DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2020 – 2021 EVEN SEMESTER

BRIDGE COURSE REPORT

The Department of Computer Science & Engineering organized a bridge course for II Year (Batch: 2019 -2023) students on 18.02.2021 and for III Year (Batch: 2018 -2022) students on 19.02.2021.

OBJECTIVE

The objective of the course is to bridge the gap between students understanding and their knowledge. To equip the students knowledge, Basic Linux commands taken as bridge course for the second year students and MIT appinventor for the third year students.

COURSE MAPPING

In regulation 2017 syllabus, operating system subject and OS lab are found in fourth semester. Operating system lab deals with basic OS concepts which will be implemented in Linux environment. To understand the working environment of Linux, basic Linux commands should be known to the students. Thus the "Basic Linux commands" was taken as bridge course for II year students.

Similarly in regulation 2017 syllabus, mobile application development lab is in sixth semester. The students did not have any background knowledge on mobile application development software. To understand the mobile application development environment, MIT Appinventor software is used. Thus the "MIT Appinventor" was taken as bridge course for III year students.

SESSION DETAILS

Ms.K.Abhirami, AP/CSE, handled the session for II year students. She described each function of a Linux Commands and also explained the usage of function in a program. She executed the commands and the output was shown to students. Hands on training also provided to the students. The students executed the commands and the doubts were cleared by the staff and the students got benefited.

Ms.R.Suganthalakshmi, AP/CSE, handled the session for III Year students. She explained procedure to get into the software and basic features of "MIT Appinventor". She developed a project and demonstrated that project to the students. After the explanation, students individually created their own login to that application and tried to develop a sample project. The staff cleared the student's doubt during hands on session.
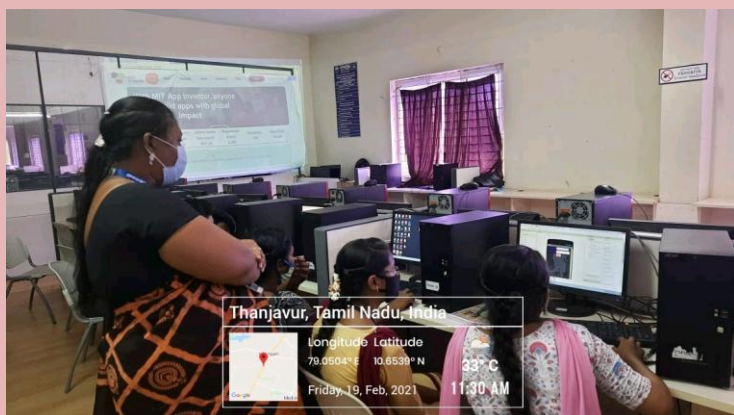
OUTCOME OF THE EVENT

At the end of session, the students would be able to,

- Understand the functions of Linux Commands
- understand the lab programs easily
- understand the concepts of OS
- develop the application using MIT appinventor
- develop mini project using MIT appinventor.

Ms.K.Abhirami AP/CSE explained the functionality of Linux Commands

Ms.R.Suganthalakshmi AP/CSE cleared the doubts

Bridge Course Coordinator   **HOD/CSE**   **PRINCIPAL**

(Ms.S.Puvaneswari AP/CSE)