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SYMBIVATION

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# LEADERSHIP

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# INDEX



<b>01</b>	<b>LEADERSHIP</b>	<b>17</b>	<b>ENTREPRENEURSHIP CELL</b>
<b>03</b>	<b>FROM THE DIRECTOR'S DESK</b>	<b>19</b>	<b>SRC ACTIVITIES</b>
<b>04</b>	<b>REPUBLIC DAY</b>	<b>27</b>	<b>RESEARCH PUBLICATION</b>
<b>05</b>	<b>ACADEMIC ACTIVITIES</b>	<b>33</b>	<b>FACULTY ENSEMBLE</b>
<b>09</b>	<b>INDUSTRY VISIT</b>	<b>34</b>	<b>STUDENT COHORT</b>
<b>10</b>	<b>GLOBAL IMMERSION PROGRAM</b>	<b>35</b>	<b>FACULTY ACHIVEMENTS</b>
<b>11</b>	<b>MOU</b>	<b>39</b>	<b>STUDENTS ACHIEVEMENT</b>
<b>12</b>	<b>ENTHUSIA</b>	<b>41</b>	<b>STUDENTS CORNER</b>

# From The Director's Desk



**Dr. Nitin Rakesh**

With immense pride and enthusiasm, I welcome you to the 6th edition of our magazine, SymbiVation. This issue is a reflection of the collective efforts, accomplishments, and inspiring stories of our students, faculty, and staff from January 2025 to March 2025. It embodies the vibrant spirit of SIT, where innovation, dedication, and passion drive us forward.

At SIT, our mission extends beyond academic excellence; we nurture a mind-set that embraces challenges, fosters critical thinking, and fuels innovation. We strive to develop well-rounded individuals who are not just prepared for the future but are also capable of shaping it. As we step into this new season, I take this opportunity to extend my warm wishes for Holi—a festival that symbolizes the triumph of good over evil, unity, and the joy of colors. Just like Holi brings people together in celebration, SIT continues to be a place where diverse ideas and aspirations come together to create a vibrant learning environment. I also take great pride in sharing that SIT has joined the AWS India Skills to Jobs Tech Alliance, reinforcing our commitment to equipping students with industry-relevant skills. Additionally, SIT successfully organized a five-day Faculty Development Program (FDP) on “Outcome-Based Education and Accreditation,” fostering academic excellence. Another highlight was the Induction Publicity Exhibition Vehicle (IPEV) Road Drive, successfully hosted at SIT Nagpur by the Air Force, inspiring students with insights into defense careers.

Adding to our list of celebrations, SIT witnessed the grand success of Enthusia 4.0, our flagship cultural and technical extravaganza events like hackathon name SITNOVATE, codesprint, SITANK. This edition brought together students from various disciplines to showcase their talents, athleticism, and team spirit. The event was a remarkable display of energy, passion, and creativity, fostering camaraderie and holistic development among participants. As you explore this edition of SymbiVation, I hope you find inspiration in the remarkable journeys and milestones captured within its pages. Let this be a reminder that possibilities are endless, and every challenge presents a new opportunity for growth.

Welcome to the SIT family, where enthusiasm fuels ambition, and the journey is just as rewarding as the destination.

Wishing you a joyous and colourful Holi!

# REPUBLIC DAY



On the proud occasion of 26<sup>th</sup> January 2025, SIU Nagpur Campus united in a grand celebration of our Republic, filled with unmatched enthusiasm and patriotism! With vibrant dances, soul-stirring music, and heartfelt tributes, we honored the timeless values that make our country strong and united.

The tricolor fluttered high, representing our unwavering love and respect for India, while every beat of the drum and every cheer of "Vande Mataram" echoed the pride and joy we all feel for our nation. The celebration not only brought us together but reminded us of the power of unity and national spirit.

## “जय हिंद”



# Academic Activities

## Session on Green AI

This event was organised in collaboration with Edunet Foundation, for students of Batch 2022-26. This hands-on training program in AI and Green technologies is designed to equip students with critical, industry-relevant skills essential for future careers.



## Session on Probability and Statistics: The Backbone of Data Science

This session was graced by Dr. Darshan Kumar Beniwal, Assistant Researcher, Institute for Gravitational Wave Astronomy, Henan Academy of Science, Zhengzhou, China, as an International Expert. He has visited our institute for collaboration in his research areas of Data Science and Machine learning in relativistic cosmology.



## Session on Cyber Security

The Cyber Security Training Program provided Semester IV students with hands-on learning in key cybersecurity areas. Led by Mr. Jatin Sethi, Senior Compliance Engineer at Propio Language Services (USA), the five-day session covered Ethical Hacking, Cryptography, Network Security, and more. With a mix of theory, case studies, and practical exercises, students gained insights into industry-leading security frameworks and prepared for certifications like CEH and Security+. The event successfully enhanced participants' technical expertise and career readiness in cybersecurity.



## Faculty Development Program



Five-day Faculty Development Program (FDP) on "Outcome-Based Education and Accreditation" was organized from March 3<sup>rd</sup> to 7<sup>th</sup>, 2025, in collaboration with STLRC, SIU, and NITTTR, Chandigarh. The FDP had 48 participants from SIT Nagpur and other SIU institutions. The program aimed to enhance faculty understanding of Outcome-Based Education (OBE) and Accreditation practices aligned with NEP 2020.

