

Application

Ref: AVCOE/Comp/2020-21/102✓

Date: 28/05/21

To,
The Principal,
AVCOE,
Sangamner.

Sub: Permission to Organize Webinar on "Future Trends in Cloud Computing".

Respected sir,

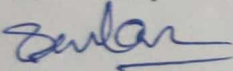
Department of Computer Engineering under ESDS Cloud Computing Excellence center, would like to organize Webinar on "Future Trends in Cloud Computing", on 31st May 2021.

For the same we are having Resource Person **Mr. Rahul Chaudhari (Technical Architect – Product Development-Harmon International Pvt.Ltd. Pune).**

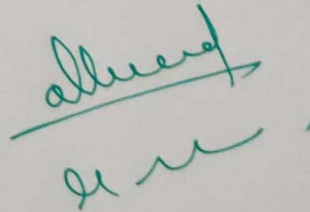
Kindly permit for the same.

Thanking you.

Your's truly



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





AMRUTVAHINI SHETI AND SHIKSHAN VIKAS SANSTHA
AMRUTVAHINI COLLEGE OF ENGINEERING
SANGAMNER

DEPARTMENT OF COMPUTER ENGINEERING

LIVE Webinar

"Future Trends in Cloud Computing"



Mr. Rahul Chaudhri

Technical Architect- Product Development,
Harman International Pvt. Ltd, Pune

MONDAY

31st MAY

10 AM



Dr. S.K.Sonkar / Prof. S.A.Thanekar
Coordinator

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

Dr. M. A. Venkatesh
Principal

Mr. A. B. Shinde
Chief Executive Officer

Rahul Chaudhari

DEVOPS/SRE MANAGER

Email id – rahul_chaudhari02@yahoo.com

Mobile no - +91 9561098569

Professional Profile

Highly driven SRE | DevOps professional with experience in providing technical leadership for Infrastructure, Scalability and Performance. 12 years of diversified experience as a Developer, Ops and SRE with a passion for managing teams and relationships to foster business.

Qualification

• SRE Evangelist	• Cloud Computing (AWS/GCP)
• Leadership	• Release Engineering Automation
• Strong Communication Skills	• Cloud Cost Optimization
• Scaled Agile Software Development	• Java Programming

Summary

- Understand Business requirements and design highly available, scalable and cost-efficient solutions leveraging AWS/GCP cloud services.
- Manage a DevOps team of 25+ members, that automates the build and deployment process in a hybrid cloud env (AWS/GCP/Azure).
- Experience of leading a Java product development and delivery team.
- Deep experience in Incident and Problem Management- support and manage 24X7 Operation teams.
- Build and Operate Auto-Healing, Fault-tolerant systems using SRE principles in different cloud environments.
- Experience with migrating monolithic applications to microservices architecture.
- Docker containerization and orchestration over Kubernetes with Istio service mesh.
- Experience of working in a Fin-ops team for cloud cost optimization.

- Prior s/w development experience using Java/Spring.
- Maintain Infrastructure as code through Terraform and manage infra configuration through Ansible.
- Focused on Toil Management – automating day to day work with right DevOps tools.
- Experience of migrating services from one cloud vendor to others.
- Experience of serverless cloud technologies.
- Working closely with Sales/Pre-Sales teams on RFP's/RFI's for proposals/sales bid.
- Hiring and grooming DevOps Engineers.

Experience

Site Reliability Engineering | DevOps Cloud Architect/Manager at Harman Connected Services, India - Jan 2021 – till date

- Working as a Global SRE/DevOps Technical Architect for client Samsung on Projects like Samsung Bixby and Samsung Accounts.
- Leading an SRE team of 30 members responsible for modernizing applications from VM based infra to Kubernetes with focus on Reliability and self-healing.
- Tools and Tech Stack - AWS, GCP, Azure , Kubernetes, Terraform, Ansible, Google Stackdriver, Datadog, Spinnaker, Prometheus, Packer, Docker, Java, DynamoDB, MongoDB, Redis, Azure.
- Project Management Activities like managing workload of team, grooming the team for enhanced productivity and efficiency, participating in Quality Audits.

Site Reliability Engineering | DevOps Manager at Harman Connected Services GmbH, Germany - June 2018 – Dec 2020

- Working as a Global SRE/DevOps Technical Manager for client Samsung Bixby.
- Leading an SRE team of 12 members responsible for rolling out Samsung Bixby in the European market for European languages.
- Managing a highly skilled SRE team working in close collaboration with various product development teams.

