Hope Foundation's
International Institute of Information Technology, Pune

Department of Computer Engineering

9th April, 2021

Name of the Event: Add-on Course

Name of Event Coordinator: Dr. Sandeep Patil

Date of the Event: 13thMarch, 2021 - 6th April, 2021 (25 Hrs Weekend Course)

Resource Person: Mr. Shashank Gaikwad, Business Analyst, Allscripts India LLP, Pune

Number of Participant - 43

Topic – Experimenting with aspects of DevOps

Objectives: Students will be able:

1. To understand the basics of DevOps

2. To explain the latest industrial trends in Docker.
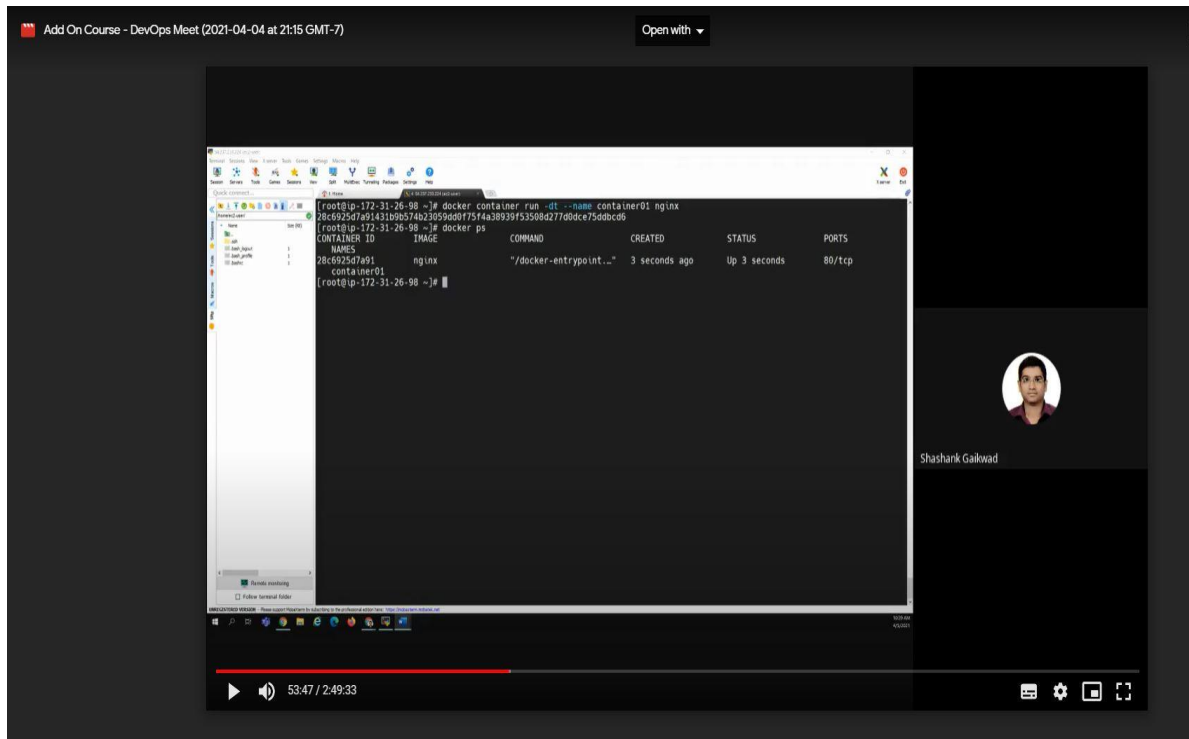
Outcomes: Student will be able:

1. To apply the knowledge of AWS and Linux for DevOps.

2. To execute aspects of the latest technologies in DevOps like Docker.

Summary of the Event:

The Computer Engineering Department had organized the 25 hrs duration add-on course on the topic "Experimenting with aspects of DevOps" for the AY 2020-21 Semester I on the week-ends.   This course is conducted by the Adjunct Faculty of the Computer Engineering Department, Mr. Shashank Gaikwad. He is working as the Business Analyst, Allscripts India LLP. As it is the course with no prerequisite required, he started with Fundamentals of AWS and Linux in the first few hours of the course. He explained the various topics like Docker related Linux Commands of the User Management, System Management, Software Management, Networking, Services, Process Management. Then he also covered the Docker Introduction, Installing Docker, Docker Image, Docker Container, Port Binding, Docker Policies, Docker File,

Instructions (COPY, ADD, EXPOSE) , Docker Healthcheck, Instructions (ENTRYPOINT, WORKDIR, ENV), Layers of Docker Image, Docker Registries. The students also are provided with the opportunity to execute the hands on the above-mentioned topics in the course duration. This course helped to bridge the gap between the industrial requirements and the academic contents.

Photograph:

Signature of the Coordinator

(Dr. Sandeep Patil)