Sessions were led by eminent experts Dr. Meenakshi Sood, Dr. Sandeep Singh Gill, Dr. Ritula Thakur, and Dr. Pankaj Sharma from NITTTR, Chandigarh. Topics covered included Course Outcomes (COs), Program Outcomes (POs), NBA accreditation processes, assessment techniques, IDP, and ICT tools in academia. Hands-on workshops focused on framing COs using Bloom's Taxonomy, mapping learning outcomes, and designing evaluation strategies.

Additionally, the FDP addressed research ethics, including authorship practices, data management, and academic integrity. The event equipped participants with skills to enhance teaching methodologies, maintain ethical research practices, and align academic processes with accreditation standards.



# Academic Activities

## Cyber Security and Traffic Awareness



## The Indian Air Force (IAF)



An insightful awareness session on Cyber Security & Traffic Awareness. Shri. Archit Chandak, DCP Traffic, emphasized road safety, responsible driving, and cybersecurity challenges. Students were encouraged to contribute to traffic management research and tech-driven solutions for urban development. Mr. Atul Agarkar shared key insights on cyber threats. The session concluded with an engaging Q&A, fostering discussions on smart city initiatives, innovation, and safety. Dr. Nitin Rakesh extended thanks to Dr. Ravinder Kumar Singal for his support for making this event successful.



Induction Publicity Exhibition Vehicle (IPEV) Road Drive was successfully hosted on 25<sup>th</sup> February. Esteemed IAF officers, Wg Cdr. R. N. Kaushik, Wg Cdr. Ashish Chandan, and Sgn. Ldr. Nikunj Patel, inspired students with career insights and experiences. The event featured motivational talks, flight simulators, AI-driven defense technology, career guidance on NDA & AFCAT, and an exhibition of fighter jets and missile systems. This initiative strengthened the bridge between academia and national service, motivating students toward careers in defense.

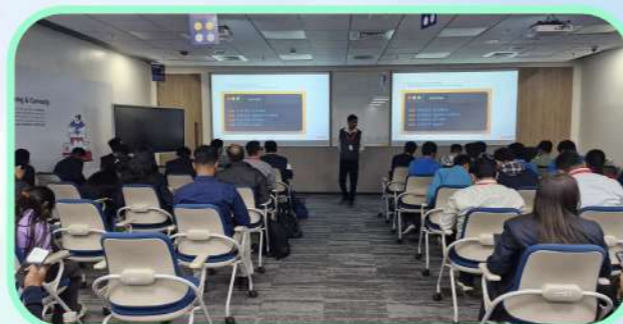


# INDUSTRY VISIT

## InfoCepts



The visit of Infocepts in Mihan, Nagpur, on 7<sup>th</sup> February 2025. During the visit, Mr. Shrikant Pillare, the Assistant Vice President of Infocept, Nagpur, provided an overview of the company's operational processes. He also shared valuable insights into the data and AI industry. The students actively participated in a question-and-answer session, where they posed queries related to the field. Following this, the students were treated to a guided tour of Infocepts facilities.



The students from II year attended the AI Developer Workshop by NASSCOM AI at InfoCepts, Nagpur. The workshop covered AI types, industry applications, and hands-on sessions with tools like phidata, qdrant-client, and streamlit. A deep dive into LLaMA 3.2 and an interactive session on AI's impact enriched our learning. The Q&A session provided insights into future AI trends. Efficient transportation and well-organized logistics made the experience seamless. Overall, it was a valuable opportunity to explore AI applications and enhance practical skills.

# The Global Immersion Program



SIT Nagpur students Jay Nisha Agrawal and Soumya P Shivankar from Semester VI, B.Tech Computer Science and Engineering (Batch 2022–2026), participated in the Global Immersion Program at Symbiosis International University (SIU), Dubai, from 6<sup>th</sup> January 2025 to 25<sup>th</sup> January 2025.

During this program, the students earned 8 credits from SIU Dubai, which got mapped to some of the internal courses at SIT Nagpur.

The program was one of the best experiences for the students in their academic journey! From insightful lectures and industry visits to exploring the vibrant culture of Dubai, every moment was enriching. They gained global exposure, made wonderful memories, and truly enjoyed learning in an international environment.

# MOU



An MoU has been signed between SIT, Nagpur and Incubein Foundation, Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU), Nagpur on 20<sup>th</sup> Feb, 2025 for two years. The collaboration between pre-incubation center at SIT, Nagpur and incubation foundation, RTMNU, Nagpur incubation center serves several key purposes: Facilitate a smooth transition for startups from the early idea stage in pre-incubation to more advanced development in incubation, ensuring continuous support throughout their entrepreneurial journey. In addition to that other key points are Holistic Development, Resource Optimization, Enhanced Mentorship Opportunities, Broader Networking and Market Access, Joint Program Development, Strengthened Ecosystem and Increased Funding Opportunities.



An MoU has been signed between SIU, Nagpur Campus and The IndUS Entrepreneurs, Nagpur on 20<sup>th</sup> Feb, 2025. This MoU is for spreading the entrepreneurship spirit in the campus and for Mentor Connect, organization of workshops, seminars, startup competitions, networking with top Entrepreneurs etc. Under the TiE U Program, TiE Nagpur will conduct Guru Sessions for students, imparting the fundamentals of entrepreneurship. These sessions will be complemented by year-long structured education and mentoring, ensuring that participants receive comprehensive support throughout their startup journey. Through hands-on mentorship, startup competitions, and investor connections, participants will have the unique opportunity to shape the next big trend in the entrepreneurial world.