Software Engineer at Infosys - August 2009 - December 2011

- Completed 4 months of Infosys Foundation Training at Mysore and then worked as Core Java and Spring Software Developer for British Telecom Client.
- Responsible for coding SOAP-based/RESTful web-services for different network elements automated tests and diagnostics.

Education

Bachelor of Engineering – Computers
St. Francis Institute of Technology,
Mumbai University

2009

Personal Profile

Address – Wakad, Pune

Email id – rahul_chaudhari02@yahoo.com

Date – 29-04-2021

- Tools and Tech Stack - AWS, GCP, Terraform, Ansible, Stackdriver, Datadog, Spinnaker, Prometheus, Packer, Docker, Kubernetes, Java, DynamoDB, MongoDB, Redis, Azure.

Technical Architect at Harman Connected Services Corp India Private Ltd -
August 2015 - June 2018

- Worked as a DevOps Lead and Java Technical Architect for a customised BMC Remedy application customization for Client British Telecom.
- Lead a team 10+ developers responsible for building applications using Angular, ReactJS, Restful web services and WebSockets.
- This software was built from scratch and I was involved in all phases of s/w delivery - right from establishing business requirement, designing a technical solution, building the product in an agile way, rolling it to beta users, taking their feedback and translating it to new requirements and finally rolling it out to BT Global service desks.

Technical Lead at Harman Connected Services Corp India Private Ltd - June 2014 - June 2015

- Worked on-site as In-Life lead to support the launch of a new BMC Remedy based global s/w for British Telecom's global service desks .
- Along with Inlife Support, customer-facing role to understand customer's technical feedback on the product and translate to new requirements and solutions for the development team to implement.

Software Development Team Lead at Harman Connected Services Corp India Private Ltd - March 2013 - May 2014

- Worked as Java Development Lead for Client British Telecom.
- Lead a team of 5+ developers responsible for writing multi-utility sdks for interfacing with external content providers.

Application Support Engineer at Harman Connected Services Corp India Private Ltd - May 2012 - March 2013

- Worked as Production ASG for Client British Telecom at client location Ipswich, UK

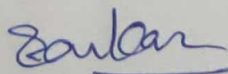
Senior Software Engineer at Harman Connected Services Corp India Private Ltd - December 2011 - May 2012

- Worked as a Java software developer for client British Telecom

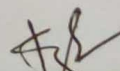
AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
COMPUTER ENGINEERING DEPARTMENT

Organizes
Online Webinar on
"Future Trends in Cloud Computing"
Program Schedule

DATE TIME	EVENT DETAILS	TIME
Date: (31/05/2021)		
10:000 AM TO 10:02 AM	Introduction and Preamble to Program	02 minutes
10:03 AM TO 11:06 AM	Welcome-HOD Preamble	03 minutes
10:07 AM TO 10:12 AM	Principal Speech	05 minutes
10:13AM TO 10:15 AM	Introduction to Chief Guest	02 minutes
10:16 AM TO 11:30 AM	Session by Resource Person	75 minutes
11.30 To 11:40 AM	Break	10 minute
11:41 AM TO 01:00 PM	Session by Resource Person	80 minutes
01:00 PM TO 01:05 PM	Vote of thanks	05 minutes
Total Time		182 minute



Dr.S.K.Sonkar
Program Coordinator



Prof.R.D.Paikrao
HEAD OF THE DEPARTMENT
(COMPUTER ENGINEERING)
AMRUTVAHINI COLLEGE OF ENGINEERING
SANGAMNER - 422608

Amrutvahini College of Engineering, Sangamner
COMPUTER ENGINEERING DEPARTMENT

Date: 31/05/2021

Webinar Report

Date: 31st May, 2021

Class: B.E. Students

Topic: Webinar on "Future Trends in Cloud Computing".

Resource Person: Mr. Rahul Chaudhari-Technical Architect-Product Development-Harmon International.Pune.

Organized By: Dr. S.K. Sonkar, and Prof.S.A. Thanekar.

