

# Event Report

## Webinar On "Kubernetes"

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**Venue:** Google Meet

**Date:** 10/07/2020

- Conducted By: **Dept. of Computer Science and Engineering and Information Technology**
- Convener Name: **Dr. Raji C.G, Head of the Department**
- Convener Contact: +91 9446170854
- Coordinators Name: **Thasleena V A**
- Coordinators Contact : +91 9946016262

# Program Brief

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Department of computer science and Information Technology in association with MEA Fee Open Source System (MEAFOSS) organized one hour Webinar on “**Kubernetes**” on **10<sup>th</sup> July 2020**. The session was handled by **Mr. Janraj C.J.** Principal Software Engineer, Citrix, Bangalore. The session was exclusively for Computer Science and IT students.

Kubernetes (K8s) is an open-source system for automating deployment, scaling, and management of containerized applications. It groups containers that make up an application into logical units for easy management and discovery. Kubernetes builds

The session started with an introduction about Kubernete of network and continued with explanations and importance of it. Mentor talked about the security breaches and especially the penetration of attackers. Kubernet is an emerging technology nowadays. Little bit training also introduced to participants along with the working and necessity of its usage. Then the session started at 3.00 PM. The inaugural session also saw the presence of the Professor in CSE and Head of Department of Information Technology (In charge), **Dr.Raji C.G** and Dean of Academics, **Prof. Sreeram S.**

The students were given many opportunities for making a training model for Docker so as to see how Artificial intelligence works on the basis of Data labeling of images. This was truly based on the principles of Deep leaning. He then showed a demo of how an AI training model helps in distinguishing two distinct objects using Tensorflow and Docker.

It was a very interactive workshop as students asked many doubts from the resource person and had a good feedback among them. The workshop concluded at 4:00pm with a Vote of Thanks by **Mr. MOHAMED FAWAD IMTHIYAZ** who is a member of the committee in Deep Learning Enthusiast | Chairperson, Computer Society SBC, IEEE MEA SB | IBA | IEEE Xtreme 14.0 Ambassador.

## Coordinators

1. Thasleena V A , Assistant Professor
2. Mohammed Fawad Imthiyaz S6 CS2
3. Ebrahim Badusha S6 IT

# Profile of Chief Guest / Resource Person

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Name of Guest / Resource Person	<b>Mr. Janraj C J</b>
Designation	Principal Software Engineer,
Company Name	Citrix, Bangalore
Location	Banglore, Karnadaka

**SUBMITTED**

7<sup>th</sup> July 2020

To

**The Head of the Department**

**IT Department and CSE Department**

MEA Engineering College, Perinthalmanna

Sub: **Request to conduct webinar on “Kubernetes”**

Sir,

Our departments wish to conduct a one hour **Webinar on “Kubernetes”** under the CSE and IT Departments in Association with MEAFOSS at Google Meet, for the students of CSE and IT Students of our department.

So kindly request you to give permission for the conducting the program

Yours Faithfully,

**Thasleena V A**, Assistant Professor

MEA FOSS COORDINATOR

# Budget of the Program

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SI No	Item	Description	Estimate Amount
1	Guest	Remuneration	0
2	Guest	TA	0
3	Certificates	0	0
4	Tea Snacks	0	0
5	Food	Lunch	0
6	Printing	0	0
7	Miscellaneous	0	0
Total			0

## Bills and Proofs

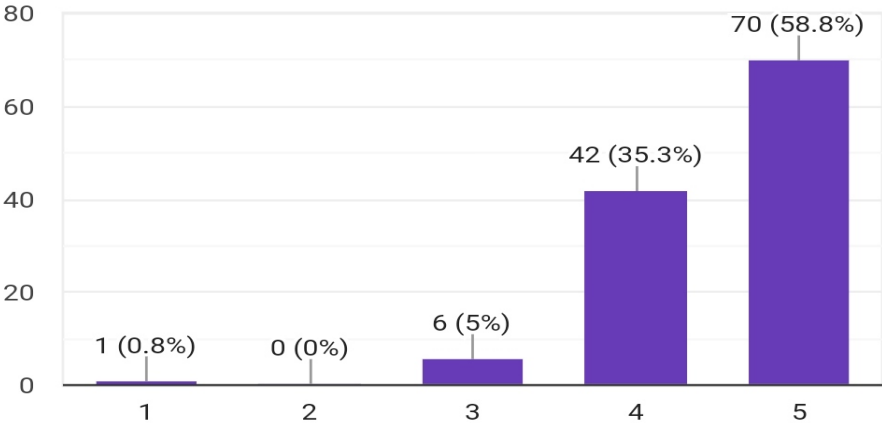
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SI No	Item	Bill Number / Date	Amount
1	Guest	NIL	NIL
2	Guest	NIL	NIL
3	Certificates	NIL	NIL
4	Tea Snacks	NIL	NIL
5	Food	NIL	NIL
6	Printing	NIL	NIL
7	Miscellaneous	NIL	NIL
Total			0

# Feedback about the Program -Sample

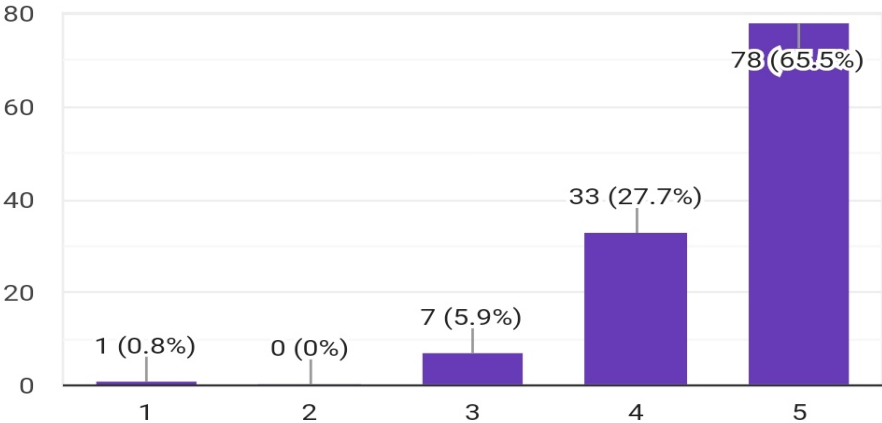
## Rate the session

119 responses



## Rate the presenter

119 responses





# Participants Details

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- Participants : Students, Faculties
- Total Number of Participants : 120
- Venue : Google Meet online platform
- Time : 3 PM – 4 PM

# Photographs

10

## What is Kubernetes ?

- A Kubernetes cluster consists of two types of resources:
  - The **Master** coordinates the cluster
  - **Nodes** are the workers that run applications

Cluster Diagram

Kubernetes cluster

<https://www.chorusio.com>

7/10/20

Webinar on KUBERNETES

## Checklist

SI No	Description	Comment / Tick
1	Program Brief	X
2	Profile of Chief Guest / Resource Person	X
3	Request to Conduct the Program	X
4	Budget of the Program	X
5	Bills and Proofs	X
6	Feedback about the Program	X
7	Participants Details	X
8	Photographs	X

### Attachments

- Participants list
- Feedback form-sample