# DAY



The Grand Opening Ceremony has been conducted on 19 Feb 2025. The distinguished guests- Mr. Nitin Sachdeva, President, delaplex, Mr. Partha Maitra, Resident Editor, The Times of India, Nagpur and Mr. Akash Singh, Vice President, Product Strategy and Growth, Pragmatyc graced the occasion. The event was divided into two major segments: Technical Events and the Cultural Events. Each segment displayed the skills and knowledge of students.

# ONE

CodeSprint—the event where 80 coders from 26 teams gathered to prove that they could out-algorithm, out-pseudocode, and out-think each other in a high-stakes battle of wits. Because nothing says “fun” like spending hours staring at a screen, trying to solve problems that make your brain feel like it’s been put through a blender. Teams from various institutions rolled in, armed with laptops, and the kind of overconfidence that only comes from surviving one too many all-nighters. The challenges? Oh, they were delightful. Think algorithmic puzzles so twisted they’d make a Rubik’s Cube cry. Each round was designed to separate the coding prodigies from the mere mortals. By the final round, the competition had whittled down to the most resilient (or caffeine-addicted) coders. The remaining teams battled it out in a showdown of logic, speed, and the ability to debug under pressure.



# CODE SPRINT

# SQUID GAME CHALLENGE

Ah, Squid Game—Netflix’s not-so-subtle critique of capitalism, where survival hinges on childhood games turned deadly. Move over Korea, because SIT Nagpur decided to bring this dystopian nightmare to life, courtesy of the literary club. What better way to foster a love for literature than by hosting a cutthroat competition that mirrors the soul-crushing grind of modern society? The event kicked off with all the subtlety of a train horn, as participants were thrown into a series of four rounds, each designed to weed out the weak and reward the cunning. By the end of it all, only the volunteers stood victorious, not as participants but as the puppet masters of this chaotic spectacle.



# DAY



# CELL



# TWO

SITNovate—the 24-hour hackathon where sleep is optional and caffeine is mandatory. Picture this: 150 sleep-deprived students, armed with laptops, energy drinks, and a questionable amount of confidence, gathered in one room to “innovate” their way to glory. Industry experts roamed the room, nodding sagely at some projects and probably questioning their life choices at others. The event was technically sponsored by the IEEE Bombay Section. When the dust finally settled, the judges evaluated the projects with the kind of gravitas usually reserved for Nobel Prize committees. By the end, everyone learned one valuable lesson: never trust a teammate who says, “I’ll handle the backend”. Special congratulations to Team Hackhorizon from Suryodaya College of Engineering & Tech for securing first place.

# SITNOVATE



# SITANK



The startup fest where dreams were pitched, buzzwords were thrown around like confetti, and 30 hopeful entrepreneurs tried to convince a room full of investors that their idea was the next big thing, SITank. The event kicked off with the kind of electric buzz you’d expect at a tech conference where everyone’s trying way too hard to look casual. The air was thick with ambition, the faint hum of MacBook fans, and the occasional nervous laugh from someone rehearsing their pitch in the corner. The winners walked away with funding, mentorship, and the kind of validation that makes all those sleepless nights feel worth it. The losers? Well, they got a participation certificate and the lingering suspicion that maybe their idea wasn’t quite as revolutionary as they thought.



Music met moves, fashion met flair, and the audience met their daily cardio quota from all the cheering. Nothing says "celebrating culture" like belting out high notes, perfecting dance moves that make gravity question itself, and strutting down a ramp like you own the world. Just when everyone thought they'd seen it all, in came RJ Nisha—armed with a mic and a mission: to roast, toast, and absolutely demolish any remaining dignity in the room. Her comedy routine had students howling and professors rethinking their life choices. Then came the grand finale—the awards ceremony, where the best of the best were crowned champions of the night. Trophies were handed out, proud winners grinned for photos, and the runners-up pretended to be happy for them. And with that, CultureFest wrapped up in style—laughter, applause, and just enough drama to make everyone count down to next year's showdown.



# DIKSHANT



Forget thumping bass; we're talking about Dikshant, folks. He's not just playing songs; he's weaving sonic tapestries that'll tug at your heartstrings. He's the kind of artist who can make a room full of people feel like they're having a private concert. This isn't just a guy with a guitar; this is an artist who turns every song into a story, every lyric into an experience. This isn't just a performance; it's a full-blown emotional experience.

## FASHION DANCE SINGING COMEDY



# CONCERT NIGHT



# THE CULTURAL FEST

DJ Vaibhav. This dude? He's not just pressing buttons; he's conducting an audio symphony that'll make your feet move before you even realize it. Forget your usual playlist; this is a full-blown sonic assault of his signature beats. He doesn't just play music; he controls the vibe, turning every drop into a collective adrenaline rush. So get ready—because when DJ Vaibhav takes over, the night doesn't just start; it explodes.



# DJ VAIBHAV

# Entrepreneurship Cell



Student Entrepreneurs of SIT, Nagpur's meeting with Shark Tank fame Mr. Parimal Kalikar Founder, Licksters

Motivational speaker Mr. Nikhil Chandwani, Owner, Santerra Industries as a Chief Guest on the eve of National Startup Day.



Session on Design Thinking by Mr. Rajesh Pugalia, Founder and CEO, Fence-Master



E-Cell Team participated at E-Summit 2025, IIIT, Nagpur



Pitch deck Competition Guest Mr. Chirag Pugalia, Founder, Matar Media



E-Cell Team participated at E-Summit, IIT, Mumbai



Startup Demo Day with Jury Mr. Kartik Sarada, Founder, Evallo



Industry Visit at Santerra Industries, Pellot Factory, Kamptee, Nagpur



# Student Representative Council

## IEEE

### MEMBERSHIP DRIVE



The IEEE Student Branch held a successful IEEE Membership Drive on 6 - 7 January, 2025, showcasing membership benefits, research access, and global networking.

