

NEWSLETTER & MAGAZINE

DIGITAL THREADS

Volume 2 (January 2023)



ABOUT US

Jai Narain College of Technology (JNCT), Bhopal, integrates Indian values with modern engineering education, fostering innovation and adaptability. With a strong industry interface, JNCT prepares students to navigate emerging technological challenges and excel as future leaders.

HOD MESSAGE

The CSE Department is committed to technical excellence, research, and industry readiness. Through quality education and hands-on learning, we empower students to embrace innovation, master core concepts, and stay ahead in the evolving tech landscape. Let's build the future of technology together!

CSE DEPARTMENT

The CSE Department at JNCT, Bhopal, offers B.Tech and M.Tech programs emphasizing core computing subjects like Data Structures, Algorithms, Operating Systems, Computer Networks, and Database Management Systems. Our curriculum equips students with the technical foundation and problem-solving skills needed to thrive in the IT industry.

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.

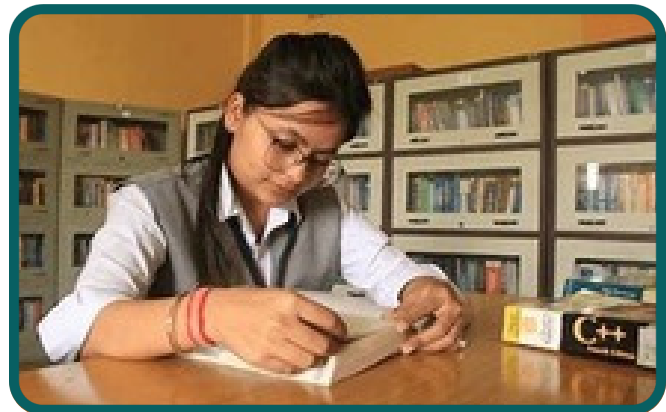
Mission 1



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

The AI Breakthrough in Conversational Technology In November 2022, the AI landscape witnessed a game-changing innovation with the launch of ChatGPT by OpenAI. This AI-powered chatbot revolutionized human-computer interaction with its advanced natural language understanding, contextual responses, and problem-solving abilities.

Built on the GPT-3.5, ChatGPT demonstrated conversations, making it a powerful tool for content creation, programming assistance, research, and customer support. It quickly gained global recognition, influencing industries ranging from education to software development.

As AI technology continues to evolve, ChatGPT has set new standards for automation and AI-driven communication, paving the way for smarter, more intuitive digital assistants.



Student Result Analysis

II Semester

1.	Enrollment No 0131CS211110	Student Name SHRUTI RAJ	CGPA 9.29
2.	0131CS211099	SATYA PRAKESH PATEL	9.24

IV Semester

1.	Enrollment No 0131CS201050	Student Name HIRDHYA VOHRA	CGPA 9.21
2.	0131CS201107	SHIVANI TIWARI	9.19

VI Semester

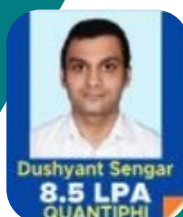
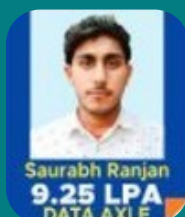
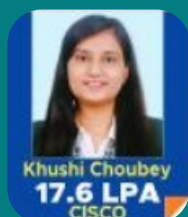
1.	Enrollment No 0131CS191006	Student Name ADNAN KHAN	CGPA 9.44
2.	0131CS191009	AMAN PANDEY	9.25

VIII Semester

1.	Enrollment No 0131CS181024	Student Name DEVISHA RAHANGDALE	CGPA 9.25
2.	0131CS193D03	NISHANT KUMAR	8.88

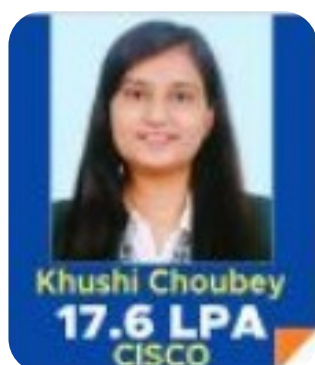
Campus Record & Placement Highlights

JNCT PLACEMENTS 2023



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

Expert Lecture on GATE Exam

An informative session on the GATE exam, covering its importance, preparation strategies, subject-wise approach, and career opportunities. The expert provided tips, study resources, and insights to help students excel in the exam and achieve their career goals.



Workshop on Embedded System

JNCT EX Department Conducted “Two Days Workshop on Embedded System”. It gave students, hands-on experience on latest embedded system hardware and different types of sensors. Students learn how to program the control boards for different types of sensors and different applications in the workshop.



Memory Power Management

JNCT organized An Expert lecture on “Memory Power Management” by Limca Book of record holder Jitendra Tiwari. He Shared Memory Improvement Tips and Techniques with Students during Lecture.



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

SwachhataHiSeva movement



JNCT Nature Club & NSS Club is Spreading SwachhataHiSeva movement by organizing Awareness drives about cleanliness in Nearby localities By means of Naukad Natak and Swachhata Rally. Here are some snapshots of the same.

Voter Awareness Drive

“Voter Awareness Drive” Took Place in JNCT Campus. JNCT students and staff were demonstrated the working of Electronic Voting Machine #EVM(Electronic Voter Machine) and #VVPAT(Voter Variable Paper Audit Trail) By Members of Election Commission of India



Orientation Programme



The Orientation Programme was conducted for the batch 2022. The programme was organized to brief students about the infrastructure, code of conduct and examination pattern of the College. Hon'ble Shri Jai Narain Chouksey (Founder & Chairman LNCT Group, Chancellor LNCT University)

AutoCAD Seminar

JNCT CSE Department Organized Seminar on AutoCADg. In Seminar, Expert focused on the points, Such What AutoCADg is capable and Sector where it can be widely used



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

- Recognized by IBM for professional excellence in Journey to Cloud: Envisioning Your Solution
- Patent Published – Application No. 202311036508A
- Patent Title: Real-Time Monitoring of Water Quality and Feeding Device for Fisheries Using IoT.
- Uses IoT technology for real-time water quality monitoring.
- Automated feeding mechanism to improve fish health and efficiency.
- Enhances resource optimization for sustainable fisheries management.
- Significant contribution to cloud computing and IoT-driven solutions.
- Strengthens the department's focus on research, innovation, and real-world applications

Student's Corner

“ जूनियर साथियों के नाम”

नए हो तुम, पर हौसले पुराने रखो,
हर मुश्किल में मुस्कान सयाने रखो।
Code चले या न चले कोई बात नहीं,
सीखते रहो, यही शुरुआत सही।

जब थक जाओ तो रुकना ज़रा,
मगर फिर से उठना, यही है कला।
हम भी थे ऐसे ही कल के दिन,
अब बारी तुम्हारी है — रचो अपनी सीन।

~ Khushi Choubey



"सीखना कभी बंद मत करना, क्योंकि टेक्नोलॉजी भी कभी रुकती नहीं।"



JNCT
LNCT Group of Colleges

LNCTSM
GROUP OF COLLEGES
"WORKING TOWARDS BEING THE BEST"



Contributors of Digital Threads

Message for the Next Session

Dear Students, Every session is a new chapter in your learning journey. Take bold steps, seek knowledge, and challenge yourself. The road to success is built on passion and persistence—make this year a remarkable one!

Best wishes,
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JNCT, Bhopal

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