



BIANNNUAL NEWSLETTER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT AND GRAMOTHAN, JAIPUR

RAM NAGARIYA RD, SHIVAM NAGAR, JAGATPURA,
JAIPUR - 302017, RAJASTHAN, INDIA

"THOUGHT THAT SHAPED COMPUTER SCIENCE"



Dr. John McCarthy – The Father of Artificial Intelligence

This quarter, we celebrate the pioneering contributions of Dr. John McCarthy (1927–2011), one of the most influential figures in the field of Computer Science. Known as the “Father of Artificial Intelligence (AI),” Dr. McCarthy’s visionary work continues to inspire research and innovation in the modern digital era.

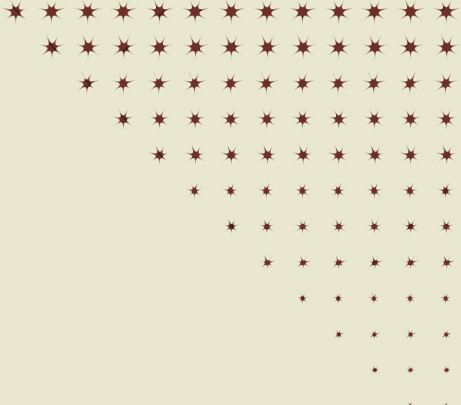
Dr. McCarthy coined the term Artificial Intelligence in 1956 during the historic Dartmouth Conference, which is often regarded as the birthplace of AI as a scientific discipline. His groundbreaking ideas laid the foundation for machine learning, natural language processing, and intelligent systems that we experience in today’s technologies such as chatbots, autonomous vehicles, and smart assistants.

Beyond AI, he developed the LISP programming language, which became the primary language for AI research for decades and introduced concepts still vital in computer programming today. His work on time-sharing systems also revolutionized the way computers were accessed, paving the way for interactive computing.

Dr. McCarthy’s vision extended far beyond his time—he believed that machines could one day reason like humans and that computing should be accessible to all. His legacy continues to shape the landscape of computer science, influencing both academia and industry.

As we honor Dr. McCarthy this quarter, we are reminded that great ideas not only solve present challenges but also illuminate paths for the future.

“He who refuses to do arithmetic is doomed to talk nonsense.”
— John McCarthy



VISION AND MISSION

DEPARTMENT VISION

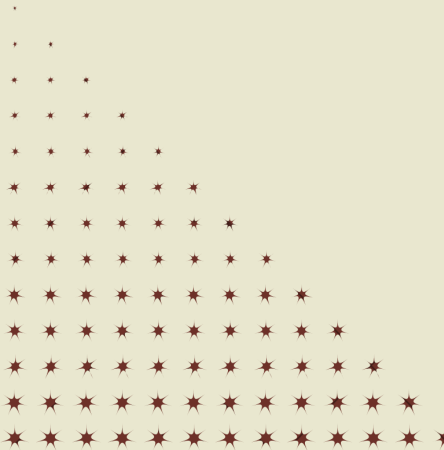
- To produce quality computer engineers trained in latest tools and technologies.
- To be a leading department in the region and country by imparting in-depth knowledge to the students in emerging technologies in computer science & engineering.

DEPARTMENT MISSION

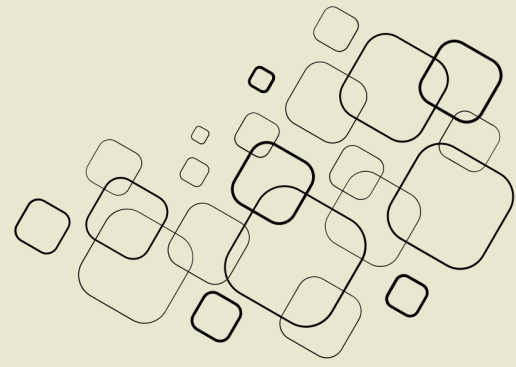
Deliver resources in the IT-enabled domain through:

- M1: Effective Industry interaction and project-based learning.
- M2: Motivating our students for employability, entrepreneurship, research and higher education.
- M3: Providing excellent engineering skills in a state-of-the art infrastructure.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- 
- PEO1: Prepared to be employed in IT industries and be engaged in learning, understanding, and applying new ideas.
 - PEO2: Prepared to be responsible professionals in their domain of interest.
 - PEO3: Able to apply their technical knowledge as practicing professionals or engaged in higher education.
 - PEO4: Able to work efficiently as an individual and in a professional team environment.

HOD'S DESK



I am delighted to present the first edition of the newsletter for the Department of Computer Science & Engineering. This publication is a milestone for the Department of Computer Science & Engineering, serving as a platform to highlight the activities, achievements, and aspirations of our students and faculty members.