### RESEARCH FOUNDATIONS

Research Foundations: A Beginner's Guide to Writing a Research Paper, organized by the IEEE Student Branch on 30<sup>th</sup> January 2025, empowering first-year students with essential skills for academic research and paper writing. It offered a comprehensive step-by-step guide to structuring a research paper effectively, ensuring clarity and impact.



## Activities

### RESEARCHTHON 2.0

Researchthon 2.0, organized by the IEEE Student Branch on 10<sup>th</sup> January 2025, guided second-year students in transforming their PBL projects into impactful research papers through structured insights and expert guidance.



## ACM

### HIDE & SEEK

The ACM Student Chapter hosted "Hide N Seek" on 13<sup>th</sup> January 2025, blending traditional hide-and-seek with technical problem-solving to enhance teamwork and critical thinking.



# Student Representative Council

## Activities

### CSI

#### AI PEER LEARNING



The "Unleash the Power of AI: Learn, Innovate, Elevate!" workshop, held on 20<sup>th</sup> January 2025, introduced participants to the fundamentals and real-world applications of AI. The event offered hands-on learning with AI tools, fostering innovation and collaboration among students to explore AI-driven solutions.

### SMART TECH

#### IOT BEYOND CONNECTIVITY



The "IoT Beyond Connectivity" event, held on 12<sup>th</sup> February 2025 offered an introduction to IoT, real-world use cases, and hands-on experience with IoT devices, concluding with a Q&A session.



### CLOUD CRAFTERS

#### CLOUD PLAY

The "CloudPlay" workshop, held on 6<sup>th</sup> January 2025, at SIT Nagpur, introduced participants to the fundamentals and advanced concepts of cloud computing, covering platforms like AWS, Azure, and Google Cloud. The event provided hands-on experience and highlighted the growing significance of cloud technologies across industries.



#### SHE: BUILDS



The "SheBuilds: GitHub Commit & Conquer" event, held on 17<sup>th</sup> February 2025, featured Ms. Bhawna Chauhan, GitHub Campus Expert, who highlighted GitHub Copilot's AI capabilities to enhance coding efficiency and integrate it into real-world projects.

# Student Representative Council

## DATA CYCLONE

### NLP PULSE: A GRAPHICAL ODYSSEY



The Data Cyclone Club explored NLP fundamentals, advanced tools, and career opportunities in AI, fostering insights into Conversational AI and Knowledge Graphs.

## CYBER GUARDIAN

### FIRE WALLZ

Fire Wallz 2025 at SIT, Nagpur, organized by the Cyber Guardian Club, showcased cybersecurity excellence through Hack-O-Week 3.17. With interactive sessions, ethical hacking challenges, and hands-on security exercises, the event fostered innovation and digital defense skills.



## Activities

## SPORTS

### SIT RIVAL RUMBLE

The "SIT Rival Rumble," held on 10<sup>th</sup> and 11<sup>th</sup> February 2025, was an exciting sports event that encouraged sportsmanship, teamwork, and physical fitness through games like dodgeball and tug of war, offering a fun and engaging experience for all participants.



## LITERARY CLUB

### MIME IT RIGHT

Mime It Right, a thrilling Dumb Charades game, was held on 3<sup>rd</sup> February 2025 at Symbiosis Institute of Technology, Nagpur, as part of the cultural celebrations. Teams showcased creativity and teamwork, racing against time to guess words through silent gestures. The event was packed with laughter, excitement, and intense competition, making it a crowd favorite.



# Student Representative Council

## SOCIAL CLUB

### WINTER CLOTHES DONATION TO NOMAD CHILDREN



The Social Club of SIU, Nagpur, with Youth for Seva NGO, distributed blankets and warm clothes to the nomadic community, spreading warmth and kindness this winter.



### NATIONAL YOUTH DAY CELEBRATION

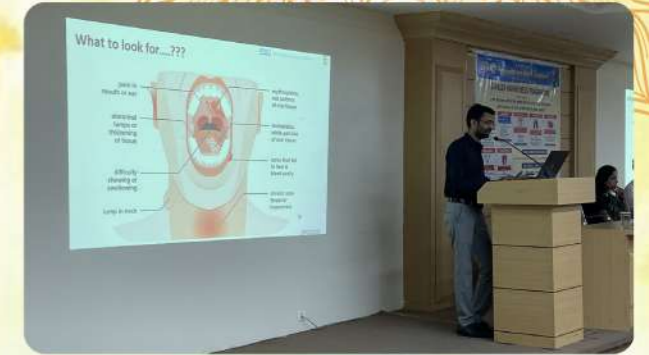
The "Unleash the Power of AI: Learn, Innovate, Elevate!" workshop, held on 20<sup>th</sup> January 2025, introduced participants to the fundamentals and real-world applications of AI. The event offered hands-on learning with AI tools, fostering innovation and collaboration among students to explore AI-driven solutions.



## Activities

### CANCER AWARENESS

The Cancer Awareness event at SIT, Nagpur, organized on 26<sup>th</sup> February 2025 in collaboration with RashtraSant Tukdoji Maharaj Cancer Hospital, educated attendees on cancer risks, prevention, and early detection. Experts shared insights on advancements in treatment, promoting proactive healthcare. Interactive discussions empowered participants with essential knowledge. The event successfully raised awareness and encouraged community engagement.



