behind,
But does that even matter?

Be a river,
Go with the flow,
And everything you will face,
Will never be low,
Sun will shine,
You'll reign,
Keep your thinking aside,
And focus on your appetite,
What is written for you?
In the sea of shells, will find you,
Just be kind,
Keep your mind,
Have a dine,
Everything's going to be fine!

Lakshya Bhandari
II Year, Data Science

THE DIFFERENCE ECHOED EVERYWHERE

In the dim light of the Sun,
I was walking along a road
Getting a little far
I encountered a crossroad
I stood up for a while
Unsure which path to take
The step was crucial for
The worth in my life it will make
One way was filled with breeze of flowers
Another was giving sparks' showers
With the fear of fierce flame
I turned to walk the flower lane
Suddenly, I glimpsed the burning helios
As if it gave a silent indication
My mind was clouded, lost in chaos
And then I knew the cause of fluctuation
I finally chose the quiet way
The path with fewer travellers there
Though others mocked what I obey
The difference echoed everywhere

Kanika Agarwal
III Year, AI

I SPY

I like to spy with my eyes,
on rides back home,
I witness an array of emotions
and a sea of stories that swim by.
all In a whim of course,
not a second i spend on,
who how when and why ? But then,
returning home one morning,
sitting in the canopies i found a stranger,
a stranger with the appearance of a beggar,
and the aura of a poet,
there he sat against a huge tree,
with a notebook and a pen in his dainty hands,
and i wondered if,
he thinks of others story too,
as I did when my eyes caught him,
and my mind all but asked,
would he tell me if I wanted to know ?
of who and what it is that he writes about,
with a smile on his face and
love in his sight.
I wish I knew, but you see,
In a millisecond,
he was gone from my sight,
never to be found again,
it is hard, is it not ?
to not just see, but observe,
all the mystery one can be.

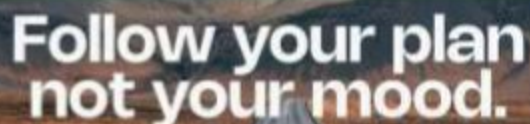
Somya Roy
III Year IoT

"THE FRAGILITY OF TRUTH IN AN AGE OF INFINITE PERSPECTIVES"

Life is a series of choices, each one a path we take. Some trails are well-worn, trodden by the feet of millions, paved with popular opinions, political slogans, and the endless noise of the digital world. Others are quiet, less visible, and obscured by the shadows of doubt. Just like in Robert Frost's poem, we often find ourselves at a crossroads, caught between what feels true and what is true.

In his philosophy of Advaita, the great sage Adi Shankara spoke of three levels of reality:

- The Illusory (Pratibhasik Satya): These are temporary illusions, like a mirage in the desert. They appear real but are not.



**Follow your plan
not your mood.**

- The Practical (Vyavaharik Satya): This is the everyday truth we use to navigate life. It's the reality of cause and effect, of a desk in a room, of a conversation with a friend. It's functional, but not the whole picture.
- The Ultimate (Paramarthik Satya): This is the ultimate, unchanging truth that lies beyond all appearances and dualities. It is the destination of the deepest spiritual and intellectual journey.

Most of us spend our time lost between the first two roads. We live by what we see, by shifting perspectives, and by what society tells us is real. We scroll, we consume, we debate, yet we rarely pause to ask if the road we're on leads to a deeper understanding, or if we're circling illusions.

This is the very essence of truth's fragility in our time. Instead of embarking on the harder, quieter journey toward the ultimate truth, we tend to choose the easier path, which is often filled with half-truths and other people's opinions. We let politicians, influencers, books, and even our friends become signposts that point us in different directions. In following them without question, we forget to listen to our inner voice, our reasoning, and our quiet compass.

Truth, the real and profound kind, waits patiently on the path fewer people choose. It isn't loud, popular, or trending. It waits for those willing to ask questions, to embrace doubt, and to take the uncomfortable road that most people avoid.

