



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A Report of FDP
On
“Container Orchestration and Automation in
Software Development Using Kubernetes and Openshift”

Organized by
Rajasthan Technical University, Kota &
Department of Information Technology,
Poornima College of Engineering, Jaipur
(September 21-23, 2020)

Under TEQIP-III Program

Venue: Online Mode

Coordinated by
Sandeep Bhargava



SESSION: 2020-21


Dr. Mahesh Bunde
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

DEPARTMENT OF INFORMATION TECHNOLOGY
POORNIMA COLLEGE OF ENGINEERING, JAIPUR

1. FDP POSTER

RTU (ATU) TEQIP-III sponsored
3 Days Faculty Development Programme
on
“Container Orchestration and Automation in Software
Development Using Kubernetes and Openshift”
September 21-23, 2020
Rajasthan Technical University, Kota &
Department of Information Technology, Poornima College of Engineering
Cordially invite you to Inaugural Session

Resource Persons

Name	Position
Prof. R. A. Gupta	Chief Guest Hon'ble Vice Chancellor RTU Kota
Prof. Dharendra Mathur	Guest of Honour TEQIP Coordinator RTU Kota
Dr. Mahesh M. Bundeale	Director & Principal PCE, Jaipur
Ar. Rahul Singhi	Director Poornima Group
Dr. Harish Sharma	Professor RTU Event Coordinator
Mr. Amol Saxena	Head of Department, IT, PCE
Dr. Sandeep Bhargava	Assistant Professor Host Institute Event Coordinator
Dr. Sumit Kalra	Assistant Professor IIT Jodhpur
Mr. Ashutosh Singh	Founder Adhok Network Pvt. Ltd
Mr. Shubham Katara	Sr Corporate Trainer & Consultant NIT, Dublin, Ireland
Mr. Deepak Chhikara	Sr. Developer Blackbox Ltd
Mr. Mayank	Corporate Trainer Adhok Network Ltd

Day Date : Monday, September 21, 2020 • Time: 9.30 am onward

To join the Inaugural Session on
 Google Meet

RSVP
Dr. Harish Sharma (RTU, Event Coordinator) Dr. Sandeep Bhargava (Host Institute Coordinator)

2. BRIEF BIODATA OF RESOURCE PERSON

A. Dr. Sumit Kalra

- Assistant Professor, IIT Jodhpur, Rajasthan
- Email ID: sumitk@iitj.ac.in

B. Mr. Ashutoshh Singh

- HOD, Department of Information Technology
- Email ID: amolsaxena@poornima.org

C. Mr Shubham Katara ,

- Coordinator & Faculty in Department of Information Technology
- Email ID: sandeep.bhargava@poornima.org

D. . Mr Deepak Chikkara ,

- i. Coordinator & Faculty in Department of Information Technology
- ii. Email ID: sandeep.bhargava@poornima.org

E. Mr Mayank Modi ,

- i. Coordinator & Faculty in Department of Information Technology
- ii. Email ID: sandeep.bhargava@poornima.org

3. ABSTRACT OF THE FDP

Department of Information Technology, Poornima College of Engineering, Jaipur, organized three days International Level FDP on “**Container Orchestration and Automation In Software Development Using Kubernetes and Openshift**”, on September 21-23, 2020 from 10.00 AM- 3:00 PM. FDP was conducted through the online Session on Google Meet.

The main objective of this FDP was to equip faculties with skills and knowledge in automating deployment, scaling, and management of containerized applications, this is essential for inculcating learning values in students and guiding & monitoring their progress towards their career. To prepare the faculties for creating interest towards , scaling, and management of containerized applications using kubernetes and openshift and also familiarize the students with the practical aspects of this technologies.

The experts were invited from IIT’s and Industry to elaborate the concepts of Container, orchestrator and namespaces, multi tier web app application deployment on Kubernetes, Deploying multi tier application on Kubernetes, CI-CD Pipelines using jenkins so on.

67 participants attended this FDP. This FDP was a good opportunity of effective learning for all the faculty members. E-Certificates were provided to the participants on successful completion of fdp.