Total no. of Student Participant: 94

Total no. of Faculty Participant: (04)

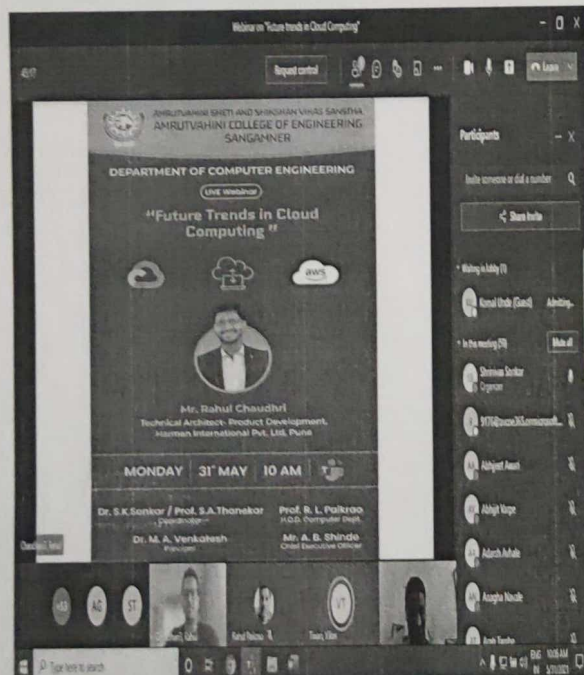
Objective: To learn concept of Cloud Computing.

To learn various Trends in Cloud Computing.

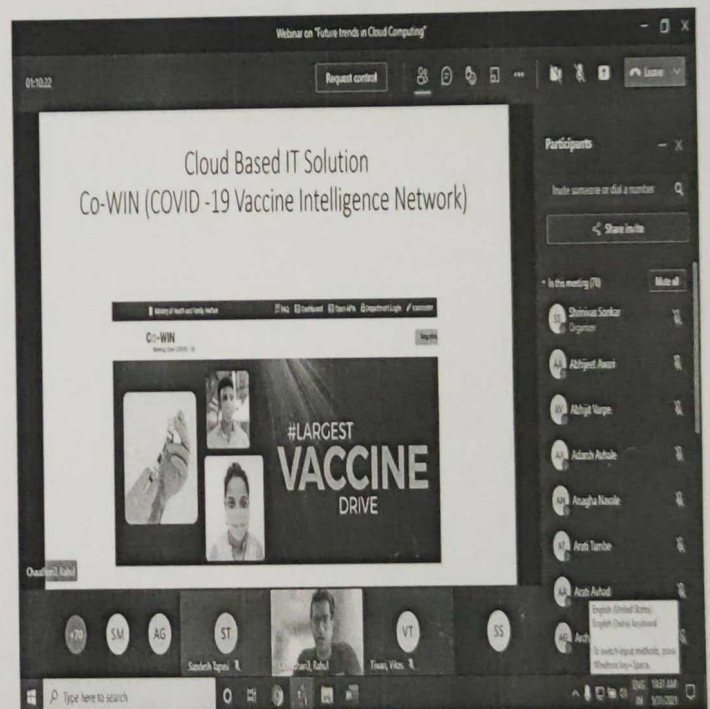
Webinar Content:

What is Cloud, Cloud Service Models, why companies are investing in Cloud, Trends in Cloud Computing-Digital Transformation Disruptive Technologies-Social, Media, Analytics, Cloud, Hybrid Cloud, Platform as a service (AI, IoT & ML), AI as a Service, Edge Computing is the new Battleground, Edge Compute-The next era of 5G and Cloud, Wavelength-AWS Partners with Verizon, Big Bets by the big 5.

Workshop Snapshots:



Snapshot1: Introduction of Resource Person



Snapshot2:Resource Person explaining trends of Cloud Computing with example

Webinar on "Future trends in Cloud Computing"

01:12:51

Request control

Participants

Hybrid Cloud

	Public	Private	Community	Hybrid
Ease of setup and use	Easy	Requires IT professionals	Requires IT professionals	Requires IT professionals
Data security and privacy	Low	High	Comparatively high	High
Data control	Little to none	High	Comparatively high	Comparatively high
Reliability	Low	High	Comparatively high	High
Scalability and flexibility	High	High	Fixed capacity	High
Cost effectiveness	Low charges	Cost intensive, the most expensive model	Cost is shared among community members	Cheaper than a private model but more costly than a public one

Participants: Shrinivas Sankar, Abhishek Anand, Abhishek Varma, Adarsh Anand, Akanksha Kataria, Ananya Narale, Arati Tambe, Arati Anand

Snapshot3: Resource Person Explaining use of Hybrid Cloud concept.

Webinar on "Future trends in Cloud Computing"

01:13:44

Request control

Participants

Digital Transformation Disruptive Technologies

SMAC

• "SMAC" has already started to play a key role in the way businesses function in the 21st century. These are the main trends that are expected to shape markets and customer habits, and are at the root of the digital transformation.