## ARTS CLUB

### DOODLE MARATHON

The Doodle Marathon, organized by the Arts Club of Symbiosis Institute of Technology, Nagpur, on January 6<sup>th</sup>, 2025, brought together students to showcase their creativity through fun, timed doodling challenges. The event fostered artistic expression, community building, and stress relief, with Chinmay Bele securing first place.



# RESEARCH PUBLICATIONS



**Dr. Nitin Rakesh**

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**Dr. Jasjit S. Suri**



**Dr. Latika Pinjarkar**

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**Dr. Sudhanshu  
Maurya**

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**Dr. Piyush Chauhan**



**Dr. Sagarkumar  
Shridhar Badhiye**

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- Badhiye, S. et. al.. (2024). IoT-integrated door sensor solution for enhancing smart home security. Proceedings - 4th International Conference on Technological Advancements in Computational Sciences, ICTACS 2024, 913-917. 4th International Conference on Technological Advancements in Computational Sciences, ICTACS 2024, Tashkent, November 13-15, 2024.
- Badhiye, S. et. al. (2024). Unveiling voices: Empowering accessibility through YouTube transcripts. Proceedings - 4th International Conference on Technological Advancements in Computational Sciences, ICTACS 2024, 903-907. 4th International Conference on Technological Advancements in Computational Sciences, ICTACS 2024, Tashkent, November 13-15, 2024.
- Badhiye, S. et. al. (2024). Analysis of the best creational design patterns in software development. 2024 8th International Conference on Computing, Communication, Control and Automation, ICCUBEA 2024, 8th IEEE International Conference on Computing, Communication, Control and Automation, ICCUBEA 2024, Pune, August 23-24, 2024.
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# RESEARCH PUBLICATIONS

- Borkar, P. et.al. (2024). Enhancing military training through augmented and virtual reality systems. Proceedings - 4th International Conference on Technological Advancements in Computational Sciences, ICTACS 2024, 948-953. 4th International Conference on Technological Advancements in Computational Sciences, ICTACS 2024, Tashkent, November 13-15, 2024.
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- Borkar, P. et.al. (2024). Credit risk analysis using machine learning. 2024 8th International Conference on Computing, Communication, Control and Automation, ICCUBEA 2024, 8th IEEE International Conference on Computing, Communication, Control and Automation, ICCUBEA 2024, Pune, August 23-24, 2024.



**Dr. Pradnya Sulas  
Borkar**



**Dr. Nilesh Shelke**

- Shelke, N. et.al (2025). Integrated hybrid machine learning techniques and multiscale modeling towards evaluating the influence of nano-material on strength of concrete. Multiscale and Multidisciplinary Modeling, Experiments and Design, 8(1), 26.
- Shelke, N., et.al (2025). Optimizing sustainability and resilience of composite construction materials using life cycle assessment and advanced artificial intelligence techniques. Asian Journal of Civil Engineering, 26(2), 471-489.
- Shelke, N. et.al (2025). Strength prediction of fly ash-based sustainable concrete using machine learning techniques: An application of advanced decision-making approaches. Multiscale and Multidisciplinary Modeling, Experiments and Design, 8(1), 96.

Kaur, G. et.al (2025). Medical data analysis and transaction type prediction using machine learning and blockchain technology. IET Blockchain, 5(1), e70001.



**Dr. Gagandeep Kaur**



**Dr. Pramod Kumar  
Pandey**

- Pandey, P. (2024) Secured and cloud-based electronic health records by homomorphic encryption algorithm. International Journal of Electrical and Computer Engineering, 15(1), 1152-1161.
- Pandey, P, et.al (2025). Enhancing single image dehazing with self-supervised convolutional neural network and dark channel prior integration. International Journal of Electrical and Computer Engineering, 15(1), 520-528.

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**Dr. Poorva Agrawal**

Agrawal, P. et.al, (2024) Intelligent cervical cancer detection: Empowering healthcare with machine learning algorithms. IAES International Journal of Artificial Intelligence, 14(1), 298-306.

- Gupta, G. K. et.al., (2024). Intrusion detection and prevention using Bayesian decision with fuzzy logic system. International Journal of Electrical and Computer Engineering, 15(1), 1200-1208.
- Gupta, G. K., & Sharma, R. et.al (2025). Holistic analysis of Ganga basin water quality: A statistical approach with WQI, HMCI, HMQI, and HRI indices. RSC Advances, 15(5), 3290-3316.



**Dr. Gopal Kumar Gupta**

P. K. Dhankar, et al., Defence System with HC 12 Communication, 2nd DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry (IDICAIEI), Wardha, India, 2024, DOI: 10.1109/IDICAIEI61867.2024.10842835



**Dr. Praveen Kumar  
Dhankar**

- Dubey, P. et.al., (2025). Digitizing wellness. The Impact of Algorithmic Technologies on Healthcare, 375-395.
- Dubey, P. et.al (2025). Enhancing sentiment analysis through deep layer integration with long short-term memory networks. International Journal of Electrical and Computer Engineering, 15(1), 949-957.