The ancient Kena Upanishad offers a timeless warning: those lost in ignorance sink into darkness, but those lost in excessive knowledge sink even deeper. It reminds us that both a lack of reflection and an over-reliance on intellect can trap us. The real journey isn't about collecting endless perspectives; it's about having the courage to strip away illusions, even if it feels lonely.

And perhaps, even as I speak, I am guilty of the same; shaping, bending, maybe even distorting what I call "truth" into a form palatable to you. For me, I am right; in reality, I may be part of the illusion. That is the maya tattva, the cosmic game in which every participant claim truth, yet reality remains untouched.

This is the fragility of truth in an age of infinite perspectives: everyone is correct in their world, and yet wrong in reality. And in this tension, truth waits..... patient, unbroken, but almost forgotten.

By R.S. Thanvi
III Year, CSE

— CONFESSIONS! —

ROAD NOT TAKEN: A JOURNEY THROUGH TIME, CHOICE, AND IDENTITY

Two roads diverged in a yellow wood and a century later, we are still standing at that fork every day, in every decision, in every heartbeat.

Robert Frost's "The Road Not Taken" isn't just a poem. It's a mirror we carry in our minds, quietly reflecting the millions of choices that shape us not all grand, some heartbreakingly small. It's about the physics of life: once a particle moves one way, it alters everything. You don't just choose a road you rewrite your entire future. What makes this poem uniquely eternal is its paradox. The speaker admits the roads were really about the same. Yet, in hindsight, he claims that one made "all the difference." That's the magic of human memory: we mythologize our past to survive the uncertainty of our present.

In a world of GPS, social media trends, and life coaches, Frost hands us a compass with no labels. The poem isn't advice it's a confession. The sigh in the last stanza is the sound of every human soul wondering: What if?

But rather than mourning the "road not taken," Frost invites us to recognize the power we hold in shaping our own stories. He does not offer certainty or moral clarity. Instead, he offers something more profound: permission to reflect, to reframe, and to find meaning in where we are now.

And that's what makes this poem cosmic. It speaks not just to those making life changing decisions, but to anyone who's ever stood at 3 AM wondering if they should have said yes, or walked away, or simply turned left instead of right.

Aishani Billore
III Year, Data Science

YOU ARE STRONG ENOUGH
TO **KEEP GOING.**"

THE ROAD I NEVER CHOSE, YET WALK EVERY DAY

I didn't choose Electronics and Communication Engineering — it chose me.

My heart was always drawn to computers, software, and the limitless world of AI and Machine Learning. I imagined myself surrounded by lines of code, not circuit diagrams and transistors. When the branch allocation came and I wasn't in CS or IT a silence fell within me. It felt like a door had quietly shut.

But life doesn't always unfold according to our plans. And maybe that's where the true journey begins — when you're placed on a path you never expected to walk.

In the initial months, I doubted everything. "Am I really meant for this?" I'd ask myself after struggling with physics and analog concepts. Everyone around me seemed to adjust so easily, while I fought a battle within — between what I got and what I wanted.

But one thing kept me going: my dream of becoming a software engineer.

Yug Nanda
II Year, ECE

THE ROAD I CHOSE

When I first stepped into college, I was full of energy and excitement. I've always been an outgoing person—I love talking to new people, hearing their stories, and making friends. Some of them stayed with me through thick and thin, while others were beautiful, brief chapters of my college life. Each of them added something to my days.

In the beginning, I stayed close to comfort. I had a lovely group of friends, safe and familiar, and in the first six months, life was full of laughter, food outings, endless reels, and late-night talks.

It was nice. But somewhere deep down, I felt... still.

It wasn't boredom. It was the quiet ache of knowing I wasn't growing.

