Application

Ref: AVCOE/Comp/2021-22/ 565

Date: 11/05/22

To,

The Principal,

AVCOE,

Sangamner.

Sub: Permission to Organize Webinar on "Docker and Virtualization".

Respected sir,

Department of Computer Engineering under ESDS Cloud Computing Excellence center, would like to organize Webinar on **"Docker and Virtualization"**, on 15th May 2022 for T.E. & B.E. Computer engineering students via Microsoft Team Platform.

For the same we are having Resource Person **Mr. Sagar Mohalkar (Devops Engineer, Harmon International, Pune)**

Kindly permit for the same.

Thanking you.

Your's truly

Dr.S.K.Sonkar
Asst. Prof.
Comp.Engg.Dept.,

Res/Sir,
Please permit.
11/5/22
(Pailomo R.L)

Permitted.
f Actg
(Prof. Deishra)
11-05-2022 at 03:35PM.

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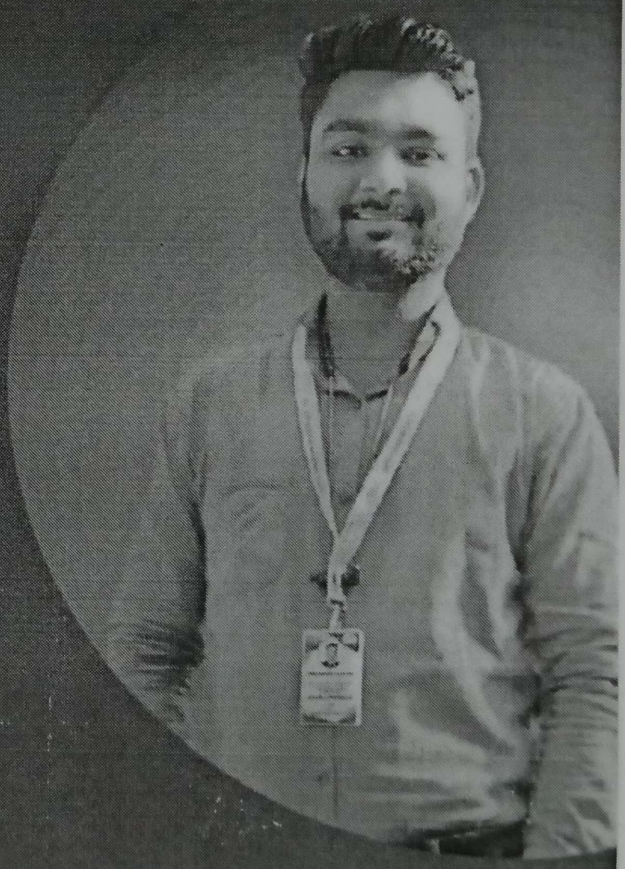
AMRUTVAHINI SHETI AND SHIKSHAN VIKAS SANSTHA

AMRUTVAHINI COLLEGE OF ENGINEERING SANGAMNER

DEPARTMENT OF COMPUTER ENGINEERING

LIVE Webinar

"Docker & Virtualization"



Resource Person

Mr. Sagar Mohalkar

DevOps Engineer,
Harman International, Pune.

SUN DAY	MAY 15	09 AM

Dr. S.K.Sonkar / Prof. P.D.Walunj
Coordinator

Prof. R. L. Paikrao
H.O.D. Computer Dept.

Dr. M. A. Venkatesh
Principal

Mr. A. B. Shinde
Chief Executive Officer

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AMRUTVAHINI COLLEGE OF ENIGNEERING, SANGAMNER

COMPUTER ENGINEERING DEPARTMENT

Organizes

Online Webinar on

"Docker and Virtualization"

Program Schedule

DATE TIME	EVENT DETAILS	TIME
Date: (15/05/2022)		
09:000 AM TO 09:02 AM	Introduction and Preamble to Program	02 minutes
09:03 AM TO 09:06 AM	Welcome-HOD Preamble	03 minutes
09:07 AM TO 09:12 AM	Principal Speech	05 minutes
09:13 AM TO 09:15 AM	Introduction to Chief Guest	02 minutes
09:16 AM TO 12:00 PM	Session by Resource Person	165 minutes
12:00 PM TO 12:05PM	Vote of thanks	05 minutes
	Total Time	185 minute

Dr.S.K.Sonkar/Prof.P.D.Walunj
Program Coordinator

Prof.R.L.Paikrao
HOD-Comp.Engg.

