

NEWSLETTER & MAGAZINE

DIGITAL THREADS

Volume 1 (July 2022)



ABOUT US

Jai Narain College of Technology (JNCT), Bhopal, blends Indian ethos with modern engineering education. While rooted in tradition, it embraces globalization, preparing students to tackle emerging challenges. Through strong industry ties, JNCT equips future leaders with technical expertise for a dynamic world.

HOD MESSAGE

The CSE Department is dedicated to fostering innovation, technical excellence, and industry readiness. Through quality education, hands-on learning, and research, we empower students to tackle real-world challenges. I encourage you all to stay curious, embrace new technologies, and keep evolving. Let's shape the future of technology together!

CSE DEPARTMENT

The CSE Department at JNCT, Bhopal, offers B.Tech and M.Tech programs focused on core subjects like Data Structures, Algorithms, Operating Systems, Computer Networks, and Database Management Systems, preparing students for dynamic tech careers.

Vision & Mission of Department

Vision

To cultivate proficient computer professionals capable of addressing the diverse technical challenges across industry, research, and academia, all while maintaining a strong commitment to serving humanity and our nation.



Mission 1

Our mission is to provide quality education that empowers students for successful careers, foster core competencies through research, and enhance learning via conferences, seminars, and hands-on training. We aim to instill self-motivation, responsibility, and strong ethical values in our students.

Mission 2

To nurture skilled computer professionals who can tackle diverse technical challenges in industry, research, and academia, while upholding a strong commitment to serving humanity and the nation.



Mission 3

We are committed to excellence in science and technology education by providing state-of-the-art infrastructure and high-quality learning. Our goal is to produce world-class engineers and future leaders who contribute to the nation and the global community.



PEOs AND PSOs Of Department

Program Educational Objectives (PEOs)

PEO-1. Equip graduates with the ability to apply their knowledge of computer science and engineering to analyze, design, and develop software solutions.

PEO-2. Prepare graduates for employment opportunities in diverse sectors, including the software industry, academia, public and private sectors, as well as higher education and entrepreneurship.

PEO-3. Enable graduates to utilize the latest skills, techniques, and engineering tools to effectively address computer science and engineering challenges within industrial, social, and environmental contexts.

PEO-4. Cultivate professionalism, ethical values, effective communication skills (both written and oral), and teamwork abilities while fostering a strong sense of social responsibility.

Program Specific Outcomes (PSOs)

PSO-1. Proficiency in foundational areas such as Data Structures, Database Management Systems, Software Engineering, Computer Networking, and Operating Systems.

PSO-2. The ability to design and develop software projects utilizing principles of computer science and open-source software tools.

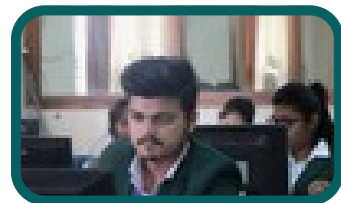
PSO-3. Application of theoretical and modern computer science knowledge to problem-solving in domains such as web and mobile application development, database management systems, and network security.

PSO-4. Utilization of acquired learning and knowledge to enhance personal development and contribute positively as responsible citizens.

Tech Trends & Future Scope

GitHub Copilot: The AI Revolution in Coding In March 2022, the world of programming witnessed a groundbreaking innovation with the official launch of GitHub Copilot. Developed by GitHub and OpenAI, this AI-powered coding assistant transformed software development by suggesting real-time code snippets, reducing errors, and enhancing productivity. By leveraging machine learning and vast code repositories,

Copilot understands context and offers accurate suggestions, making programming faster and more efficient. It supports multiple languages, including Python, JavaScript, and C++, making it a valuable tool for developers worldwide. As AI continues to evolve, GitHub Copilot marks a major shift towards automation in software development, streamlining coding processes and empowering developers to focus on creativity and problem-solving.



Student Result Analysis

I Semester

1.	Enrollment No 0131CS211033	Student Name DEV REDDY	CGPA 9.81
2.	0131CS211024	ARCHITA SWAMI	9.71

III Semester

1.	Enrollment No 0131CS213D02	Student Name KUNAL SONI	CGPA 10.00
2.	0131CS201080	PREETI CHOUDHARY	9.80

V Semester

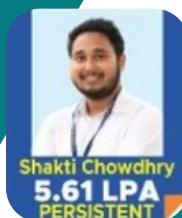
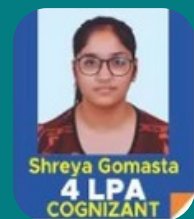
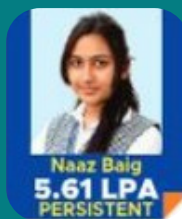
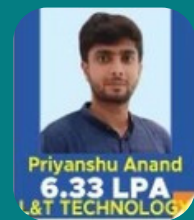
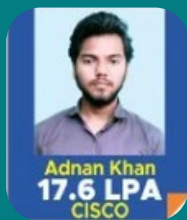
1.	Enrollment No 0131CS191006	Student Name ADNAN KHAN	CGPA 9.67
2.	0131CS191069	SHIVCHARAN SAMADHAN THENG	9.50

