

### **Ph.D. Computer Science Engineering**

PhD program in Computer Science offers intensive research preparation in design, programming, theory and applications. Training is provided for both academically oriented students and students with professional goals, industrial and governmental occupations requiring advanced knowledge of computer theory and technology. The main focus of research is in the areas of algorithms, artificial intelligence, bioinformatics, big data analytics, database systems, data mining, distributed algorithms, computer and network security and in many more core computer science areas. The PhD program is aimed at helping the student acquire proficiency in the chosen area through course work, followed by doctoral research.

### **Ph.D. Mechanical Engineering**

Mechanical Engineering Department offers Ph.D. program in different streams of industry oriented research focused on the applications based on multiple work-envelops; Material Science, Surface Engineering, Manufacturing Techniques, Heat Transfer, Thermodynamics, Industrial Engineering, Design etc. are the few to name. Multidisciplinary research is also appreciated to train the multi-domain experts and explore the deeper insights into the unknown facts/phenomenon in the interest of Industry and society thereby serving the humanity as a whole in the field of traditional as well as technical and professional education.