**Dr. Parul Dubey**

- M. Gulhane, "Comparative Analysis of Machine Learning Models for Medical Drug Classification," in Proceedings - 4th International Conference on Technological Advancements in Computational Sciences, ICTACS 2024, 2024, pp. 869-874. doi: 10.1109/ICTACS62700.2024.10840643.
- M. Gulhane, "Computational Efficient ER of Wireless Nano Sensor Network under Interference," in 2024 Control Instrumentation System Conference (CISCON), 2024. doi: 10.1109/CISCON62171.2024.10696120.
- M. Gulhane, "AI Approach for Oncology using Mono-Cultured HGB Data from Various Methods," in Proceedings - 4th International Conference on Technological Advancements in Computational Sciences, ICTACS 2024, 2024, pp. 734-738. doi: 10.1109/ICTACS62700.2024.10841155.
- M. Gulhane, "Analytical Model for Performance Measures over Respiratory Track," in International Symposium on Wireless Personal Multimedia Communications (WPMC), 2024. doi: 10.1109/WPMC63271.2024.10863291.
- M. Gulhane, "Analyzing the impact of AI-driven diagnostic tools on healthcare policy and resource allocation," Journal of Krishna Institute of Medical Sciences University, vol. 13, no. 3, pp. 14-24, 2024. Available: Scopus.
- M. Gulhane, "Optimizing Resource Allocation in Cloud-Based Information Systems through Machine Learning Algorithms," Journal of Information Systems Engineering and Management, vol. 10, pp. 443-454, 2025. Available: Scopus.
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- M. Gulhane, "Development of a Temporal Analysis Model Augmented for Disease Progression Identification through Multiparametric Analysis," International Journal of Intelligent Systems and Applications in Engineering, vol. 12, no. 2, pp. 620-634, 2024. Available: Scopus.
- M. Gulhane, "Leveraging Machine Learning Techniques for Predictive Maintenance and Fault Detection in Industrial Systems," in Proceedings - 4th International Conference on Technological Advancements in Computational Sciences, ICTACS 2024, 2024, pp. 923-928. doi: 10.1109/ICTACS62700.2024.10840839.
- M. Gulhane, "Enhancing Liver Cancer Diagnosis Through Advanced Image Processing Techniques: A CNN and Logistic Regression Approach," in Proceedings - 4th International Conference on Technological Advancements in Computational Sciences, ICTACS 2024, 2024, pp. 1131-1135. doi: 10.1109/ICTACS62700.2024.10841112.

# FACULTY ENSEMBLE

# STUDENT COHORT

SESSION 2024-2025

SESSION 2024-2025



TEACHING FACULTY



ADMINISTRATIVE STAFF



I YEAR STUDENTS



II YEAR STUDENTS



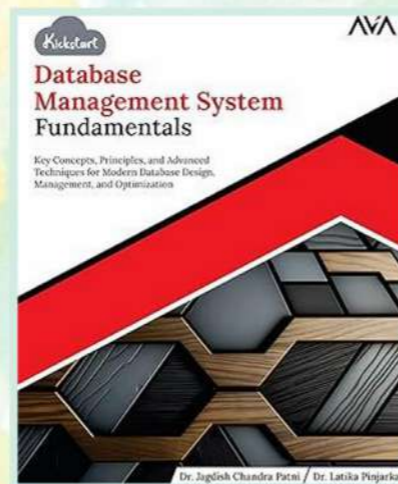
III YEAR STUDENTS

# Faculty Achievements

## DR. LATIKA PINJARKAR



Dr. Latika Pinjarkar, Associate Professor, co-authored the book "Database Management System Fundamentals", published on 15<sup>th</sup> December 2024



## FIRDOUS SADAF M . ISMAIL



FDP and proctored exam on "Blockchain and Fintech" organized by Centre for Development of Advanced Computing (C-DAC) from 20-24 January 2025 under ISEA Project by Ministry of Electronics and Information Technology.



Ms. Firdous Sadaf completed certified BIG DATA course organized by Infosys Springboard



Ms. Firdous Sadaf Gained the certificate of competency for the course 'Applications of AI for Anomaly Detection' authorized and organized by NVIDIA.

## DR. SNEHALATA WANKHADE



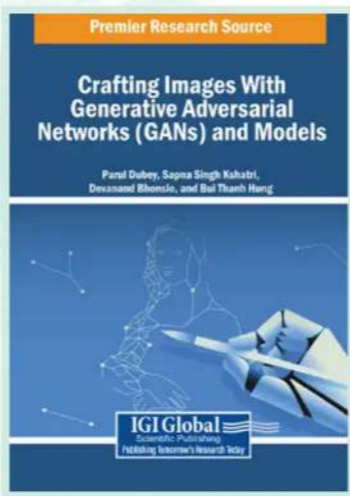
Dr. Snehlata Wankhade, Assistant Professor, CSE Department, SIT Nagpur, received the Mahatma Gandhi National Pride Award from the WELRED Foundation for her outstanding research contributions.



## DR. PARUL DUBEY



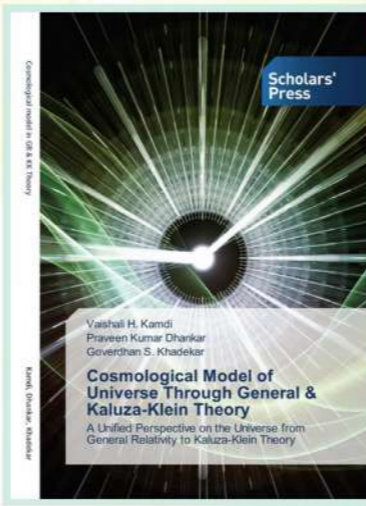
Dr. Parul Dubey, Assistant Professor, co-edited the book "Crafting Images With Generative Adversarial Networks (GANs) and Models," published by IGI Global in March 2025.