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CAREER OBJECTIVE

"Over the years, I have gained a wide-ranging set of skills, qualities and attributes that, I believe, make me a competent, supportive, professional and flexible DevOps Engineer...

PROFESSIONAL EXPERIENCE

DevOps Engineer
Harman Connected Service | Jun 2021–Present

- Creating/deploying the applications using spinnaker and argocd in Kubernetes clusters which is in aws,azure and gcp.
- Creating and integrating application jobs in jenkins to automate the tasks.
- Working in Kubernetes to solve the daily issues, creation/updation of Kubernetes cronjob, updating the helm chart of the application as per requirement.
- Involved in various task such as migration from one cloud to another cloud platform, new innovative tasks, any infra related issue.
- Working in aws,azure, gcp cloud platform. In these working in Kubernetes cluster services, ec2 instance, storage, subnets, VPC...etc.
- Working and solving issues of the various scripts which are used in to automate the daily tasks.
- Working in the grafana, thanos, Prometheus, data dog stack driver...etc. monitoring applications.
- Working and solving the monitoring application related issues such as increase the resources for monitoring application and clusters(ram,cpu,memory,external storage like PVC in azure cloud), integrating the new query's and metrics in monitoring application.

Jr. Technical Associate
ESDS Software Solutions Pvt. Ltd. | Jun2019–jun 2021

- Creation & deployment of virtual machines virtualization platforms like Hyper-V and VMware. ¬ Hands on experience to install and configure various Linux/Unix OS flavors like RHEL, Centos, Ubuntu.
- Windows server installation and configuration. ¬ Managing LVM Storage.

CONTACT

Address
Jamkhed, A. Nagar, India 413205
Phone
(+91) 9860970677/9518913391
Email
sagarmohalkar25@gmail.com
LinkedIn
www.linkedin.com/in/sagarmohalkar007

SKILLS

Kubernetes
AWS,GCP,Azure
Linux/Unix
Spinnaker,ArgoCD,Jenkins
Terraform, ansible
Grafana, datadog
Prometheus And Thanos
R1softBackup
Python and Bash scripting
Networking
Github

ACHIEVEMENTS

Top Performer award in 2020

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- Administrating remote systems using SSH,Telnet. ¬ Ability to solve basic networking issues.
- Resolving of abuse complaints like Phishing, copyright, Email spamming etc.
- Management of clients dedicated servers using IPMI.
- Configure monitoring of servers and defining various alerts like Ping Offline, HTTP offline, CPU and HDD high usage, MySQL offline etc.
- Monitors systems to ensure platforms are available in accordance with Service Level Agreements (SLAs)
- Migration of Virtual machines with and without storage from one host to another.
- Installation of backup agents like R1Soft on servers also configuration of backup jobs as per clients requirement.
- Knowledge and understanding of Audit the backup server and shared server
- Managing and resolving clients backup related issue(r1soft backup)

CERTIFICATIONS

AWS Solutions Associate Architect

RHCSA (Red Hat Enterprise Linux 7)

Red Hat Linux Automation with Ansible-RH294 (Training Completed)

RHCE(Training Completed)

EDUCATION

BE Computer Engineering : *Completed from Amrutvahini College of Engineering, Sangamner With 6.71 CGPA (2019)*

HSC: *Completed from M.G. Junior College, Karjat. With 64.31% (2015)*

SSC : *Completed from K.A.J. Vidyalay, Karmala With 67.60 % (2013)*

DECLARATION

I hereby declare that all furnished information is true and correct to the best of my knowledge and belief.

Date:

Place:

Sagar Arun Mohalkar

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Amrutvahini College of Engineering, Sangamner

