About Department

"**Genius without education is like silver in the mine**" is rightly said by **Benjamin Franklin**.

 The Department aims at imparting quality education and strive to quench the thirst for knowledge.The Department offers **B.Tech. (CSE)** and **M.Tech. (CSE)** and **Ph.D (CSE)** programs. The Department lays emphasis on theoretical and practical aspects of subjects taught viz. Computer Technologies, Distributed Computing, Information Security, High Speed Networks, Wireless and Mobile Networks, Programming Languages, networking and database management, Software engineering and several other domains of computer engineering. Moreover updation of syllabus is carried out at regular span of time to keep in pace with the recent technologies.The classes are conducted by procuring latest technologies viz. smart classes and multimedia.The department has developed a high end seminar hall with the state of art computation and multimedia facility.The curriculum inculcates industrial summer training which enable students to get acquainted with work culture and in turn help them groom themselves. CSE students have accomplished training projects in esteemed organizations such as **TCS, HCL, RAMCO, CTS, Nature Soft, NAL, ISRO, NLC, IGCAR** etc.

The department is connected with national knowledge networks which facilitates the students to share knowledge with eminent engineering institutes of the country. Moreover the college also provides IEEEexplore connectivity to the students free of charge to keep them updated with the prevalent trends and make them aware of latest research activities globally in the domain of Computer Engineering and Information Technology. Symposiums, workshops, conferences and seminars of national and international levels are organized by department in close liaison with renowned professional societies such as **Institution of Engineers IE(I) , Computer Society of India (CSI) etc**. Moreover experts with hands on experience regularly share their domain knowledge with the department.

The alumni of department are working on higher designations in esteemed organizations such as TCS, Birla Soft, Syntel, AppPerfect, Infosys, Accenture, Cognizant Technology Solutions, IBM, L&T Infotech, Tech Mahindra, US Technologies and some of the alumni have opted to pursue higher studies from eminent institutions of the country such as IIT's, IIM's, NIT's, GIM, BITS Pilani, NMIMS, Mudra Institute of communications Ahmedabad, etc. and are winning laurels for the college.

Vision of the Department

   To contribute to India and the world through excellence in the Domain of Computer Science and Engineering education and research and to serve as a valuable resource for Computer Science and Engineering based Industry and society at-large.

Mission

   - Committed to excellence, the department seeks to impart knowledge to develop latest technological skills with value based education among students to facilitate their development as successful and competent professionals for the nation.

   - Promote excellence, foster high standards and orient the education towards future needs and opportunities through strong Academia, Industry and Stakeholder linkages.

- Strengthen the curricula as per the current needs of the industry and academia to promote research and development in frontier areas of Computer Science & Engineering.

- Provide opportunities for research, continuing education, faculty up-gradation and development of human resources in new and cutting edge technologies, especially through national and international collaboration.

- Strengthen non-formal training to promote innovation among students and equip them to be successful future entrepreneurs.

Programme Educational Objectives (PEOs)

- **PEO I** : Apply Computer science theory blended with mathematics and engineering to model computing systems.

- **PEO II** : Design, Implement, test and maintain software systems based on requirement specifications.

- **PEO III** : Communication effectively with team members, engage in applying technologies and lead teams in industry.

- **PEO IV** : Assess the computing systems from the view point of quality, security, privacy, cost, utility, etiquette and ethics.

- **PEO V** : Engage in lifelong learning, career enhancement and adapt to changing professional and community needs.

Courses

Title of Programme	Field of Specialization	Fulltime or part time	Duration	Intake
B.Tech.	Computer Science & Engineering	Full time	4 years	60
B.Tech.	Artificial Intelligence & Data Science	Full time	4 years	60
M.Tech.	Computer Science & Engineering	Full time	2 years	08
PhD	Computer Science & Engineering	Full time	3 years	04