

Parallel & Distributed Computing

Course Description :

Systems are equipped with more than one processor means today is the era of multiprocessing and multi computing. In this course students will learn what is shared memory and distributed memory environment, moreover if students want to design a multi processor or a multi computer system than what are the issues that arise and how to overcome those issues. Students will also learn the latest areas and application at where you can apply the knowledge of this course.

Topics covered in the Course:

- Introduction
- Issues related to Parallel & Distributed Computing
- Pthread
- RMI
- CORBA
- Message Passing

Benefits of the Course:

- Useful for Parallel & Distributed System Design
- Learn about the various programming language for shared memory and distributed memory

Outcomes of the Course:

- Understand parallel mechanism of the System.
- Analyze distributed environment.
- Implement some primitive methods related to parallelism.

Eligible Stream of participants:

- Computer Science/Engineering
- Information Technology

Tool: Zoom Meet



Prof. Makhduma Saiyed

Assistant Prof., Computer Science and Engineering

- Coordinator of International Relation Cell at department Level.
- Coordinator of Erasmus + Staff Mobility exchange program in 2018 and 2019.
- Develop curriculum and prepare teaching materials for course.
- Guiding Final Year students in their Project.
- Assessment of Semester papers and evaluating student performance.
- Anchor in National Conference, Short Term Training programme since last two year.