COMPUTER ENGINEERING DEPARTMENT

Date: 16/05/2022

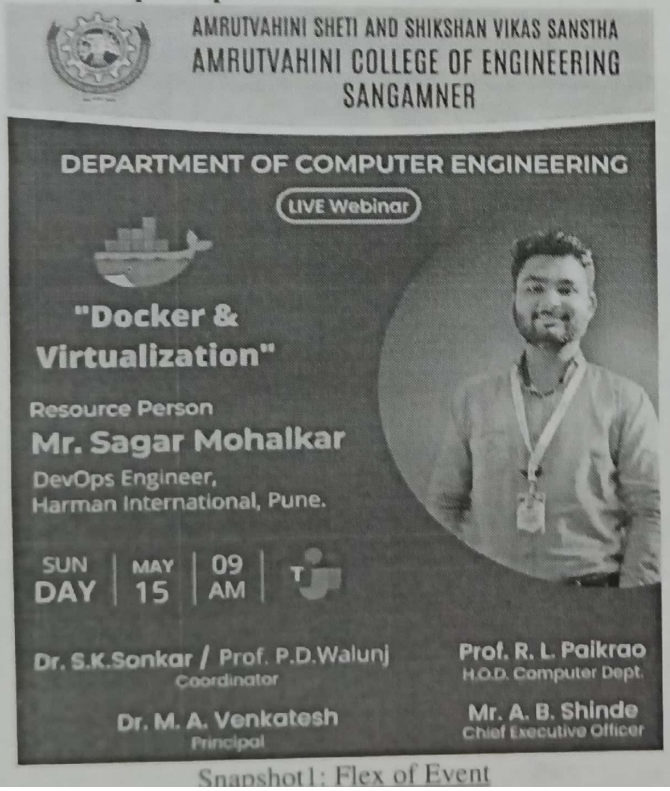
Webinar Report

Date: 15th May. 2022
Class: T.E.B.E. Students
Topic: Webinar on "Docker and Virtualization".
Resource Person: Mr. Sagar Mohalkar-DevOps Engineer-Harmon International Pune,
Organized By: Dr. S.K. Sonkar, and Prof.P.D.Walunj.
Total no. of Student Participant: 136
Total no. o Faculty Participant: (03)
Objective: Learn Basic Concepts of Cloud Computing.
To learn Benefits of Docker Services.
To learn different advantages of Virtualization.

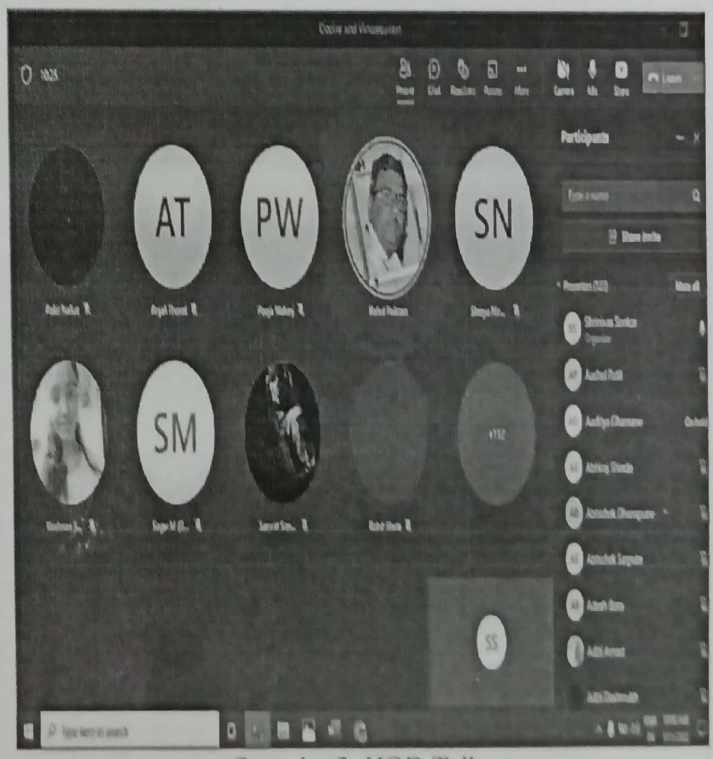
Webinar Content:

Basic Concepts of cloud Computing, Importance of Virtualization, Types of Virtualization, Introduction to Docker, uses of Docker, Docker Architecture, Docker Daemon, Docker Client, Docker Desktop, Docker Registries, Docker Objects, Containers, Docker run Command, Installation of Docker.

Workshop Snapshots:



Snapshot1: Flex of Event



Snapshot2: HOD Talk

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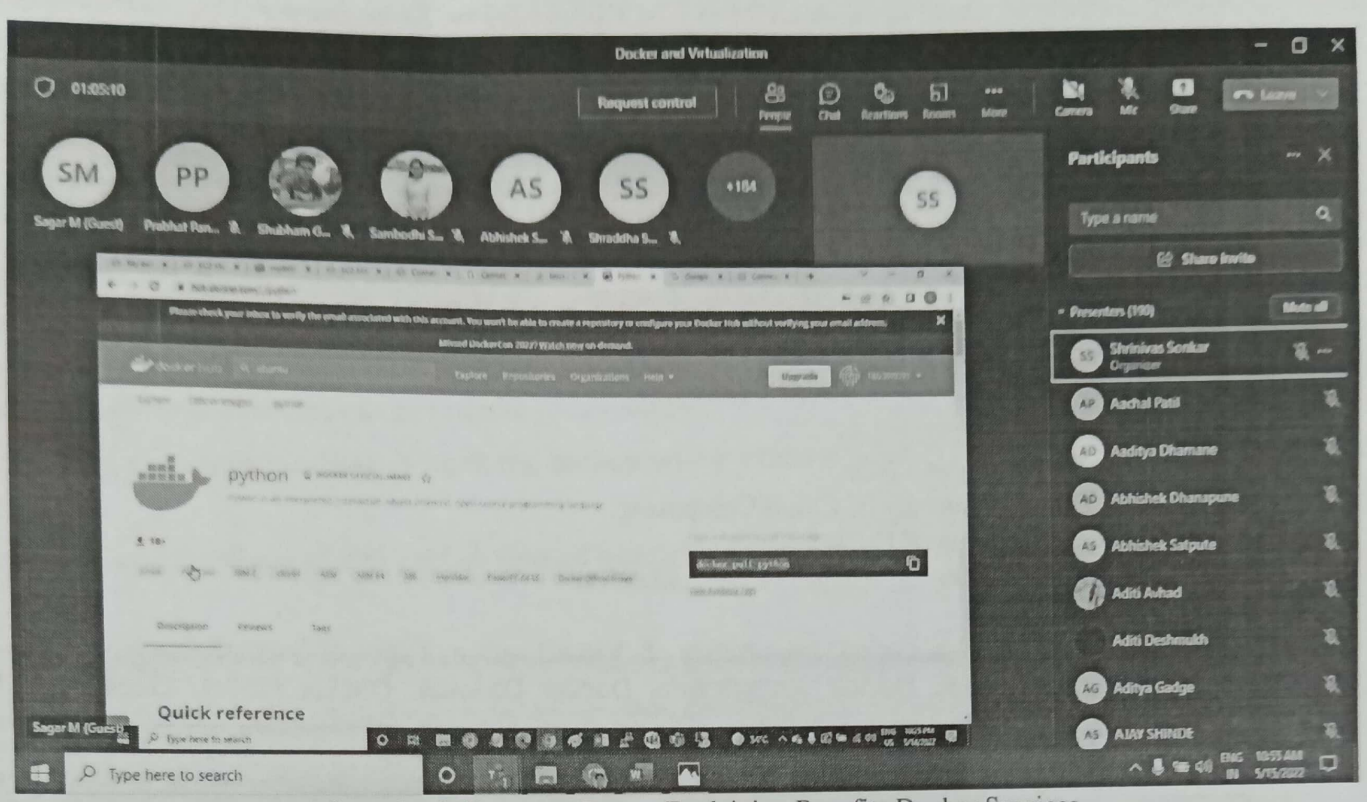
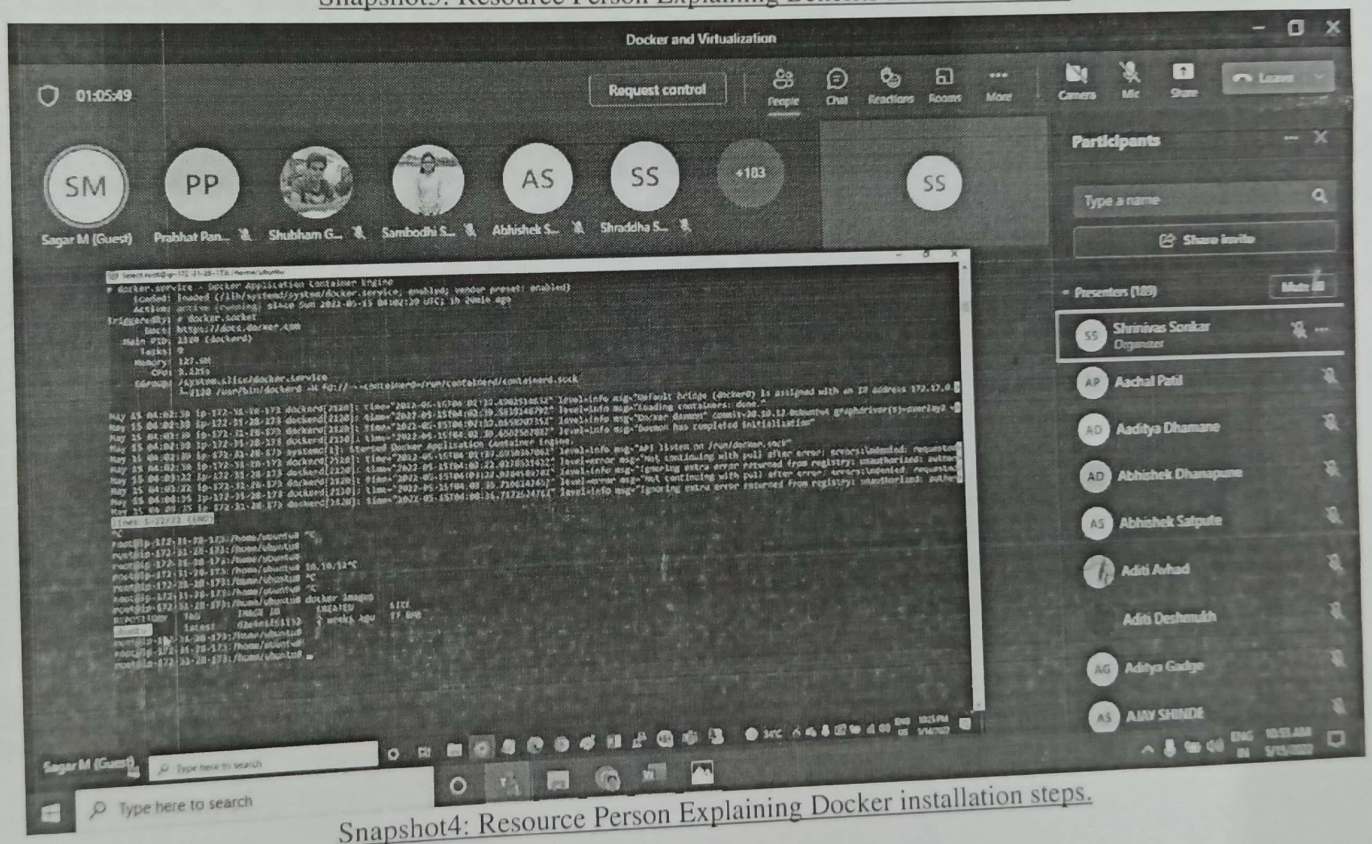