One evening, I found myself staring at the guitar gifted by my school friends—a gift that had gathered more dust than songs. I remembered how it felt to hold it for the first time, full of dreams and silent strings. And I knew then: I didn't want to let this be one of those things I never tried. So I stepped away from the crowd—not

dramatically, just enough to hear my own thoughts. I found a nearby music academy and joined. My teacher, Pawan Kumar Sir, became one of the first persons in college life to see me not just as a student, but as someone discovering themselves. I met people at the academy who didn't care about placements or package instead they cared about rhythm, about joy, about expression. For the first time, I wasn't fitting in—I was belonging.

As a result, I sang once and even performed live with a band—I played the guitar. I still remember that day so vividly. The lights, the sound, the smiles... I was really happy. In that moment, I felt more alive than I had in a long time.

Toward the end of my first year, while many around me were diving into web development or competitive coding, I felt something different calling me. I had loved Python since school. It felt natural, almost like a language I already spoke. So, I chose data science and machine learning—not because it was trendy, but because it made sense to me. Suddenly, I had something unique to bring to the table. People listened, asked questions, got curious. I wasn't just another voice—I was me, I felt unique. Of course, life isn't a clean arc. My third year was rough. I lost focus, lost track, lost myself a little. But that's the thing about music and passion—they wait patiently.

In my fourth year, I returned to the road I had started carving, more certain than ever. Placements are around the corner now, and this time, I'm not afraid. I'm ready. Looking back, I realize that the most important decisions aren't always loud or dramatic. Sometimes, they're quiet shifts—dusting off an old guitar, choosing the less popular subject, letting your curiosity lead. Those are the roads that shape us.

I didn't take the obvious path.

I took the one that felt right.

And that, truly, has made all the difference.

Khushi Oswal
IV Year, Data Science

THE ROADS BEFORE ME

It starts quietly — not with a bang, but with a question. "What do you want to do after B.Tech?"

As a Computer Science student, that question now looms over me like a heavy fog. My mind is at a crossroads — not one, but many, each paved with possibilities and risks.

One road leads to Software Development (SDE) — the classic choice.

It promises a structured placement process and a decent pay. Leet code problems, system design, competitive coding and full-stack web development — a clear map.

Another road leads to the world of AI and ML — where math meets machines. But it also asks for long hours with models that don't always converge and papers that confuse more than clarify.

Then there's Cloud Computing — the backbone of modern tech. Scalable systems, endless certifications.

Cyber security calls out too, like a shadowy trail lit by curiosity and caution, should it be ethical hacking, digital forensics, threat analysis or bug hunting. But the road is guarded by expensive exams and elusive internships.

And beyond that — more roads still:

- UI/UX Design, where tech meets creativity
- Data Science, with its dashboards and predictions
- M.Tech and Research, for the seekers
- Startups, high risks and high profits
- Or even UPSC or MBA, roads that veer sharply from tech, but still lie open. And many more

With each road I imagine myself on, another fades behind me. And the hard part is not the choosing, but the leaving behind. I fear: What if I choose AI and realize I miss coding real-world apps? What if I spend a year on SDE prep, only to find my heart was always with security? What if the road I choose isn't the one that makes me proud ten years from now?

And yet, that's the truth of it.

Career isn't a straight highway. It's a network of looping paths — and no map shows them all.

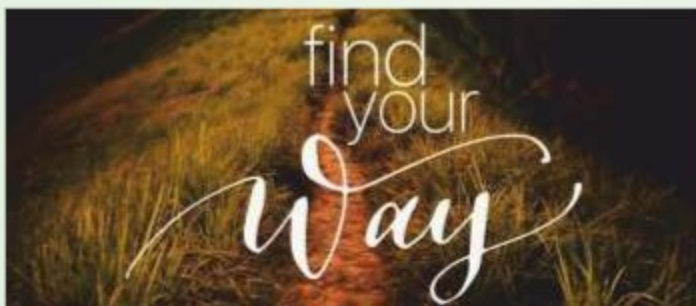
I used to think the answer was to find the best road.

Now I know: there is no best — only the one I walk with responsibility.