## DR. PRAVEEN KUMAR DHANKAR



Dr. Praveen Kumar Dhankar, Assistant Professor, co-authored the book "Cosmological Model of Universe Through General & Kaluza-Klein Theory," published on 28<sup>th</sup> February , 2025.



# Faculty Achievements

## DR. SAGAR KUMAR BADHIYE



YCCE successfully hosted the first phase of ACT-2025 on February 7-8, bringing together global experts in computing, control, and telecommunication. Dr. Sagar Badhiye, Academic In-charge at Symbiosis Institute of Technology, Nagpur, chaired a highly engaging session, reinforcing the institute's leadership in the field.



## DR. SUDHANSHU MAURYA



Dr. Sudhanshu Maurya received an AICTE ATAL certification for completing "Augmented Immersive Analytics" training at one of the engineering college in Nagpur.



Dr. Sudhanshu Maurya earned an AICTE ATAL certification for "Leadership & Excellence in Technical Institutions" training at Birla Institute of Technology, Jaipur Campus.



## DR. RAMDAS B KHOMANE



Dr. Ramdas B. Khomane presents Nanotechnology: Applications for Environmental Protection and Sustainability—a profound exploration of nanotechnology's impact.



Served as Session Chair at 2nd IEEE International Conference on Artificial Intelligence and Quantum Computing - Based Sensor Applications (ICAIQSA), Nagpur, India

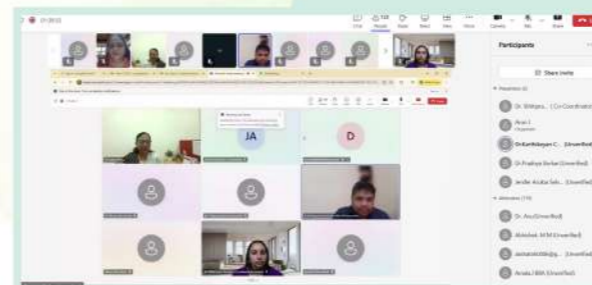
## DR. PRATIK AGRAWAL



Dr. Pratik Agrawal was invited speaker at the One-Week Faculty Development Program on "Emerging Trends in Machine Learning and Deep Learning using Computer Vision" in one the college in Nagpur



## DR. PRADNYA BORKAR



Delivered session on "Exploring Supercomputing in Innovation and Product Development for Business Management" at ATAL-AICTE FDP organised by SRM University, Chennai on 9<sup>th</sup> January 2025.



# Student Achievements

### Atharva Masharkar

Represented Symbiosis international deemed University (SIU) in the All-India West Zone Cricket tournament for the year -2024-25. For SIU team this year I was the best bowler with 2 wickets in 1 match



### Mukund Kuthe

Secured the prestigious 1<sup>st</sup> Runner-Up position at Abhivyakti 2025, the flagship cultural fest of IIIT Nagpur, in the highly competitive Singers' Showdown event.



### Akash Ujawane and Dev Dhapodkar

Akash Ujawane and Dev Dhapodkar secured 1st place at IIM Lucknow's "Stairway to Hell". They also bagged first runner-up at IIIT Nagpur's "Battle of Bands". Their performances have gained recognition from esteemed judges like TRAP, Salim-Sulaiman, Agnee, Shankar Ehsaan Loy and Pineapple Express, solidifying their place among India's top bands.



### Dev Maske

Represented Symbiosis international deemed University in All india University football tournament for consecutively two years 2023-24 and 2024-25



### Pinak Rokde

Winner in khasdar krida mohotsav badminton tournament 2025 in women's doubles Vidarbha level tournament 13<sup>th</sup> jan to 19<sup>th</sup> jan 2025



### Anshul Bhusari

Anshul Bhusari student of third year participated in the prestigious All India University Football Tournament. His dedication and exceptional skills helped the team secure a spot in the quarterfinals, showcasing the talent and spirit of our college. This remarkable achievement highlights the growing sports culture at SIT Nagpur and the commitment of our students to excel both academically and athletically.



# STUDENTS CORNER

## LOVE YOURSELF

Let me tell you one thing,  
People are always selfish even god too!  
Be selfish for yourself not for others.  
Start loving yourself love yourself .

Don't be like Honey bees,  
Working hard from 'morning till night for others.  
Just be a cat and live life like a cat,  
Just live a life for yourself..

be the one who you are !!  
Be the One what you want to be,  
Be the goldfish in a black fish tank!  
Be the one who known for loving yourself.

Love yourself love myself!  
Love yourself and make this earth, heaven for yourself !  
Love yourself just like a cat, don't be a dog in your life, be a cat.  
Be what you are not what other says...

-Ritika Bhoyar  
1st year



-Ritika Bhoyar  
1st year

## A DARK SIGHT

After the yellow day, there will be a black night.  
people used to say. each mirror has a dark sight.

In each path of life, someone will try to ruin it  
or there will be a strife, but one day you will win it.

Each road has two ways, and it will have a well.  
it depends on you what to choose Paradise or hell?

-Sejal Lende  
1st year



Pranav Lakhe  
1st year

# STUDENTS CORNER

## Happiness that faded

I thought happiness was in winning,  
In dreams fulfilled, in new beginnings.  
But every goal, every prize,  
Faded quickly before my eyes.

I found it once in little things,  
In laughter, games, and songs to sing.  
Playing chess with Dad at night,  
Dancing in the rain, hearts light.

A slice of pizza, a perfect test,  
Painting colors with no rest.  
But time has changed, those days are gone,  
And happiness feels hard to hold on.