VII Semester

1.	Enrollment No 0131CS1810024	Student Name DEVISHA RAHANGDALE	CGPA 9.29
2.	0131CS193D03	NISHANT KUMAR	8.97

Campus Record & Placement Highlights

JNCT PLACEMENTS 2022



To nurture skilled computer professionals who can tackle diverse technical challenges in industry, research, and academia, while upholding a strong commitment to serving humanity and the nation.

Star Achiever and Top Recruiters



Department Events & Workshops

Robotics Workshop



The Robotics Workshop in May 2022 provided hands-on training in robot design, programming, and automation. Students explored sensor integration and AI applications, enhancing their technical and problem-solving skills.



MP Police Hackathon



The MP Police Hackathon 2022 challenged students to develop innovative tech solutions for cybersecurity and crime analysis, enhancing their coding and problem-solving skills.



Industrial Visit



This tour provided students with insights into startup incubation, entrepreneurship, and tech innovation, helping them explore the journey from idea to product development.



The CSE department organizes seminars, workshops, hackathons, and tech fests to enhance learning beyond the classroom. These events provide hands-on experience, industry exposure, and opportunities to interact with experts, keeping students updated with the latest advancements in computer science and engineering.

The Creative Hub

Garba Night



A lively celebration of music, dance, and tradition, where students and faculty enjoyed dandiya beats and cultural festivities together.



Inuagration of virtual labs



JNCT, in collaboration with IIT Delhi, inaugurated Virtual Labs, providing students with remote access to advanced experiments and simulations. This initiative enhances practical learning and bridges the gap between theory and real-world applications, fostering innovation and research.



Cleanliness Campaign



A cleanliness awareness drive promoting hygiene, sustainability, and environmental responsibility. Students and faculty participated in clean-up activities, awareness campaigns, and eco-friendly initiatives, fostering a cleaner and greener campus.

Environmental Campaign

Celebrated with plantation drives, awareness sessions, and eco-friendly activities, inspiring students to adopt sustainable practices for a greener future.



Beyond academics, this section highlights extracurricular activities, cultural events, sports achievements, and student club initiatives. It showcases the all-round development of students, encouraging creativity, teamwork, and leadership beyond the classroom.

Faculty Achievement

Prof. Pankaj Pandey , Department of Computer Science and Engineering

- Indian Patent published with Application Number : 202121041195 titled as “Gesture and Posture Independent Face Recognition using Machine Learning Model”.
- Certificate of accomplishment on BOSCH SKILLS INDIA Program by BOSCH India Foundation.
- Certificate of accomplishment IBM Data Science issued by Coursera on Apr 2022 with Credential ID RRC53BX9GKH8.

Prof. Mahendra Singh Sisodia, Department of Computer Science and Engineering

- Certificate of accomplishment on programming for everybody (getting started with Python) by university of Michigan.
- Certificate of accomplishment on Introduction to cybersecurity tools and cyber-attacks by IBM.

Prof. Abhishek Singh, Department of Computer Science and Engineering

- Certificate of accomplishment on Introduction to Python by Coursera on 17 th feb 2022.
- Certificate of accomplishment of a project on Statistics for Data Science by coursera on 17 th feb 2022.
- Certificate on completion of one-week virtual training on Salesforce Technology organized by NIT Nagpur on Sept 2021.

Student's Corner

Cyber Security

cybersecurity is not just an IT issue; it's a critical component of overall organizational and national security. As technology continues to evolve, so too must the strategies to defend against new and emerging threats.

~ Vishwajeet Gupta

“We don't grow when things are easy. We grow when we face challenges.”





JNCT
LNCT Group of Colleges

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GROUP OF COLLEGES
"WORKING TOWARDS BEING THE BEST"



Contributors of Digital Threads

Message for the Next Session

Dear Students, As we begin a new session, let's set new goals, embrace learning, and innovate with passion. This year brings fresh opportunities for growth, research, and industry exposure. Stay committed, participate actively, and make the most of every challenge. Together, let's build a future driven by technology and excellence.

Best wishes,
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