But I hope that one day, I'll look back and say, "I chose a road, and it became mine because that's the one that makes me.

Avani Shrimali

III Year, AI



प्लास्टिक के अंधाधुंध प्रयोग से मानव जीवन संकट में

पृथ्वी को पॉलीथीन के अंधाधुंध प्रयोग से जिस तरह प्रदूषित किया जा रहा है उससे सम्पूर्ण मानव जीवन आहत है। पृथ्वी संरक्षित होगी तो मानव जीवन भी सुरक्षित होगा। पॉलीथीन के दुष्परिणाम एवं विप्लेपन से आमजन को सतर्क और जागरूक कर हम पर्यावरण की रक्षा करने के साथ साथ पृथ्वी को हरा भरा बना सकते हैं। आज वैश्विक स्तर पर प्रतिव्यक्ति प्लास्टिक का उपयोग जहाँ 18 किलोग्राम है वहीं इसका रिसायक्लिंग मात्र 15.2 प्रतिशत ही है। प्लास्टिक प्रदूषण मानव जीवन के समक्ष एक बड़े खतरे के रूप में उभरा है। प्लास्टिक पर्यावरण और स्वास्थ्य के लिए एक गंभीर खतरा है। जब बड़ा प्लास्टिक छोटे टुकड़ों में विभाजित होता है तो छोटे टुकड़े धीरे-धीरे समुद्र पहुँच जाते हैं। इन छोटे प्लास्टिक के टुकड़ों को मछलियाँ खा जाती हैं। हम मछली खाते हैं और यह प्लास्टिक हमारे शरीर में पहुँच जाता है। इस प्रकार प्लास्टिक प्रदूषण पर्यावरण और स्वास्थ्य के लिए एक गंभीर खतरा है।

मानव द्वारा निर्मित चीजों में प्लास्टिक थैली एक ऐसी वस्तु है जो जमीन से आसमान तक हर जगह मिल जाती है। पर्यटन स्थलों, समुद्री तटों, नदी नालों, खेतों खलिहानों, भूमि के अंदर बाहर सब जगहों पर आज प्लास्टिक के कैंरी बैग्स अट्टे पड़े हैं। घर में रसोई से लेकर पूजा स्थलों तक हर जगह प्लास्टिक थैलियाँ रंग बिरंगे रूप में देखने को मिल जाएगी। चावल, दाल, तेल, मसाले, दूध, घी, नमक, चीनी आदि सभी आवश्यकता के सामान आजकल प्लास्टिक-पैक में मिलने लगे हैं। दूधब्रश से सुबह ब्रश करना हो या ऑफिस में दिन भर कम्प्यूटर पर काम, बाजार से कोई सामान लाना हो या टिफिन और वॉटर बॉटल में खाना और पानी लेकर चलना। प्लास्टिक हर जगह है। आज प्रत्येक उत्पाद प्लास्टिक की थैलियों में मिलता है जो घर आते आते कचरे में तब्दील होकर पर्यावरण को हानि पहुँचा रहा है। अरबों प्लास्टिक के बैग हर साल फेंके जाते हैं। चूँकि प्लास्टिक स्वाभाविक रूप से विघटित नहीं होता है इसलिए यह प्रतिकूल तरीके से नदियाँ, महासागरों आदि के जीवन और पर्यावरण को प्रभावित करता है। जहाँ कहीं प्लास्टिक पाए जाते हैं वहाँ पृथ्वी की उपजाऊ शक्ति कम हो जाती है और जमीन के नीचे दबे दाने वाले बीज अंकुरित नहीं होते हैं तो भूमि बंजर हो जाती है। प्लास्टिक नालियों को रोकता है और पॉलीथीन का ढेर वातावरण को प्रदूषित करता है। चूँकि हम बचे खाद्य पदार्थों को पॉलीथीन में लपेट कर फेंकते हैं तो पशु उन्हें ऐसे ही खा लेते हैं जिससे जानवरों के स्वास्थ्य पर प्रतिकूल प्रभाव पड़ता है यहाँ तक कि उनकी मौत का कारण भी पॉलीथीन है। प्लास्टिक महंगा नहीं है, इसलिए यह अधिक उपयोग किया जाता है। इसने हमारी भूमि कठ्ठा कर लिया है, जब इसको समाप्त किया जाता है, तो यह आसानी से विघटित नहीं होता है और इसलिए वह उस क्षेत्र के भूमि और मिट्टी को प्रदूषित करता है। एकबार ही प्रयोग के बाद अधिकांश लोग प्लास्टिक की बोतलें और पॉलीथीन बैग को फेंक देते हैं। इससे भूमि और साथ ही महासागरों में प्रदूषण दर बढ़ जाती है मुख्यतः विकासशील और अविकसित देशों में इसकी वजह से प्रदूषण बढ़ रहा है।