I believe that our department continues to evolve in tune with the rapidly changing landscape of technology. Whether it is the strong foundations provided by core subjects of CSE, the intelligence-driven future shaped by AI, the insights unlocked by data science, or the connectivity revolution led by IoT, our students and faculty are making meaningful contributions across domains. Through this newsletter, we aim to capture these endeavors, celebrate our milestones, and share our collective journey of innovation and growth. This initiative is not only a record of our progress but also a reflection of the dedication, creativity, and spirit of collaboration that define our department.

I hope that this newsletter will inspire students, faculty, alumni, and all stakeholders to remain connected and engaged with the department's journey. I extend my heartfelt gratitude to the editorial team and contributors who have worked with enthusiasm and commitment to bring this first edition. I encourage everyone to actively participate in future editions, ensuring that this platform continues to represent the dynamism of the department. Together, as one department with many dimensions, let us continue to innovate, inspire, and lead the way in shaping the future.



Warm Regards,

Prof. Mehul Mahrishi
Head of Department
Computer Science & Engineering
SKIT, Jaipur



EDITOR'S DESK

It is with great pride that we unveil the inaugural edition of the Department of Computer Science and Engineering's biannual newsletter. This publication is conceived as a platform to showcase the spirit of our department—where curiosity meets innovation, and knowledge translates into impact.

Rather than being just a compilation of news, this edition seeks to capture the essence of our collective journey. Within these pages, you will discover highlights of academic excellence, breakthroughs in research, vibrant student initiatives, and the remarkable journeys of our alumni who continue to inspire us.

We extend heartfelt gratitude to everyone who contributed to this endeavor. Your efforts enrich our community and set the stage for future collaborations. We encourage all members—faculty, students, and alumni—to engage actively by sharing their insights, experiences, and achievements for forthcoming issues.

This newsletter is envisioned not merely as a record, but as a reflection of our growth and aspirations—an evolving chronicle that celebrates achievements, strengthens connections, and fosters a forward-looking mindset. We invite you to immerse yourself in this edition and draw inspiration from the stories it carries.



Dr. Aakriti Sharma
Editor
CSE - SKIT, Jaipur



Mr. Rajesh Rajaan
Editor
CSE - SKIT, Jaipur

STUDENTS MEMBERS:



Lagan Gupta
B.Tech, IIInd Year



Jainish Jain
B.Tech, IIInd Year

ALUMNI CORNER

FEATURED UG ALUMNI



Jigyashu Sharma

iOS SDE Developer — Slice

B.Tech (CSE) — SKIT Jaipur (2021–2025)

Looking back at my four years at SKIT, I feel deeply grateful for the opportunities, guidance, and support that shaped my journey. From the very first semester in 2021, the environment of SKIT motivated me to grow both academically and personally.

One of my earliest achievements was being selected for the Smart India Hackathon 2022 in Chandigarh, which gave me the confidence to think innovatively and solve real-world problems. In 2023, I had the privilege of attending the India Mobile Congress in Delhi during the 5G launch, an experience that exposed me to the rapidly evolving tech landscape.

Being part of the Incubation Cell further fueled my passion for innovation, where I registered my project Mom's Kitchen. It was not just a project, but an experience that taught me about research, leadership, and teamwork. I also participated in Rajasthan Digest, JECRC Hackathon, and several incubation events, all of which were strongly supported by the college.

My journey also included stepping into the professional world early. In my 5th semester, I self-placed as a Project Manager at Appentus, which gave me a solid start in understanding project execution and client handling. Later, through campus drives and opportunities, I was able to secure multiple roles:

- QA Intern at Metadrob
- SDE at Booking Holdings, Bengaluru
- Product Engineer at HyperSwitch
- Currently, iOS SDE Developer at Slice

B.Tech. Journey :

- First Year (2021–22): Adapted to the college environment, built fundamentals, and achieved selection in Smart India Hackathon 2022.
- Second Year (2022–23): Represented college at India Mobile Congress, Delhi, worked on incubation projects, and explored research and leadership.
- Third Year (2023–24): Actively participated in hackathons, registered Mom's Kitchen at Incubation Cell, and built strong industry awareness.
- Fourth Year (2024–25): Achieved professional placements — Appentus, Metadrob, Booking Holdings, HyperSwitch, and Slice.

SKIT has been instrumental in shaping my career — from providing a platform for innovation to connecting me with industry opportunities. The faculty's mentorship, the college's support system, and the vibrant culture pushed me to give my best in every endeavour.

