

CSE

Tagline:

"Innovating the Digital Future"

About the Program:

"Computer Science and Engineering is not just a program; it's a journey into the realms of innovation, problem-solving, and technology creation where the possibilities are limitless."

Key aspects of what Computer Science Engineers do include:

- a) Software Development and Engineering
- b) Artificial Intelligence and Machine Learning
- c) Cybersecurity and Network Security
- d) Data Science and Big Data Analytics
- e) Cloud Computing and Distributed Systems
- f) Internet of Things (IoT) and Embedded Systems

4. Course Concept Map with Course Name in Center:

5. Industry Training:

"Bridging Knowledge to Industry Excellence, industry training paving the Way for Industry Prowess."

Brief:

"The Department of Computer Science and Engineering offers various industry training programs designed to bridge the gap between academic learning and industry demands, ensuring students are job-ready and proficient in the latest technologies."

Industry Training:

1. CISCO (Network Security Training) final
2. AWS (Cloud Computing And Amazon Web Services)
3. Problem Solving (Geeks for Geeks)
4. Version Control and Collaboration (GitHub)
5. Mock Interviews (Hiresnap)
6. Employability Assessment test (AMCAT)

8. Training Road Map:

1st/2nd Sem

Problem-Solving

Skill Set: C,C++ Language

No. Of Hours: 20

Outcome: Logic Building using Programming language

3rd Sem

Problem-Solving

Skill Set: C,C++ Language

No. Of Hours: 20

Outcome: Generate Range of effective solutions

Web Technology

Skill Set: HTML,CSS

No. Of Hours: 20

Outcome: Analyze the Web Page and Identify its different properties

Data Science

Skill Set: Mathematics, Python, Machine Learning models and algorithms

Outcome: Industry Oriented Certificates

No. Of Hours: 20

Cloud Computing

Skill Set: AWS/Google Cloud Practical Knowledge

No. Of Hours: 20

Outcome: Industry-Oriented Certificates.

4th Sem

Problem-Solving

Skill Set: C,C++ Language

No. Of Hours: 20

Outcome: Develop a consistent problem-solving approach

Web Technology

Skill Set: Javascript, BootStrap

No. Of Hours: 20

Outcome: Learn server-side (back-end) fundamentals and apply them to create dynamic websites and web apps.

Data Science

Skill Set: Mathematics, Python, Machine Learning models and algorithms

Outcome: Industry Oriented Certificates project building related to complex problems

No. Of Hours: 20

Cloud Computing

Skill Set: AWS/Google Cloud Practical Knowledge

No. Of Hours: 20

Outcome: Advance Industry Oriented Certificates and project building related to complex problems

5th Sem

Problem Solving

Skill Set: C, C++ Language

No. Of Hours: 30

Outcome: Apply a variety of problem-solving tools and techniques to complex problems

DBMS Training

Skill Set : Oracle, SQL

No, of Hours: 20

Outcome: Apply database management techniques, like retrieving, accessing and organising data efficiently.

Data Science

Skill Set: Mathematics, Python, Machine Learning models and algorithms

Outcome: Industry Oriented Certificates project building related to complex problems

No. Of Hours: 20

7th Sem

Company Readiness Program

Skill Set, C,C++, Problem-solving, DBMS

No. of Hours : 30 hrs

Outcome: Getting better placement(Super Offer and Super Dream Offers) and increasing the average salary

9. Top Achievers Quotation:

"From Code to Conquest: Student Success Stories, Inspiring the Next Wave of Innovators."

1. 3rd Year Student Vatsal Namdev and Team || secured runner up position in "Health and Hunger track of

SDG hackathon" Hosted by IIIT Delhi.

2. Anmol Gupta || Final Year student securing 8th position in All India NCAT.

3. Alumni Student Mr. Naman Kumar got selected got Post-Graduation from Kingston University London.

4. 3rd Year CSE, Batch 2021-2025, Mr. Ayush Kumar Goel, had achieved placement for internship with KPMG India for 7 weeks from 15th July 2024 to 30th August 2024.

10. Placement Glimpses 2023:

1. Total number of Actual placements.

203

2. Highest salary package offered.

52 LPA

3. Total number of companies that visited for placements of CSE

180

4. Placement percentage of CSE department.

100%

5. Total number of placements offered by the college.

423

6. Total number of super-dream (≥ 1000000) offers with exceptionally high CTC and the corresponding amount in LPA.

49

7. Total number of dream offers (≤ 999999 and ≥ 700000) with remarkable CTC and the corresponding amount in LPA

68

8. Total number of super offers (≤ 699999 & ≥ 500000) with excellent CTC and the corresponding amount in LPA.

45

11. Top Internship Offers Companies List:

12. Top Placement Offers Companies List:

13. Industry Partnerships & MoUs:

14. Facilities and Lab List:

Digital Image Processing Lab

Discrete Mathematics and OS Lab

Database Management Lab

Design and Analysis Algorithm Lab

Computer Networks lab

Computer Architecture and data Structure Lab

15. Events & News Section:

Event 1: INTELLECTUAL PROPERTY VALUATION AND FUND RAISING

You'll gain a deep understanding of how each type of IP plays a crucial role in safeguarding innovation and nurturing creativity across various industries. Explore the significance of intellectual property rights in driving economic growth and fostering healthy competition in the marketplace. Learn about the processes involved in obtaining and enforcing these rights, empowering you to protect your ideas and creations effectively. Delve into the ethical and legal considerations surrounding intellectual property, from navigating issues of infringement to navigating complex international regulations. Join us on this enlightening journey as we unlock the power of intellectual property to fuel innovation and shape the future."

Event 2: VERTIGO'24

From intense quizzes to challenging CSS battles, and the adrenaline rush of bug debugging, Vertigo was a rollercoaster of technical prowess and excitement. The enthusiasm of students and dedication made every moment memorable, and they showcased their talent throughout the event.

1. Quiz Competition
2. CSS Battle
3. Bug Debug
4. Ideathon
5. Valorant
6. Smash karts
7. BGMI
8. Freefire

Event 3: Introduction to System Design and DevOps

- Offered insights and expertise on System Design and DevOps.
- Describe the structure and elements. Clarify interface and models.
- Raise awareness by presenting order details with a flow diagram.
- The programming language necessary in the industry.

Event 4: How to do well in GD and personal interview

- Provided awareness and knowledge about difference between CV, Resume and Bio-Data.
- Provided awareness about Do's and Dont's before appearing for an interview in both online and offline mode.
- Guided the students about how to dress up for the interview and how to address the interviewer as you enter the room.
- Guided the students about how to maintain your document file.