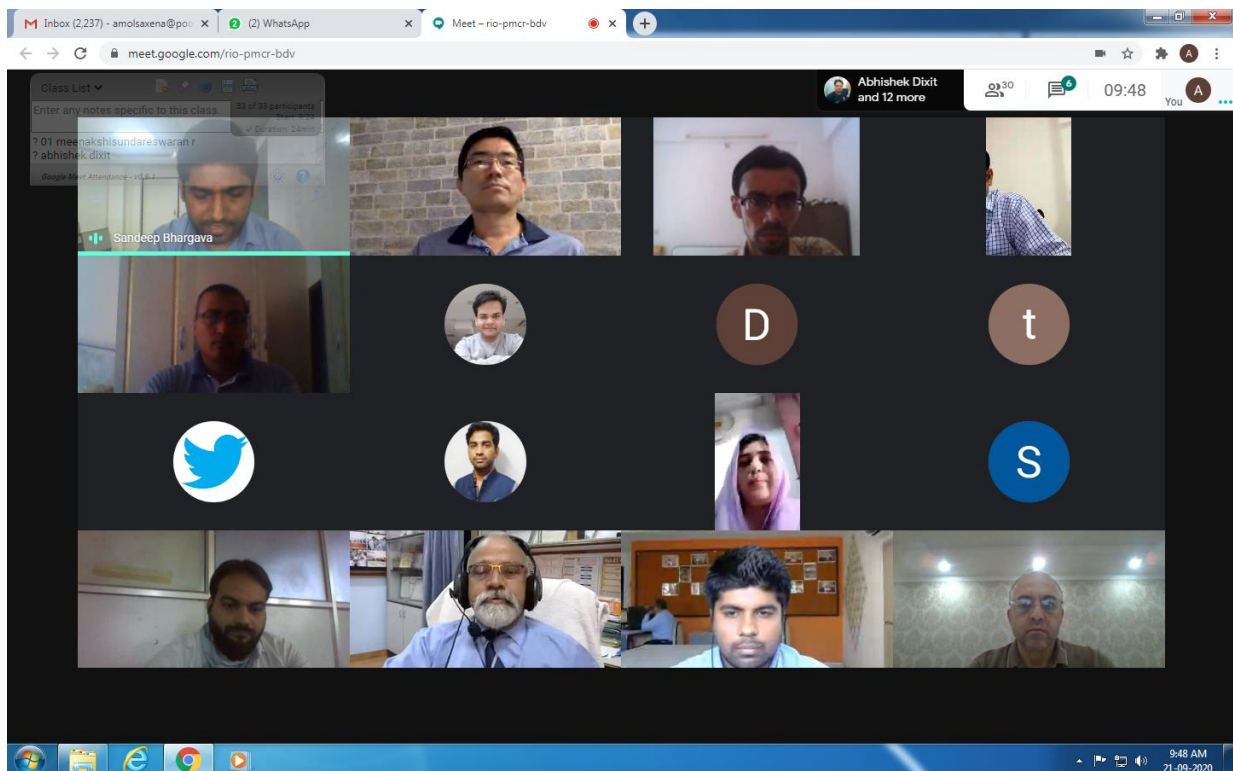
4. INAUGURAL SESSION

The esteemed personalities present on the inauguration of the programme:

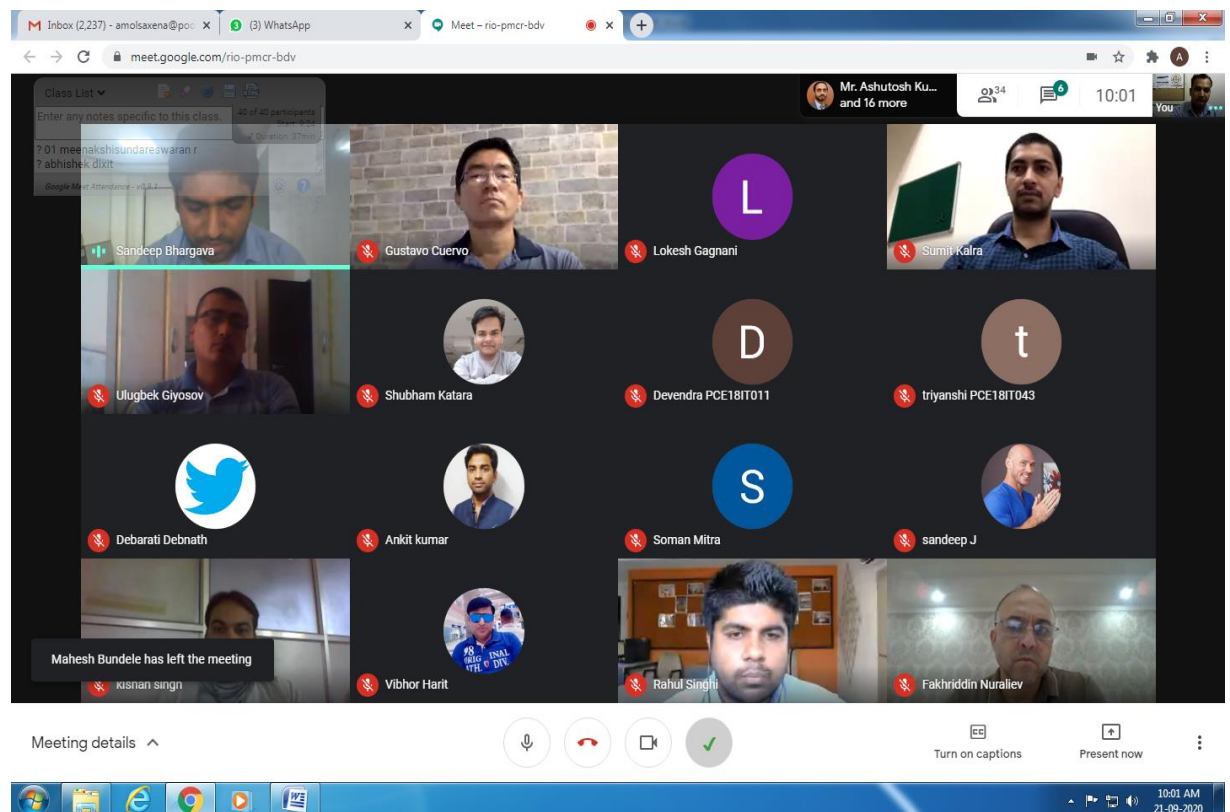
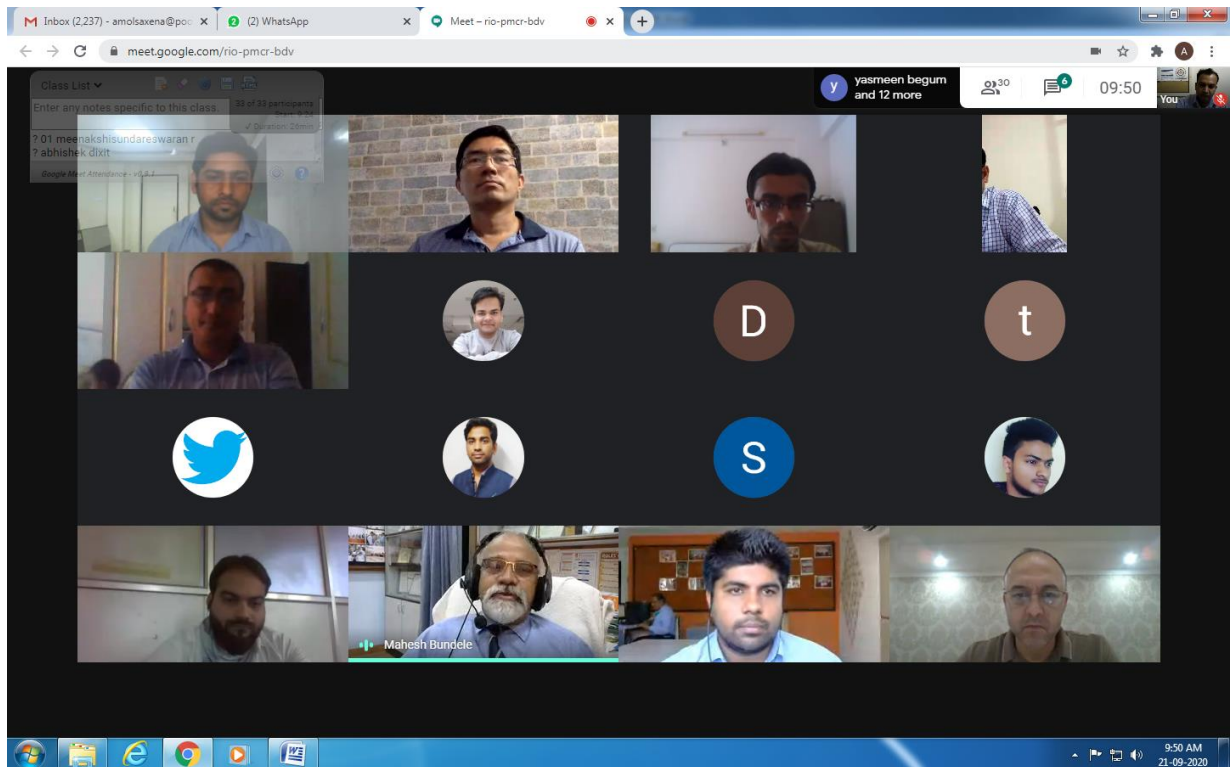
- **Prof. (Dr.) R.A. Gupta** , Hon’ble Vice Chancellor , RTU Kota (**ChiefGuest**)
- **Ar. Rahul Singhi**, Director, Poornima Group
- **Dr. Mahesh Bunde**, Director & Principal, Poornima College of Engineering,Jaipur
- **Mr. Amol Saxena**, HOD,IT, PCE
- **Sandeep Bhargava**, Event Coordinator, PCE