I will always remain grateful to SKIT for nurturing me into a professional who values innovation, hard work, and perseverance. The lessons I learned and the memories I created here will continue to inspire me in every step of my journey.

ALUMNI CORNER

FEATURED UG ALUMNI



Squadron Leader Vibhuti Mangal (Retd.)
Military Veteran | Global IT Leader | Author
B.Tech (CSE) - SKIT Jaipur (2008 - 2012)

A dynamic and multifaceted leader, Squadron Leader Vibhuti Mangal combines military excellence, corporate leadership, and social impact. With 10 years of distinguished service in the Indian Air Force and her current role as Global IT Manager at Amazon, she brings rare insights on leadership, technology, and human transformation.

Military & Aviation Excellence:-

- Commissioned as Group A Officer by the President of India (2012)
- First woman officer trained in Combat Assault Team (C.A.T.)
- Specialized in helicopter rescue and reconnaissance missions
- Represented India in international war exercises

Professional Background:-

- Global IT Manager, Amazon – leading multinational IT operations and 24×7 support teams
- Asia Pacific DEI & CSR Lead, Amazon – driving inclusion and sustainability programs
- Global EQ Champion and National Sustainability Ambassador
- Executive MBA, IIM Mumbai | Holder of 5 master's degrees across technology and management

Coaching & Mentorship:-

- Conducted 500+ life and career counselling sessions across India
- Mentored 5,000+ students and professionals in leadership, empathy, and stress management
- Holds exclusive weekend coaching sessions for senior government officials and corporate leaders, focusing on emotional intelligence, life harmony, and purpose-driven leadership
- South Asia Champion, Project Management Institute (PMI) – mentoring 1,000+ professionals

Social Impact Initiatives:-

- Founder, KGWF NGO, Jaipur
- Secured and deployed Grants worth INR 50+ lakhs
- Upskilled villagers in Naina Devi Reserve, Uttarakhand
- Enhanced educational infrastructure in underprivileged schools in Jaipur

Notable Achievements:-

- Author of award-winning book “Elements of Emotions”
- Honoured by the Education Minister and the Vice President of India
- Awards: Most Impact-Focused Volunteer, Women Achiever Award, Most Talented Amazonian, Inspire Award
- Certified in natural home building, organic farming, and beekeeping
- National Martial Arts Champion and Black Belt holder

STUDENT CORNER

WORKSHOPS ORGANIZED

1. **Student Workshop (AI, DS, IoT): Web Development using Full Stack** was held offline from 14th–23rd August 2025, coordinated by Mr. Manish Bhardwaj and Mr. Sumit Mathur.
2. **Student Workshop (AI): “Applied NLP: From Text Processing to Transformers”** was organized offline from 25th–29th August 2025, coordinated by Dr. Niketa Sharma, Ms. Shanu Tripathi and Mr. Rajesh Rajaan.
3. **Student Workshop (CS): Blockchain and Web 4.0: The Future of Decentralization** was organized offline from 15th–19th September 2025, coordinated by Ms. Priyanka Sharma and Mr. Pawan Patidar.
4. **Student Workshop (IoT): Edge Devices & Smart Thinking: IoT in 2025** was held offline from 23rd–27th September, 2025, coordinated by Dr. Aakriti Sharma and Dr. Nilam.

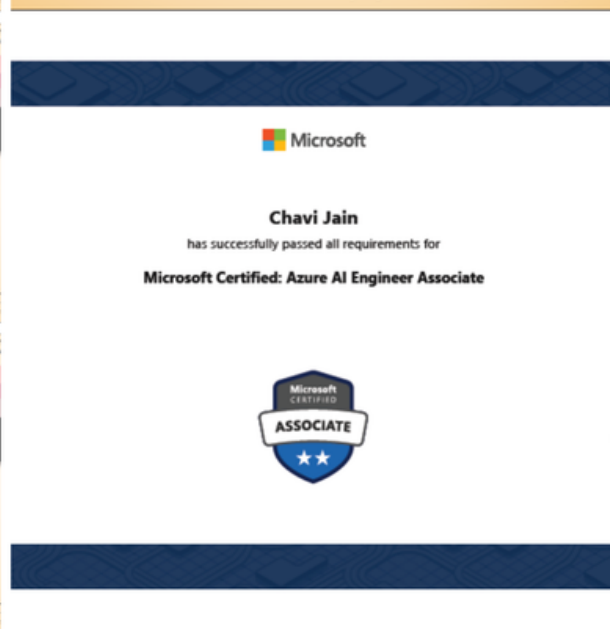
Global Certification:- Azure AI Engineer Associate

