



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

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Estd 1998



Report on

One-Day Hands-on workshop in the topic
"Primer on Containers and Microservices"

Organised by

Department of Artificial Intelligence MITS-IIC & ISTE



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE



Organizing

ONLINE WORKSHOP ON



Primer on Containers and Microservices



Resource Person

Dr. John Paul Martin

Assistant Professor

Indian Institute of Information Technology
Kottayam

**25th
July
2023**

Time : 4PM - 6PM

Chief Patron
Dr. N. Vijaya Bhaskar Choudary
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Dr. C. Yuvaraj
Principal

Convener
Dr. Vamsi Bandi
Asst. Professor, Dept. of AI

Co-chair
Dr. K. Chokkanathan
Assoc. Professor & HOD, Dept. of AI

Co-ordinator
Mr. Shahad P, Mr. Anand N
Asst. Professor, Dept. of AI

Submitted by: Mr. Shahad P, Mr. Anand N., Asst. Professors, Dept. of AI- MITS

Venue: Google Meet (Inauguration, Introduction), Play with Docker Platform

Submitted by: Mr. Shahad P, Mr. Anand N, Assistant Professors

Total Participants: 96 Students and 28 Faculty

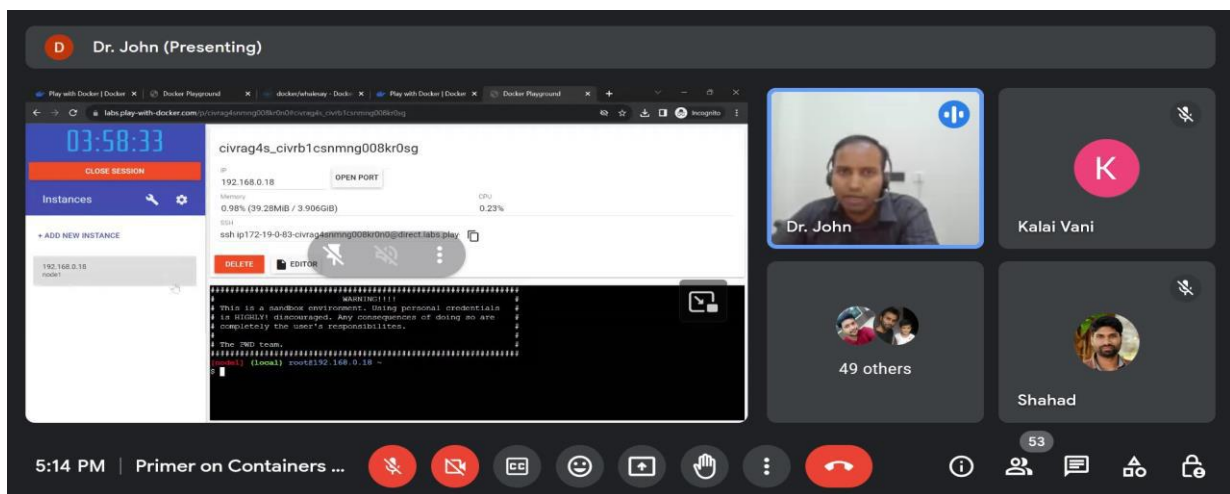
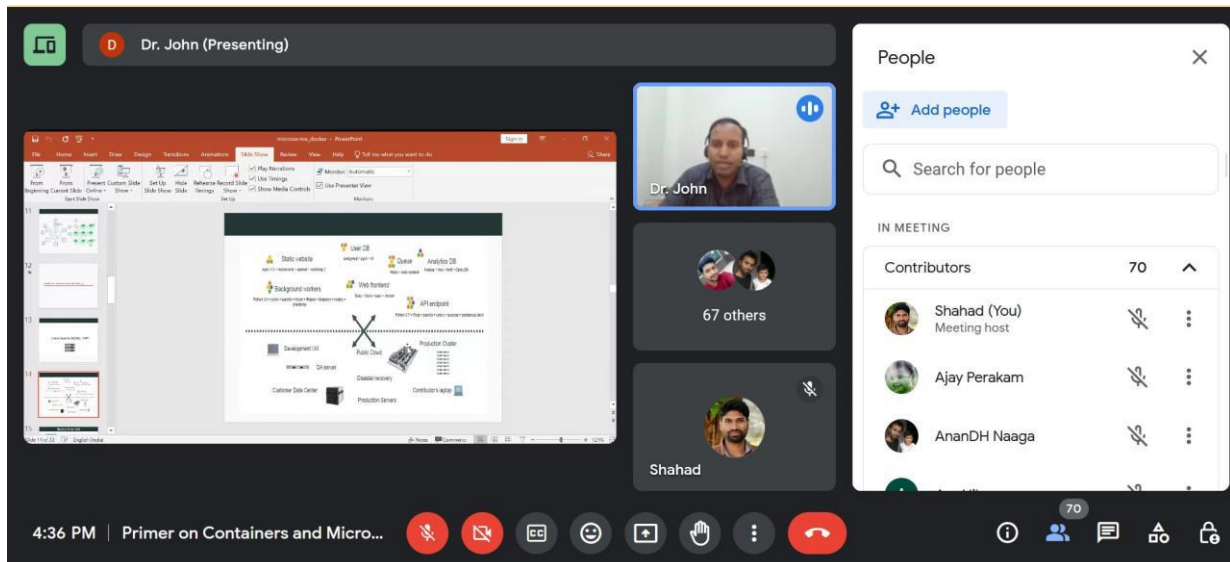
Resource Person: Mr. John Paul Martin, Assistant Professor, IIIT-Kottayam.

Department of Artificial Intelligence in association with Institutions Innovation council (IIC) and Indian Society of Technical Education (ISTE) at MITS organised one day workshop Titled " **Primer on Containers and Microservices** " through online mode on 25-07-2023.

The workshop started at 4.00 pm with 70 participants. The co-ordinator Mr. Shahad P welcomed the resource person and participants. Resource person has given the significance of the workshop for the students and faculty. The session is ended with vote of thanks by another event co-ordinator Mr. Anand N.

Resource person has given introduction and hands on session on the following topics:

1. Have given fundamentals of Cloud computing
2. Give an idea on Monolithic Service and Micro-services
3. Detailed about Container Visualization Technology
4. Docker in DevOps and Virtual Machines.



Outcome of the workshop:

The Participants practiced in workshop got an idea of new topic like containers and Microservices. The topic was new for more than 90% of the participants as per their feedback. After this session they got some insights on containers and microservices. The resource person has demonstrated the usage of containers through play with Docker website. Definitely that will increase the confidence of participants to use the such technology. Participants got motivation in terms of studying DevOps, Containers and Micro-Services. The response and feedback were good and they recommended to conduct the same as one day offline workshop in the near future. The session was ended with thanking the MITs management for the opportunity given.