Mr. Sandeep Bhargava, Event Coordinator, PCE, welcomed all the respected dignitaries and participants. Prof.(Dr.) Mahesh Bunde, Director & Principal of PCE appreciated the program organized by ECE dept in his speech and emphasized the benefits of such kind of resourceful activity. Ar. Rahul Singhi, Director, Poornima Group also encouraged for such activities. At last vote of thanks was delivered by Mr. Amol Saxena. HOD,IT, PCE

5. GLIMPSE OF INAUGRAL CEREMONY



FDP- “Container Orchestration and Automation In Software Development Using Kubernetes and Openshift”



6. LIST OF PARTICIPANTS

S.No.	Name	Organization
1	Mr. Satpal Singh	Manipal University Jaipur
2	Mr. Amit Kumar Jha	Poornima College Of Engineering, Jaipur
3	Mrs. Deepika Sharma	Manipal University Jaipur
4	Mr. Amit Kumar Jain	Poornima College Of Engineering, Jaipur
5	Mr. Manish Dubey	Poornima College Of Engineering, Jaipur
6	Ms. Bhawana Sharma	Manipal University Jaipur
7	Mr. Kalpit Jain	Poornima College Of Engineering, Jaipur
8	Mr Manoj R	Manipal University Jaipur
9	Mr. Satpal Singh Kushwaha	Manipal University Jaipur
10	Mr.Devender Kumar Dhaked	Rajasthan College Of Engineering For Women
11	Ms. Seeta Gupta	Poornima College Of Engineering, Jaipur
12	Mr. Prashant Hemrajani	Manipal University Jaipur
13	Mr. Anil Kumar	BSNL Jaipur
14	Ms. Reena Sharma	Poornima College Of Engineering, Jaipur
15	Ms. Richa Singh	Pranveer Singh Institute Of Technology, Kanpur
16	Mr. Amit Kumar Bairwa	Manipal University Jaipur
17	Mr. Ankit Saxena	Invertis University
18	Mr. Uttam Sharma	BSNL Jaipur
19	Mr. Ashok Kumar Kumawat	Manipal University Jaipur
20	Vineeta Soni	Manipal University Jaipur
21	Dr. Lokesh Sharma	Manipal University Jaipur
22	Mr. Prem Kumar Bhaskar	Lord Buddha Education Foundation, Kathmandu, Nepal
23	Mr. Shamneesh Sharma	Poornima University, Jaipur, Rajasthan, India
24	Er. Dharmveer Yadav	Zone Tech The Institute Of Engineers
25	Ms. Khushi Yadav	Shivam ITI Pvt. Ltd.
26	Er. Sandeep Kumar Bothra	S. S. Jain Subodh P. G. (Autonomous) College, Jaipur
27	Ms. Neha Sharma	Poornima University
28	Mr. Suyog Pandurang Mahajan	Maharashtra Institute Of Technology, Aurangabad
29	Dr. Sunita Gupta	SKIT, Jaipur
30	Mr. Honey Gocher	Amity University Rajasthan