S.No.	Name of Student	Roll No.
1	Chavi Jain	22ESKCX022
2	Nawel Asgar	22ESKCA078
3	Pronay Bhounick	22ESKCA097
4	Vansh Tuteja	22ESKCX120
5	Vaibhav Chhipa	22ESKCS826
6	Dhruv Mittal	21ESKCS071
7	Aryan Dadhich	22ESKCS041

STUDENT CORNER

Global Certification:- Certified SOC Analyst

S.No.	Name of Student	Roll No.
1	Khushi Gehlot	23ESKCX052
2	Dharmendra Singh Shekh	23ESKCS207
3	Harshit Chhipa	23ESKCS209
4	Dhruv Kumar Gupta	22ESKCS075



STUDENT CORNER

GLIMPSES OF WORKSHOP AND INDUSTRIAL VISIT



The Department of Computer Science & Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, successfully concluded its one-week student workshop on “Applied NLP: From Text Processing to Transformers,” held from 25-29 August 2025. The workshop commenced with a Welcome Address by Dr. Mehul Mahrishi, Head of the Department of CSE. Dr. Niketa Sharma, Associate Professor, presented the workshop report, outlining key sessions, hands-on activities, and advanced NLP topics. Students shared their feedback, highlighting enhanced understanding of NLP and its practical applications. Guest speakers Mahima Gupta, Data Scientist at Target, Bangalore, and Nishant Gupta, Senior Data Scientist at EXL, Gurgaon, praised the participants for their enthusiasm. The event concluded with a Vote of Thanks by Nidhi Srivastava, Coordinator-AI. Organizers included Dr. Niketa Sharma, Shanu Tripathi, and Rajesh Rajaan. Throughout the week, students participated in interactive sessions and practical assignments that bridged theoretical knowledge with industry-relevant applications. A total of 86 students of 5th Semester CSE (AI) registered for the workshop, making it a significant academic initiative.



An industrial visit was successfully organized from 5th to 7th August 2025 for the 3rd Semester CS(DS) – A Section and IT students to the Bhamashah State Data Centre (BSDC) and Bhamashah Techno Hub (BTH), Jaipur. The visit was coordinated by Dr. Archika Jain and Mr. Naveen Jain, with the support of faculty members Ms. Abha Jain, Mr. Shivank Lavania, and Ms. Priyanka Sharma. This visit proved to be a highly informative and enriching experience, offering students firsthand exposure to advanced data center operations and technological innovation hubs, thereby bridging the gap between academic learning and real-world applications.

STUDENT CORNER

NPTEL TOPPERS

1. Suzane Khan (Roll 21ESKCA108) - Big Data Computing
2. Simran Udhan (Roll 21ESKCX052) - Data Science
3. Simran Udhan (Roll 21ESKCX052) - Fundamental Algorithms: Design and Analysis
4. Avani Shrimali (Roll 23ESKCA025) - Speaking Effectively
5. Tarushi Sharma (Roll 23ESKCA114) - Soft Skills
6. Daksh Dashora (Roll 23ESKCS056) - Digital Circuits
7. Disha Toshniwal (Roll 23ESKCS071) - Fundamentals of Object Oriented Programming
8. Jahanvi Sharma (Roll 23ESKCS100) - Object Oriented Programming
9. Janvi Gupta (Roll 23ESKCS103) - Learning English in Hindi
10. Katyayini Sharma (Roll 23ESKCS115) - Learning English in Hindi
11. Khushi Mathur (Roll 23ESKCS121) - Learning English in Hindi
12. Ayushi Khandal (Roll 21ESKCS050) - Problem Solving Through Programming in C
13. Khushi Mathur (Roll 23ESKCS121) - Enhancing Soft Skills and Personality
14. Mohit Prajapat (Roll 23ESKCS146) - Discrete Mathematics
15. Yashwasi Sharma (Roll 23ESKCX126) - Soft Skill Development
16. Krishna Awasthi (Roll 23ESKCY024) - Programming in Java
17. Mohd Nasir Ahmed (Roll 23ESKCY031)- Programming in Java
18. Bharg Mahajan (Roll 21ESKCS054) - Soft Skills
19. Kartik Singh Bisht (Roll 21ESKCS108) - Problem Solving Through Programming in C
20. Shaili Bansal (Roll 21ESKCS809) - Soft Skill Development
21. Vartika Garg (Roll 21ESKCS842) - Human Behaviour
22. Bhagyansh Garg (Roll 21ESKCX010) - Soft Skill Development
23. Bhagyansh Garg (Roll 21ESKCX010) - Problem Solving Through Programming in C
24. Dhruv Pathak (Roll 21ESKCX017) - Soft Skills

STUDENT CORNER

OUTREACH ACTIVITIES

The Department of Computer Science and Engineering and COE (IoT) proudly announces that its team has won the first prize of ₹75,000 in a recent innovation competition. The team worked on a railway department problem statement, developing an IoT-based solution that was recognized for its innovation, real-world impact, and scalability.

