Parallel & Distributed Systems Lab:

Lab Objectives :

demonstrate knowledge of the basic elements and concepts related to distributed system technologies

demonstrate knowledge of the core architectural aspects of distributed systems; design and implement distributed applications

demonstrate knowledge of details the main underlying components of distributed systems (such as RPC, file systems)

use and apply important methods in distributed systems to support scalability and fault tolerance
demonstrate experience in building large-scale distributed applications.

Overview of Learning Activities :

Key concepts and well-known methods will be explained in lectures, classes or online, where syllabus material will be presented and the subject matter will be illustrated with demonstrations and examples;
Tutorials will focus on problem solving and they will provide practice in the application of theory and procedures, allow exploration of concepts with teaching staff and other students, and give feedback on your progress and understanding;
Computer laboratory sessions provide practices in the application of developing basic distributed applications using RPC

List of Software Available:

JDK 1.8
NETBEANS