NEWSLETTER

July 2024

NIET
GreaterNoida
Autonomous Institute
Est.2001
Get Future Ready

Department of Computer Science and Engineering

Technology is best when it brings people together.

Message from Director

At NIET, everything is centred around meeting the needs of our students and preparing them to be "future-ready". From our dedicated faculty and staff to our comprehensive academic programs and support services, we are committed to providing an enriching and fulfilling educational experience. Our focus is on empowering students to achieve their academic and personal goals, ensuring that they have the resources and support they need to succeed in a rapidly evolving world. Whether through innovative teaching methods, state-of-the-art facilities, or a vibrant campus community, NIET is dedicated to helping students reach their full potential.

Dr. Vinod M Kapse
Director, NIET

Message from HoD

The Department of Computer Science and Engineering (CSE) has thrived despite challenges, boasting exceptional academic performance, prolific research output, and strengthened industry partnerships. Through workshops and seminars, students gained insights into emerging technologies, while achieving success in both academic and extracurricular arenas. Alumni engagement remains strong, showcasing the enduring impact of the department's education. As the department looks ahead, it remains dedicated to providing a top-tier education and preparing students for prosperous careers in computer science.

Dr. Kumud Saxena
HoD, CSE

VISION OF CSE DEPARTMENT

To become a prominent department of technical excellence in the field of computing and information system, providing an intellectual, innovative, and inspirational environment to produce competent professionals of the highest ethics equipped with future skills, research potential, and attitude to create startups for society.

MISSION OF CSE DEPARTMENT

- To provide life-long learning environment to strengthen core competencies, innovation, problem-solving skills, ethical values, and social responsibility.
- To establish industry-institute interaction and collaborations to prepare the students to adopt corporate culture with leadership and managerial skills.
- To promote technological advancement by providing exposure to latest tools and technologies being implemented in the industry with the help of ICT and MOOCs.
- To make future-ready graduates by promoting research and projects development on cutting-edge technologies in the fast-paced technology-driven environment.

Program Educational Objectives :

- To have an excellent scientific and engineering breadth so as to comprehend, analyze, design and provide sustainable solutions for real-life problems using state-of-the-art technologies.

- To have a successful career in industries, to pursue higher studies or to support entrepreneurial endeavors and to face the global challenges.

- To have an effective communication skills, professional attitude, ethical values and a desire to learn specific knowledge in emerging trends, technologies for research, innovation and product development and contribution to society.

- To have life-long learning for up-skilling and re-skilling for a successful professional career as an engineer, scientist, entrepreneur or bureaucrat for the betterment of the society.

Program Specific Outcomes :

- Identify, analyze real world problems and design their ethical solutions using artificial intelligence, robotics, virtual/augmented reality, data analytics, block chain technology, and cloud computing.

- Design and develop the hardware sensor devices and related interfacing software systems for solving complex engineering problems.

- Understand inter-disciplinary computing techniques and to apply them in the design of advanced computing.

- Conduct investigation of complex problems with the help of technical, managerial, leadership qualities, and modern engineering tools provided by industry-sponsored laboratories.

<u>EVENTS</u>

FDP : SUSTAINABLE INTELLIGENCE– HARNESSING AI/ML FOR A BETTER TOMORROW

5-Days Faculty Development Program sponsored by AICTE Training and Learning (ATAL) Academy was conducted from 8th to 13th January 2024, in which around 60 participants from different parts of the country participated. Experts led sessions on the use of AI and ML for sustainability, exploring applications, ethical issues, and future trends. Faculty gained insights to incorporate these technologies into their academic work, driving sustainable innovation. The event was highly appreciated and encouraged meaningful discussions on using AI/ML for a sustainable future.

EXPLORING THE FUTURE: AR/VR TECHNOLOGY FOR ENHANCED LEARNING

CSE Department hosted a successful Faculty Development Program from February 5-10, 2024. The event focused on enhancing educators' knowledge of Augmented Reality (AR) and Virtual Reality (VR) technologies, providing hands-on training in developing immersive applications for education. Participants explored innovative teaching methodologies, learned to integrate AR/VR into their curriculum, and discussed ethical design practices. The FDP was well-received, equipping faculty with new tools to engage students and enhance learning outcomes through AR/VR.

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EXPERT TALK SESSION

The Department of Computer Science and Engineering (CSE) successfully hosted a transformative Personality Development Program on February 2, 2024, from 2:30 to 5:00 PM in Auditorium D block. Led by Prof. Kumud Saxena, the program was designed to empower third-year CSE students with essential skills for personal and professional growth. Topics covered included communication, leadership, time management, and self-confidence. The event, meticulously organized by Faculty Coordinators Megha Gupta, Vaibhav Bhatnagar, Ankita Sharma, and Rahul Kumar Sharma, had a significant impact, providing students with valuable insights and tools to enhance their development.

CODEXATHON

Codexathon, organized by the CodeChef NIET Chapter on February 9, 2024, aimed to celebrate coding excellence by blending programming with culinary-themed challenges. It provided a unique platform for participants to showcase problem-solving skills, creativity, and teamwork while fostering camaraderie and healthy competition. The event encouraged innovative thinking and equipped participants with skills to tackle real-world problems, both technical and culinary, making it a fun and successful experience for all involved. This event is coordinated by Ms. Sana Anjum And Mr. Yaduvir.