Student Innovators:

- Mr. Tanmay Vyas, CSE, 3rd Year
- Ms. Charu Vaishnav, CSE (DS), 3rd Year

Faculty Mentors:

- Mr. Dinesh Kumar, Assistant Professor, CSE
- Dr. Nilam Choudhary, Associate Professor, CSE

This achievement highlights the department's commitment to fostering innovation and research, while showcasing the talent and dedication of its students and faculty. The team now aims to refine their prototype into a commercially viable solution and explore opportunities for real-world deployment



Joining IEEE opens doors to global opportunities and exposure. At SKIT Jaipur, three of our teams recently became finalists at the prestigious IEEE YESIST12 Grand Finale in Malaysia, competing with participants from 30+ countries. IEEE membership helps students gain international recognition, build networks with experts, and showcase their talent on a global platform. It's not just about learning— it's about innovation, collaboration, and growth that prepares you for real-world challenges.

Rohit Thanvi, a student of 5th Semester, Computer Science and Engineering (DS), has been selected as a Project Intern at the prestigious Satish Dhawan Space Centre (SDSC), ISRO. This remarkable opportunity allows him to gain hands-on experience in one of the nation's premier space research institutions, contributing to cutting-edge projects while enhancing his technical expertise and research skills. His achievement stands as a proud moment for the department and serves as an inspiration for his peers.

STUDENT CORNER

OUTREACH ACTIVITIES

We are proud to share that a group of our talented students successfully completed a 15-day internship at the Indian Institute of Technology (IIT) Guwahati, one of the country's premier institutions of higher learning and research. The students who took part in this program were:

- Yashneel Singh, 2nd Year, Computer Science and Engineering
- Avani Choudhary, 2nd Year, Electrical Engineering
- Aashi Goyal, 2nd Year, Computer Science and Engineering
- Jagrati Pareek, 4th Year, Information Technology
- Komal Suthar, 2nd Year, Electronics and Communication Engineering
- Ansh Jain, 4th Year, Information Technology

This internship gave them valuable exposure to advanced academic and research practices at IIT Guwahati, while also strengthening their technical knowledge and problem-solving abilities. Their accomplishment brought pride to the institution and served as a source of inspiration for their peers.



Jagrati Pareek has been offered a prestigious Ph.D. opportunity at IIT Guwahati, a testament to her exceptional performance during her internship under IEEE initiatives. Her dedication, innovative approach, and consistent efforts throughout the program set her apart, earning her recognition from mentors and peers alike. This remarkable achievement highlights not only her academic brilliance but also her commitment to research and excellence in her field, inspiring others to aim higher and make the most of such opportunities.

Our students continued to excel by securing prestigious opportunities that enriched both their professional networks and practical experiences. In networking opportunities and leadership role, Harun Gazi served as IEEE MSIT Student Branch Leader, IEEE Region 10 SAC Volunteer, IEEE BDC SBC Secretary, and IEEE BDC SCT Chairperson, while Sanskar Chaturvedi contributed significantly as an IEEE MSIT Chairperson and IEEE BDC SCT Delegate. Alongside these achievements, several students also earned internship opportunities at reputed institutions. Ansh Jain and Jagrati Pareek completed their research internships at IIT Guwahati, while Nainika Agarwal enhanced her creative skills as a Graphic Designer Intern at Ozone Space. These accomplishments reflect the dedication, hard work, and commitment of our students towards continuous growth and professional development.

STUDENT CORNER

FEATURED STUDENTS

Parishi Thada, a student of the 7th semester of Computer Science and Engineering, has been selected as a software engineering intern at Google. This prestigious opportunity will provide her with global exposure, advanced technical learning, and the chance to collaborate on impactful projects at Google. Her selection is a testament to her dedication, skills, and consistent hard work, and it brings immense pride to the department while motivating fellow students to aim high in their professional journeys.



We are delighted to announce that Riya Agarwal has secured a DB Internship at Deutsche Bank, with a stipend of ₹75,000. This opportunity will allow her to gain valuable exposure to the dynamic world of global banking and finance, while sharpening her technical and analytical skills in a professional setting.

In addition to this milestone, she has also been sponsored by Coplur to travel to Dubai to attend GITEX Global 2025, scheduled from 13th October to 17th October, 2025. GITEX is one of the world's most influential technology events, bringing together innovators, industry leaders, and groundbreaking advancements from across the globe.

