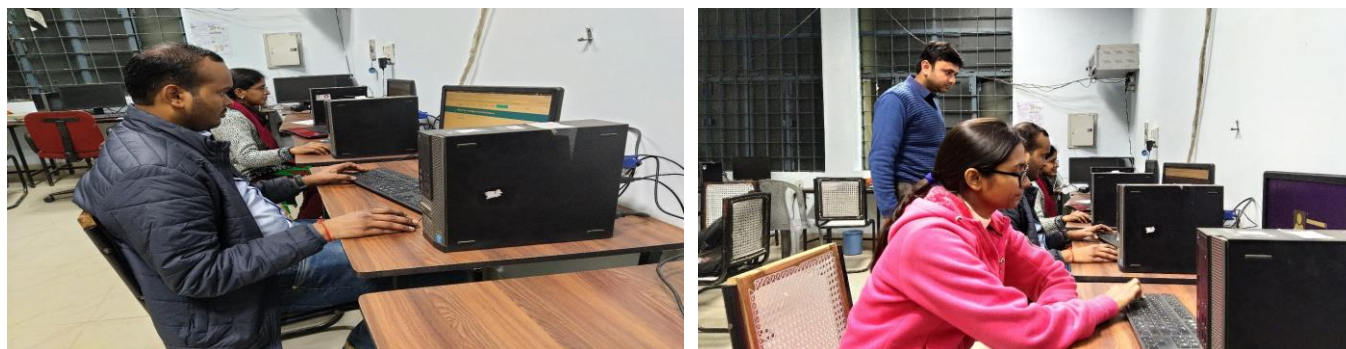


SOA / Distributed Computing LAB



The main objective of this lab is to facilitate the students in order to learn the concepts in service-oriented architecture and distributed computing. The lab consists of 14 desktops and provides facilities for undergraduate, postgraduate and research students to simulate or emulate their major and minor projects in various areas such as software defined networking, named data networking, future internet architecture, distributed computing and their security and performance issues, machine learning, optimization, authentication protocols, and Internet of Thing (IoT) etc. It also facilitates various summer training programs to the students of different institutions.

Lab Resources:

Hardware configuration	Intel Core i7 - 4770 processor 64 (bit) with 3.40 GHz clock frequency, 16 GB RAM (3 systems) and 4 GB RAM (11 systems), 500 GB Hard Disk
Operating Systems	Ubuntu 16.04 (64 bit)
Softwares	GCC compiler, Netbeans, Xampp Server, Virtual Box, G++, Java, Ns-3, ONOS, Weka, and Mininet
Other resources	Projector, white boards, High speed Internet

OC of the Lab: Dr. Shashank Srivastava