Snapshot3: Resource Person Explaining Benefits Docker Services



Snapshot4: Resource Person Explaining Docker installation steps.

Dr.S.K.Sonkar/Prof.P.D.Walunj
Program Coordinators

Prof.R.L.Paikrao
Head of Department

HEAD OF THE DEPARTMENT
(COMPUTER ENGINEERING)
ABHIJUTVAHINI COLLEGE OF ENGINEERING
SANGAMNER - 422608

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Amrutvahini College of Engineering, Sangamner

Computer Engineering Department

Webinar on "Docker and Virtualization"

Attendance Sheet: Date:15/05/2022

Sr.No.	Full Name	Sr.No.	Full Name	Sr.No.	Full Name
1	Rahul Paikrao	31	Atharva Hase	61	Nikita Walve
2	Shrinivas sonkar	32	Atharva Murumkar	62	Nitin Mhaske
3	Pooja Walunj	33	Ayush Sonawane	63	Oshin Sharma
4	Aachal Patil	34	Batwal Shravani Sharad	64	Pallavi Shingote
5	Aaditya Dhamane	35	Bhakti Belhekar	65	Parag Gujarathi
6	Abhiraj Shinde	36	Bhushan Dhage	66	Phapale Apeksha Rajaram
7	Abhishek Dhanapune	37	Dahatonde Pooja Vikas	67	Pooja jain
8	Abhishek Satpute	38	Deokate Rutuja Vijaykumar	68	Pooja Urmude
9	Adesh Bora	39	Dipashri Shinde	69	Pooja Warghude
10	Aditi Avhad	40	Dnyaneshwar Tamnar	70	Prabhat Pandey
11	Aditi Deshmukh	41	Gade Sheetal Kailas	71	Pradnya Khamkar
12	Aditi Mandawade	42	Ganesh Gopale	72	Pranit Shinde
13	Aditya Gadge	43	Gaurav Kedar	73	Prasad Gosavi
14	Aditya Khatode	44	Gauri Gunwant	74	Prathmesh Joshi
15	Aditya Rahane	45	Gorakh Wagh	75	Pratikaha Varpe
16	AJAY SHINDE	46	Harish Jadhav	76	Priyanka Kangane
17	Akshata Rane	47	Ishwari Wakchaure	77	Priyanka Lokhande
18	Akshay Pathak	48	Kakade Tejal Nivrutti	78	Priyanka Pote
19	Amruta Kashid	49	Kalaskar Dhanashri Sunil	79	Rahul Dange
20	Amruta Kolhe	50	Kandekar Kajal Ashok	80	Rahul Dube
21	Anal Ambare	51	Ketan Raul	81	Rohit Shete
22	Aniket Karpe	52	KIRAN GHUGE	82	Rushikesh Dube
23	Aniket Zaware	53	Kiran Ibitkar	83	Rushikesh Kalekar
24	Anjali Thorat	54	Mahesh Chavan	84	Rushikesh pawar
25	Ankit Nalkar	55	Masuri Riza Ejazkhan	85	Rutuja Varpe
26	Anushka Baviskar	56	Mengal Puja Vijay	86	Sagar Jadhav
27	Anushri Thorat	57	Mhaesh Lokande	87	Sagar Waghmare
28	Arati Mohite	58	Nandre Kaveri Bhaskar	88	Sakshi Ambre
29	Arati Rahane	59	Neeta Rahane	89	Saloni Deshmukh
30	Ashwini Kachhwa	60	Nikhil Bawake	90	Saloni Naikwadi