These dual achievements highlight her dedication, talent, and pursuit of excellence, and they serve as an inspiration for her peers to aspire toward both national and international opportunities.

FACULTY CORNER

WORLD TOP 2% SCIENTIST AWARD

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, proudly announces a moment of great academic distinction. Two of its eminent faculty members from the Department of Computer Science and Engineering – Dr. Pankaj Dadheech and Ms. Priyanka Sharma – have been recognized among the World's Top 2% Scientists.

This recognition has been conferred by a leading global scientific evaluation platform that assesses the research performance of scholars across diverse disciplines. The evaluation considers various critical parameters such as research output, citation impact, international collaborations, and contribution to emerging areas of science and technology. Securing a place in this list is a testimony to the sustained research excellence, innovation, and scholarly influence demonstrated by both faculty members. Academic and Research Contributions.



Dadheech, Pankaj
Swami Keshvanand Institute of Technology Management & Gramothan 

Rank: 144968

- Main Field: Information & Communication Technologies
- Sub Field: Artificial Intelligence & Image Processing
- Rank in the SubField: 5552.0
- H-index: 24, Hm-index: 7

Top 2% Listed Year(s): 2025,
"Single Year" Data



The data is verified and sourced from **ELSEVIER** and **Stanford University's** Top 2% Scientists list.



www.TopSciNet.com



Sharma, Priyanka
Swami Keshvanand Institute of Technology Management & Gramothan 

Rank: 64594

- Main Field: Information & Communication Technologies
- Sub Field: Artificial Intelligence & Image Processing
- Rank in the SubField: 2803.0
- H-index: 14, Hm-index: 5

Top 2% Listed Year(s): 2025,
"Single Year" Data



The data is verified and sourced from **ELSEVIER** and **Stanford University's** Top 2% Scientists list.



FACULTY CORNER

RESEARCH PUBLICATION

- **Archika Jain, Pankaj Dadheech** – IJIRT – "Exploring Load Balancing in Cloud Computing"
- **Barkha Jain** – SKIT Research Journal – "Balancing Act: Maximizing Organizational Performance through Socio Technical Integration"
- **Loveleen Kumar, Rajesh Rajaan, Nilam Choudhary, Aakriti Sharma, Harpreet Singh Gill** – IJEEC – "Advancements in the Classification of Diabetes Mellitus: A Systematic Review of Contemporary Approaches and Emerging Paradigms"
- **Mahender Kumar Beniwal** – SKIT Research Journal – "Web Analytics for Conversion Rate Optimization: Analyzing User Behavior to Improve Website Performance"
- **Mani Butwall** – COMPUSOFT – "Designing Sustainable Data Centers for Green Computing"
- **Manish Bhardwaj** – IJEREAS – "Beyond the Single Post Unraveling Sentiment in Social Conversations"
- **Manish Bhardwaj, Sumit Kumar** – IJEREAS – "6G Technology: The Next Frontier in Wireless Communication"
- **Manish Bhardwaj, Sumit Kumar** – SKIT Research Journal – "Classification and Analysis of Medicinal Plants Using Deep Learning - A Review"
- **Meenakshi Nawal** – JETIR – "Exploring Intrusion Detection Strategies for Ad Hoc Networks: A Comprehensive Review"
- **Meenakshi Nawal** – SKIT Research Journal – "A Diabetic Blood Glucose Prediction Using Machine Learning models & Business Intelligence"
- **Meenakshi Nawal** – SKIT Research Journal – "Challenges and Limitations of IDS: A Comprehensive Assessment and Future Perspectives"
- **Meenakshi Nawal** – Knowledge and Information Systems – "Enhancing cybersecurity using optimized anti-interference dynamic integral neural network-based intrusion detection system"