एक बार इस्तेमाल कर फेंके जाने वाले यानी सिंगल यूज प्लास्टिक पर लगाम कसने की सरकार के स्तर पर युद्ध स्तर पर तैयारी शुरू हो गई है। हर मंत्रालय को इसकी जिम्मेदारी सौंप दी गई है। प्रधानमंत्री नरेंद्र मोदी ने देशवासियों को प्लास्टिक के दुष्परिणामों से सावधान रहते हुए कहा की इस भयावह चुनौती से निपटने के लिए सरकार के साथ जनता को आगे आना होगा तभी मिल जुलकर मानव जीवन पर मंडरा रहे खतरे का सामना कर पाएंगे। प्रधानमंत्री का कहना है सिंगल यूज प्लास्टिक को रिसायकल किया जाएगा जो रिसायकल नहीं किया जाएगा उनका इस्तेमाल सड़क बनाने में किया जाएगा। मोदी ने कहा कि अब आप अपने घर से बाहर जाएं तो सामान लेने के लिए साथ में झोला लेकर जाएं सरकारी दफ्तरों में अब प्लास्टिक की बोतलों की बजाय मिट्टी के बर्तनों की व्यवस्था हो। भारत सरकार ने आमजन को प्लास्टिक प्रदूषण से आगाह करने के लिए वृहत्तर अभियान चलाया है। अभियान के दौरान विभिन्न कार्यक्रमों के माध्यम से प्लास्टिक प्रदूषण से जल जंगल और पृथ्वी को होने वाली हानि के साथ मानव के स्वास्थ्य पर पड़ने वाले विपरीत प्रभाव से अवगत कराया जायेगा।

भारत सरकार द्वारा 40 माइक्रोन से कम की प्लास्टिक थैलियों पर लगा प्रतिबंध कारगर ढंग से लागू नहीं हुआ है। प्लास्टिक की 40 माइक्रोन से नीचे की थैलियां स्वाभाविक रूप से सड़ गल कर नष्ट या बायोडिग्रेडेबल नहीं होती हैं बल्कि वे पर्यावरण में यथावत बनी रहती हैं। देश में प्लास्टिक बैगों पर कोई प्रतिबंध नहीं है लेकिन 40 माइक्रोन से नीचे के प्लास्टिक बैगों के इस्तेमाल की अनुमति नहीं है। इसके बावजूद इन थैलियों का सर्वत्र धड़ले से प्रयोग किया जा रहा है। केवल कानून बनाकर ही इस पर अमल नहीं होगा। जरूरत इस बात की है की इस भयावह खतरे को हम खुद समझे और तदनु रूप आचरण करें तभी पृथ्वी और जीव जगत को बचाना संभव होगा। भारत दुनिया भर में जूट उत्पादन के क्षेत्र में नंबर एक देश है। देश में जूट के थैलों की बढ़ती मांग के मद्देनजर उत्पादन बढ़ाया जाए। जूट और कपड़े के थैलों को इस्तेमाल को प्रोत्साहित करने के लिए देश भर में अभियान चलाया जाए कॉरपोरेट सोशल रिस्पॉन्सिबिलिटी के जरिए कपड़े की थैलियां सस्ते दामों पर मुहैया कराई जाएं तभी प्लास्टिक के प्रयोग को रोक जा सकेगा।

