

**Center For Computational
Engineering And Networking**

Today, all the world class universities offer post graduate programmes in computational sciences and engineering in all branches. The Centre for Computational Engineering and Networking (CEN) foresaw the importance of computational science and started the journey with the main focus on Data Mining and Machine learning in 2003. The centre not only implies the conventional computer networking, but also integrates all aspects of IoT's and social networking. The strong motivation for the inception of CEN in 2003 is the fall in price of computing over years and the data abundance due to sensor networks. This had led to the introduction of two M.Tech programmes namely, Computational Engineering and Networking and Remote Sensing and Wireless Sensor Networks.

CEN believes that solving state of the art problems require a highly multidisciplinary background. Hence CEN is promoting a system view of problems where compartmentalized study is meaningless. Thus the course syllabus is highly multidisciplinary in nature. Faculties responsible for taking classes are also engaged in research projects. Hence 10% of the course syllabus is always based on the current projects that each faculty is currently working on. This not only provides a real life scenario for the students interested in research, but it also keeps them up-to-date with the current research problems and methodologies. Moreover, interested students are also given a chance to work on live projects in the final semester as a part of their major project. This not only provides valuable experience to the students, but it also helps in speeding up the research projects in the department.



By second semester, each student is encouraged to publish papers in national/international conferences/journals and workshops. The students are informed of the various conferences coming up and they can work with senior faculties in getting their papers published. This has ensured that each student has co-authored at least one paper at national/international level.

At CEN, the faculties encourage the students to be “thinkers, tinkerers and makers”, so that they can tune their education to the needs of the society. Students are made to bound with innovative and live modern experiments (which uses fundamental principle of science). CEN ensures that students are trained to participate in research activities and at least one publication as research contribution.