FACULTY CORNER

RESEARCH PUBLICATIONS

- **Mehul Mahrishi** – Discover Sustainability – "A systematic Literature Review of the Global Trends of Outcome-Based Education (OBE) in Higher Education With an SDG Perspective Related to Engineering Education"
- **Nidhi Srivastav** – SKIT Research Journal – "Identification of Glaucoma from Fundus Images Using Deep Learning Techniques – A literature Review"
- **Pankaj Dadheech** – Bio-Algorithms and Med-Systems – "Optimizing Breast Cancer Prognosis with Machine Learning for Enhanced Clinical Decision-Making"
- **Pankaj Dadheech** – Cognitive Neurodynamics – "ECn-MultiBSTM: Multiclass Epileptic Seizure Classification Using Electro Cetacean Optimized Bidirectional Long Short-Term Memory Model"
- **Pankaj Dadheech** – International Journal of Intelligent Engineering and Systems – "Harris Hawks-Optimized Audio, Structural, and Video Feature Fusion for Multimodal Video Classification Using LSTM-RF Framework"
- **Pankaj Dadheech** – Journal of Discrete Mathematical Sciences and Cryptography – "Discrete Mathematics for Strengthening Multivariate Polynomial Cryptography by Addressing Vulnerabilities"
- **Pankaj Dadheech** – Journal of Discrete Mathematical Sciences and Cryptography – "Lucky Edge Geometric Mean Labeling of Graphs and Applications in Electrical Networks"
- **Pankaj Dadheech** – Journal of Discrete Mathematical Sciences and Cryptography – "Leveraging Blockchain Technology to Combat Deception, Deepfake, and Counterfeit System"
- **Pankaj Dadheech** – Journal of Discrete Mathematical Sciences and Cryptography – "Enhancing Cryptographic Robustness Through Error-Correcting Codes Derived From Network Graphs"
- **Pankaj Dadheech** – Journal of Discrete Mathematical Sciences and Cryptography – "Enhanced Network Security Through Algebraic Cryptanalysis of Elliptic Curve Cryptography"
- **Pankaj Dadheech** – Journal of Information Systems Engineering and Management – "Enhanced Land Cover Classification by Integrating Multispectral Satellite Imagery and Machine Learning Techniques"
- **Pankaj Dadheech** – Journal of Interdisciplinary Mathematics – "Fractal Image Compression Using Digital Cone Metric Space"
- **Pankaj Dadheech** – Journal of Interdisciplinary Mathematics – "Graph Theory Based Mathematical Methods for Improved Explainable AI"

FACULTY CORNER

RESEARCH PUBLICATIONS

- **Pankaj Dadheech** – Journal of Interdisciplinary Mathematics – "Mathematics Driven Methods With Fractional Calculus and Topological Data Analysis in Image Segmentation"
- **Pankaj Dadheech** – Journal of Interdisciplinary Mathematics – "Wireless Sensor Networks With Modular Metric Spaces"
- **Pankaj Dadheech** – Multimedia Tools and Applications – "Differentially Processed Optimized Collaborative Rich Text Editor"
- **Pankaj Dadheech** – Panamerican Mathematical Journal – "Dynamic Feature-Based Detection of Malware in Non-Executable Files Using a 1D Convolutional Neural Network"
- **Pankaj Dadheech** – Panamerican Mathematical Journal – "Face Identification Based on Different Convolutional Neural Network Models for Security System: A Review"
- **Pankaj Dadheech** – The Indian Journal of Technical Education (IJTE) – "Predictive Lead Scoring for Sales and Marketing Alignment: Using Machine Learning to Prioritize Leads"
- **Priyanka Sharma** – SKIT Research Journal – "An Intensive Approach to Reduce Range Anxiety of Electric Vehicle by Calibrating Weight Factor"
- **Priyanka Sharma** – SKIT Research Journal – "Arduino Based Integrated Connectivity Helmet"
- **Priyanka Sharma** – SKIT Research Journal – "AI Enabled 2D Arcade Style Racing Game"
- **Rajesh Rajaan, Loveleen Kumar, Kailash Soni, Mani Butwall** – International Journal Of Electrical, Electronics And Computers (IJEEC) – "Anomaly Detection in Medical Images Using SMOTE Algorithm: A Comprehensive Approach"
- **Rajesh Rajaan, Loveleen Kumar, Nilam Choudhary, Aakriti Sharma, Harpreet Singh Gill, Kailash Soni, Mani Butwall** – IJSREM – "NGC 6826- Integrated Study of the Planetary Nebula and Central Star Properties"
- **Rajesh Rajaan, Loveleen Kumar, Nilam Choudhary, Aakriti Sharma, Mani Butwall** – IJEBM – "Anomaly Detection in Smart Home IoT Systems Using Machine Learning Approaches"
- **Shanu Tripathi** – Plasmonics – "Performance Analysis of Graphene Metamaterial Absorber for Terahertz Regime"