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Sr.No.	Full Name	Sr.No.	Full Name	Sr.No.	Full Name
91	Samadhan Turakane	121	Suyog Kadhane		
92	Sambodhi Shinde	122	swami dube		
93	Samiksha Shirsath	123	Swarangi Wakchaure		
94	Samir Aher	124	Swati Bagad		
95	Sampada Joshi	125	Tejas Gosavi		
96	Samrat Sonawane	126	Usha Jedgule		
97	samruddhi talekar	127	Vaishnavi Borse		
98	Sandip Ambre	128	Vaishnavi Satpute		
99	Sarika Fatangare	129	Varada Rekhi		
100	Saurabh Dhage	130	Vedeshwari Raut		
101	Saurabh Gunjal	131	Vidya Khose		
102	Shankar Ghoderao	132	Vikas Dighe		
103	Shital Aher	133	Viral Jain		
104	Shivani Chaudhari	134	Vishal Mahale		
105	Shivdeep Ambre	135	Vishal Wandekar		
106	Shivraj Kolpe	136	Weljali Komal Santosh		
107	Shraddha Shinde	137	Yash Takte		
108	Shreesh Singh	138	Yash Walunj		
109	Shreya Nirmal	139	Yogeshwar Ghule		
110	Shreyas Kanawade				
111	Shreyas Waphare				
112	Shrikande Rupali Madhav				
113	Shruti Kakad				
114	Shubham Ghuge				
115	Shubham Laware				
116	snehal sonawane				
117	Sonali Kahandal				
118	Sonam Dinesh Mapari				
119	Sunil Sonwane				
120	Suyash Jadhav				

Dr.S.K.Sonkar/Prof.P.D.Walunj
Program Coordinators

Prof.R.L.Paikrao
Head of Department

HEAD OF THE DEPARTMENT
(COMPUTER ENGINEERING)
AMRUTVAHINI COLLEGE OF ENGINEERING
SANGAMNER - 422608

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Amrutvahini Sheti & Shikshan Vikas Sanstha's
Amrutvahini College of Engineering, Sangamner
Estd. 1983

- Approved by AICTE, New Delhi
- Accredited three times by NBA, New Delhi
- "A" Grade by NAAC
- Affiliated to Savitribai Phule Pune University
- "A" Grade by DTE, Govt. of Maharashtra
- An ISO 9001 : 2008 Certified

Best Engineering College (Professional-Rural) Award by Savitribai Phule Pune University

Ref: AVCOE/Comp/2021-22/565

Date: 16/05/2022

CERTIFICATE

This is to certify that" **Mr. Sagar Mohalkar**", DevOps Engineering, Harmon International Pune , has conducted Webinar on **"Dockers and Virtualization"**, for T.E. & B.E. Computer Engg. Students on Sunday, 15/05/2022.

We are thankful to him for conducting Webinar and giving his valuable Knowledge to our students.

Dr.M.A.Venkatesh
Principal

PRINCIPAL
Amrutvahini College of Engg.
SANGAMNER- 422608
Dist. Ahmednagar (M.S.)

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