Maybe joy is not in success,  
Not in trophies, not in stress.  
It lives in moments, small yet bright,  
In love, in play, in simple light.

-Arya Kashikar



-Arya Kashikar



Sumira Wandile  
1st year



Sampade Bandre  
1st year

# Editors Corner



Raghav Uparkar



Ambar Kumar



Ankush Nagwekar



Reyon Bose



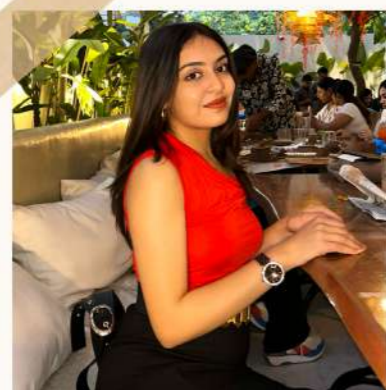
Sunidhi Haware



Vaanya Anand Bajaj



Jivesh Chawla



Shrunal Mehar



Maitri Jain

# HAPPY HOLI

🌟 Holi not just about colors; it's a celebration of victory, unity, and renewal.

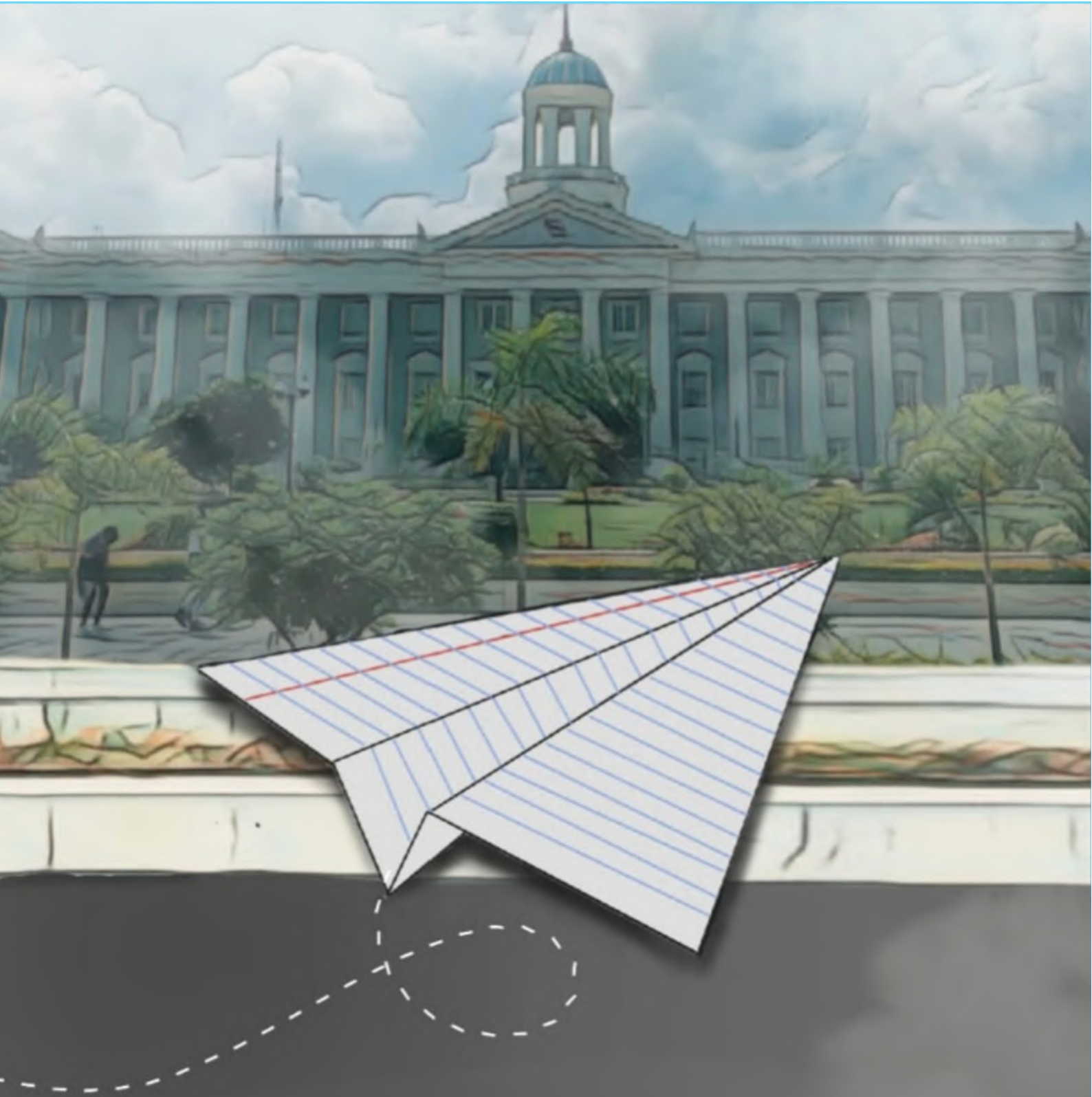
👉 Rooted in the legend of Prahlad and Holika, it symbolizes the triumph of good over evil. The vibrant colors represent love, joy, and the promise of new beginnings. 🙌

🌈 Let's celebrate Holi with warmth, positivity, and a spirit of togetherness!

Wishing you a Holi filled with bright opportunities!

Regards,  
Dr.Nitin Rakesh





*Designed by  
Sampada Bandre*

**SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)**

(Established under Section 3 of the UGC Act, 1956) | Re-accredited by NAAC with 'A++' grade | Awarded Category - I by UGC