FACULTY CORNER

RESEARCH PUBLICATIONS

- **Sohan Lal Gupta, Vikram Khandelwal** – International Journal of Broadband Cellular Communication – "Enhancing Network Alarm Handling Efficiency: An Improved Apriori Algorithm with FCM Approach"
- **Sohan Lal Gupta** – Journal of Intelligent Decision Technologies and Applications – "A Quality Assurance Framework for a Cross-Industry Standard Process Model in Data Mining Application Development"
- **Sohan Lal Gupta** – South Eastern European Journal of Public Health – "Analyzing the Efficacy of K-Means Clustering and Logistic Regression For Diabetes Prediction"
- **Sumit Kumar, Manish Bhardwaj, Richa Rawal** – SKIT Research Journal – "Empowering Business Intelligence With Power BI : A Case Study on Insight Inc."
- **Sunil Dhankhar** – Journal of Emerging Technologies and Innovative Research – "Exploring Intrusion Detection Strategies for Ad Hoc Networks: A Comprehensive Review"
- **Sunil Dhankhar** – SKIT Research Journal – "Web Analytics for Conversion Rate Optimization: Analyzing User Behavior to Improve Website Performance"
- **Vikram Khandelwal** – International Journal of Solid State Innovations & Research – "Advancements in K-Means Clustering: Boosting Algorithm Performance through Innovations"
- **Vikram Khandelwal** – Journal of Intelligent Decision Technologies and Applications – "A Quality Assurance Framework for a Cross-Industry Standard Process Model in Data Mining Application Development"
- **Vikram Khandelwal** – South Eastern European Journal of Public Health – "Analyzing the Efficacy of K-Means Clustering and Logistic Regression For Diabetes Prediction"

FACULTY CORNER

M.TECH AND PHD. GUIDED

Faculty Name	Name of the student Guided	Program of Student	Title of the Dissertation
Dr. Meenakshi Nawal	Medha Khenwar	M.Tech	A DEEP LEARNING BASED INTRUSION SYSTEM: LEVERAGING PREVENTION & PREDICTION FOR ENHANCED INTRUDER SECURITY
Nidhi Srivastav	Sandeep Singh	M.Tech	IDENTIFICATION OF GLAUCOMA FROM FUNDUS IMAGES USING DEEP LEARNING TECHNIQUES
Dr. Meenakshi Nawal	BABITA KUMARI	M.Tech	CROP RECOMMENDATION BASED ON SOIL AND NATURE USING MACHINE LEARNING
Dr. Nilam	Tarun Kumar Agrawal	Ph.D	AN EFFECTIVE ENSEMBLE MODEL FOR IMPROVING CHRONIC DISEASE FORECASTING THROUGH EXPLOITATION OF MACHINE LEARNING PROCEDURES
Dr. Nilam	Vipin Jain	Ph.D	SECURITY ANALYSIS OF DOCKER CONTAINER USING CLOUD ANALYTICS
Dr. Nilam	Ankesh Gupta	Ph.D	AN EFFECTUAL NETWORK ATTACK PREDICTION MODEL USING MACHINE LEARNING PROCEDURES

FACULTY CORNER

STC AND MOOCS CERTIFICATIONS

Name of Faculty Member	Type of Course	Name of the Course	Offering Agency / Organizer	Certificate Type
Mehul Mahrishi	Short Term Course	Data Analytics and Public Policy Fellowship	International Institute of SDGs & Public Policy Research	Successfully Completed
Priyanka Sharma	MOOC	Educational Leadership	NPTEL	Gold
Shanu Tripathi	MOOC	Microelectronics: Devices to Circuits	NPTEL	Silver
Nidhi Srivastav	MOOC	Work System Design	NPTEL	Silver
Mani Butwall	MOOC	Data Structure and Algorithms using Java	NPTEL	Elite
Mani Butwall	MOOC	Programming, Data Structures and Algorithms using Python	NPTEL	Successfully Completed
Manish Bhardwaj	MOOC	Operating System Fundamentals	NPTEL	Elite
Manish Bhardwaj	MOOC	Cloud Computing	NPTEL	Elite
Sumit Kumar	MOOC	CLOUD COMPUTING	NPTEL	Elite
Rajesh Kumar	MOOC	Problem Solving Through Programming In C	NPTEL	Elite
Rajesh Kumar	MOOC	Outcome Based Pedagogic Principles for Effective Teaching	NPTEL	Elite
Neha Mathur	MOOC	PHP & MySQL	Spoken Tutorial	Successfully Completed
Mahender Kumar Beniwal	Short Term Course	Alumni Leadership Program	VAAVE	Successfully Completed
Shanu Tripathi	Short Term Course	Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System	ISRO	Successfully Completed
Dr. Nilam	MOOC	Introduction to Internet of Things	NPTEL	Silver
Rajesh Kumar	MOOC	Outcome based pedagogic principles for effective teaching	Swayam	Elite
Abha Jain	MOOC	Data Structure and Algorithms using Java	NPTEL	Elite
Abha Jain	Short Term Course	Data Structure and Algorithms using Java	NPTEL	Successfully Completed

Glimpses of Events



Glimpses of Events





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