

## Department of Computer Science Engineering (M.Tech.)

### **Program Educational Objectives (PEO)**

1. Prepare students to pursue a career in Research and Development, Academics, and as computer science professional at national and international level organizations.
2. Enable students to pursue higher studies, exhibit research skills and knowledge to further their career aspirations.
3. Enable students to become entrepreneur and show their leadership and technical skills to adapt to the challenges of upcoming technologies.

### **Program Outcomes (PO)**

1. An ability to independently carry out research /investigation and development work to solve practical problems.
2. An ability to write and present a substantial technical report/document.
3. Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

### **Program Specific Outcomes (PSO)**

1. Design software systems, components, or processes to meet identified needs within economic, environmental and social constraints.
2. Ability to apply mathematical foundations and algorithmic principles for modeling and simulation of engineering problems.
3. Use research based knowledge and tools for the analysis and interpretation of data to synthesize information for obtaining valid conclusions.

### **Course Outcome (CO)**

<https://ptu.ac.in/wp-content/uploads/2020/10/1-5-18%20M%20Tech%20CSE%20Batch%202018.pdf>