

| Sr. No. of Event / Activity | Day/Date      | Year | Month | Time | Venue       | Description of Activity |
|-----------------------------|---------------|------|-------|------|-------------|-------------------------|
| 1                           | 12th Saturday | 2021 | June  | 5 PM | Google Meet | Introduction to Docker  |

**Details of participation in the event/activity**  
(Fill wherever is applicable or information is available. At least total need to fill)

| No of students / faculty | COMP | ETRX | EXTC | IT | MECH | Total no of participants |
|--------------------------|------|------|------|----|------|--------------------------|
| Day1                     | -    | -    | -    | -  | -    | 00                       |
| Day2                     | -    | -    | -    | -  | -    | -                        |

### Report of event/ activity

#### Event: Introduction to Docker

The final workshop by KJSCE CodeCell was Introduction to Docker. All the important concepts related to Docker like Images, Containers, Containers vs VMs were explained. The workshop started with why docker? The main reason is to ease the process of development no matter the system on which the project is running. The underlying architecture was explained. Once the basic theory of docker was done the hands-on section of the workshop started. For the hands-on session an online docker lab was used (<https://labs.play-with-docker.com/>) which would be convenient and useful for participants since their computer systems need not meet any hardware requirements nor do they need to go through the installation process of docker. The hands-on session started with explaining docker hub and then basic docker commands, networking in docker, port & volume mapping, dockerfile, docker compose etc. these topics were taught and practiced. The whole hands-on session was interactive where the participants were asked questions which they answered in the chat as well as they tried the commands on their systems as well. The whole workshop was conducted online smoothly on Google Meet where students from FY, SY and TY attended the workshop. The aim of the workshop was to get students introduced and started with docker in an online hands-on session within 2 hours which was achieved successfully.

## Sample Photographs of the Event/Activity