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BATTLE OF BITS – GAMING EDITION

The Battle of Bits and Benefit event provided a hands-on experience in technology and gaming, enhancing skills in coding, design, AI, and web development. Through interactive challenges, participants improved problem-solving, time management, and collaboration, fostering innovation and building a network of tech enthusiasts for future growth.

The event, meticulously organized by Faculty Coordinators Mr. Ibrar Ahmed, Mrs. Neeti Taneja, Mr. Vaibhav Bhatnagar
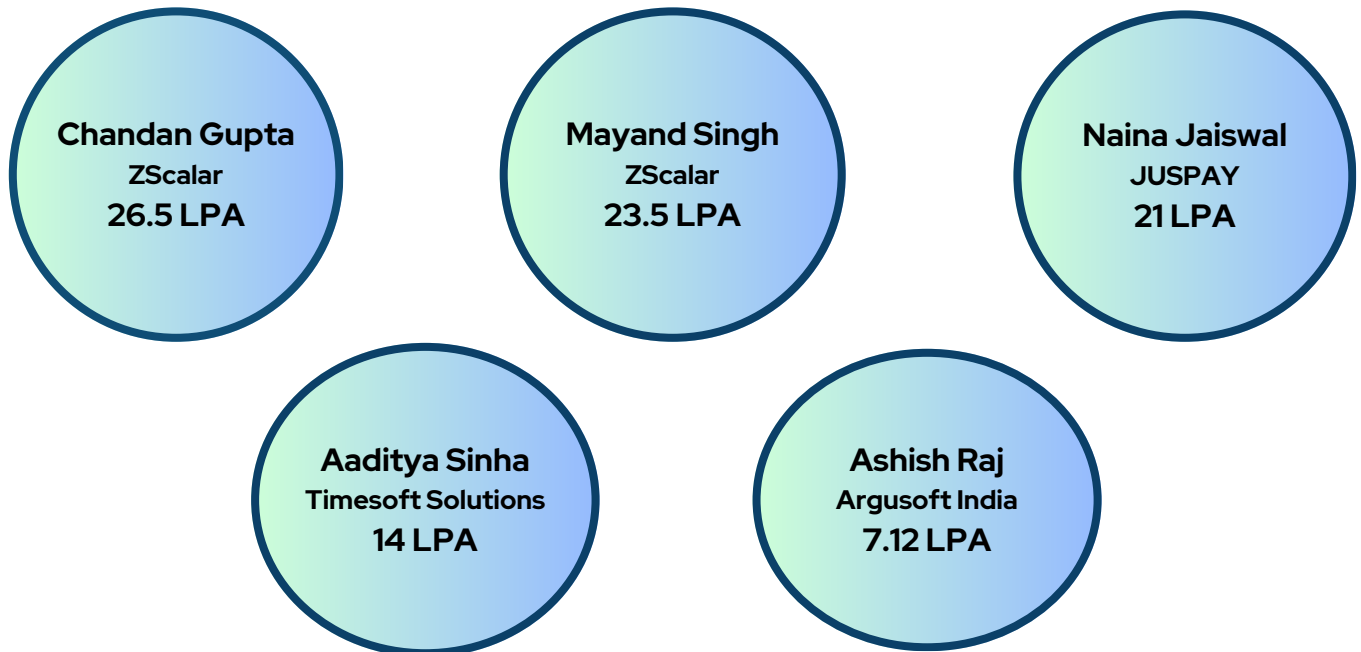
CODE-HRS

The coding event, conducted on the HackerRank platform, aimed to evaluate participants' problem-solving abilities and their grasp of data structures and algorithms in addressing real-world challenges. With a focus on time-based problem-solving, the event encouraged critical thinking, sharpened analytical skills, and enhanced algorithmic proficiency. The platform's structured format enabled smooth participation and ensured quick, efficient result analysis, providing participants with immediate feedback and fostering a competitive yet enriching learning experience.

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PLACEMENT STATS 2023-24

We are thrilled to announce that our Computer Science and Engineering (CSE) Department has achieved a significant milestone. In 2023-24 around 200 students from our department have secured placements in leading companies through our campus recruitment drive.

Chandan Gupta
ZScalar
26.5 LPA

Mayand Singh
ZScalar
23.5 LPA

Naina Jaiswal
JUSPAY
21 LPA

Aaditya Sinha
Timesoft Solutions
14 LPA

Ashish Raj
Argusoft India
7.12 LPA

STUDENT ACHIEVEMENT DATA

NAME	TITLE OF THE EVENT	LEVEL OF PARTICIPATION	DATE	POSITION
JANHAVI AGRAHARI	HackwithIndia	National	01-04-2024	Top 400 teams
DEVESHI	Quiz of Flipkart Runway, Season 4, Organized by flipkart.	National	17-03-2024	3rd
HARSHIT JAISWAL	Impact-A-Thon, Summit2024	National	15-03-2023	1st
VANSHIKA PANDEY	GFG Hackathon	National	24-01-2024	3rd
MOHD ANAS	Gate	National	2024	Rank-14563 Score-29.89

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