मानव जीवन के लिये पर्यावरण का अनुकूल और संतुलित होना बहुत जरूरी है। पर्यावरण को प्रदूषित होने से हमारे स्वस्थ जीवन में कांटे पैदा हो गए हैं। विभिन्न असाध्य बीमारियां ने हमें असमय अंधे कुएं की ओर धकेल दिया है जिसमें गिरना तो आसान है मगर निकलना भारी मुश्किल। यदि हमने अभी से पर्यावरण संरक्षण पर ध्यान नहीं दिया तो आने वाला मानव जीवन अंधकारमय हो जायेगा। यह प्रत्येक व्यक्ति का कर्तव्य है कि वह अपने आस पड़ोस के पर्यावरण को साफ सुथरा रखकर पर्यावरण को संरक्षित करे तभी हमारे सुखमय जीवन को सुरक्षित और संरक्षित रखा जा सकता है।

डॉ. पुनम ओझा

एसोसिएट प्रोफेसर, रसायन विज्ञान विभाग

अतुल्य भारत

जब रोज सुबह मैं मस्तक पर हिमालय सा ताज सजाता हूँ,
तब मैं भारत कहलाता हूँ।
अस्सी घाटों का जब मैं संग पाता हूँ,
तब मैं कुंभ हो जाता हूँ।
तब त्रिवेणी संगम पर झुपकी लगता हूँ,
तब मैं भारत कहलाता हूँ।
अनेक अखाड़ों मठों पर जब मैं अध्यात्म पाता हूँ,
तब मैं भारत कहलाता हूँ।
रावी, सतलज, चेनाब सा जब मैं उफान पाता हूँ,
तब मैं भारत कहलाता हूँ।
धारों पर खिलखिलाती धूप मिट्टी चमकती है,
संस्कृति और कला जहाँ आकार पाती है,
मैं जब इसमें राजस्थानी रंग मिलाता हूँ,
तब मैं भारत कहलाता हूँ।
रणधीरों की रणवीरों की गाथा जब मैं सुनाता हूँ,
तब मैं भारत कहलाता हूँ।
शेरों सा जब मैं दहाड़ता हूँ,
नवरात्रों में डाँडिया संग धूम मचाता हूँ,

तब मैं भारत कहलाता हूँ,
अंधेरी से कुर्ला जब मैं लोकल से जाता हूँ,
तब मैं भारत कहलाता हूँ।
और गणेश उत्सव में रणभेरी बिगुल और नगाड़ों का समावेश पाता हूँ,
तब मैं भारत कहलाता हूँ।

बगीचे के हर फूल में सजती मेरी शान है,
प्यार की माला में जब मैं पिरोया जाता हूँ,
तब मैं भारत कहलाता हूँ।
तब मैं भारत कहलाता हूँ।

देव टाक
तृतीय वर्ष, ए. आई

अलग

हर कहानी अलग है, चाहे दिखती एक है, हर क्षण अलग है, चाहे चाल एक है,
हर दिन अलग है, चाहे साल एक है, हर सांस अलग है,
चाहे जीवन एक है, सब का संसार अलग है, चाहे आभास एक है,
सबकी यात्रा अलग है, चाहे गन्तव्य एक है, सबसे सम्बन्ध अलग है,
चाहे व्यक्ति एक है, हर आँसू अलग है, चाहे आँख एक है,
हर फूल अलग है, चाहे डाल एक है, हर सफलता अलग है,
चाहे काम एक है, हर मृत्यु अलग है, चाहे जीव एक है,
हर जन्म अलग है, चाहे संकल्प एक है।

डॉ. प्रमीला कुमावत
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