• Of all the disruptive technologies, cloud in all its forms has had the biggest impact and provides the foundation for most of the other technologies and their ability to disrupt.

Participants: Shrinivas Sankar, Abhishek Anand, Abhishek Varma, Adarsh Anand, Akanksha Kataria, Ananya Narale, Arati Tambe, Arati Anand, Archana Gosavi

Snapshot4: Resource person explaining relationship between social-media-analytics & cloud.

Webinar on "Future trends in Cloud Computing"

01:47:16

Request control

Participants

What is Edge Computing?

Go for Edge computing if low latency, connectivity, security, privacy and the transmitted data volumes are an issue.

4 Sites of Computing

Device Edge, On-Premise Edge, Telecom Edge, Centralized Cloud Edge

Edge computing offers clear advantages if low latency, connectivity, security, privacy and the transmitted data volumes are an issue.

The trade-offs are relatively high initial costs and maintenance overheads.

Edge computing is the new area where Cloud providers, Telcos, and service providers are focusing their innovation investments.

Participants: Shrinivas Sankar, Abhishek Anand, Abhishek Varma, Adarsh Anand, Akanksha Kataria, Ananya Narale, Arati Tambe, Arati Anand

Snapshot5: Resource Person explain Edge Computing concept.

Webinar on "Future trends in Cloud Computing"

01:52:41

Request control

Participants

Wavelength - AWS Partners with Verizon

Developer, AWS Region, Wavelength Zone, 5G nB1, End devices

Wavelength, supports 5G applications by using telecom providers' infrastructure to place AWS storage and compute resources on the wireless network.

Participants: Shrinivas Sankar, Abhishek Anand, Abhishek Varma, Adarsh Anand, Akanksha Kataria, Ananya Narale, Arati Tambe, Arati Anand

Snapshot6: Resource Person Explaining AWS Services

Webinar on "Future trends in Cloud Computing"

01:56:41

Request control

Big Bets by the big 5

Logos: Amazon, Microsoft, Google, Apple, Facebook

Category	Amazon	Microsoft	Google	Apple	Facebook
Cloud					
• Public cloud infrastructure	██████████	██████████	██████████	██████████	██████████
• Edge infrastructure	██████████	██████████	██████████	██████████	██████████
Devices					
• Wearables	██████████	██████████	██████████	██████████	██████████
• Smartphones	██████████	██████████	██████████	██████████	██████████
• Connected home	██████████	██████████	██████████	██████████	██████████
• Automobiles	██████████	██████████	██████████	██████████	██████████
Applications					
• Augmented/Virtual reality	██████████	██████████	██████████	██████████	██████████
• Gaming	██████████	██████████	██████████	██████████	██████████
• Autonomous driving	██████████	██████████	██████████	██████████	██████████
• Internet of Things (IoT)	██████████	██████████	██████████	██████████	██████████
• Artificial Intelligence (AI)	██████████	██████████	██████████	██████████	██████████

Legend: ██████████ Significant investment or established product ██████████ Some investment or services offered ██████████ Limited investment

Participants

Invite someone or dial a number

Share invite

In this meeting (77)

Mute all

Shrinivas Sonkar (Organizer)

Abhishek Awar

Abhishek Varpe

Adarsh Ashale

Akanksha Katore

Anagha Navale

Arati Tambe

Archana Gosavi

Chaudhari, Rahul

Archana Gosavi

Sandesh Tapasi

Chaudhari, Rahul

SS

Type here to search

ENG 11:17 AM 5/31/2021

Snapshot7: Future Trends in Cloud Computing

Webinar on "Future trends in Cloud Computing"

02:06:36

Grid of participants:

- Chaudhari, Rahul
- Sagar Sonawane
- Harshada Kute
- Rutuja Vaidhyan
- Nikita Anwar
- Bogir Jindal
- Nikhil Dubey
- BOHIT WARADE
- Vaishali Zarekar

Participants

In this meeting (70)

Mute all

Tejas Satpute

Vaishali Jadhav

Vaishali Zarekar

Vaishnavi Deshmukhi

Vetal Prajapati

Vijay Chaudhari

Vikram Gunjal

Vrushi Lende

Yash Nagare

Yash Tambe

ST

LP

AA

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CS

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ENG 11:27 AM 5/31/2021

Snapshot8: snap of Resource person alongwith participants

Sonkar

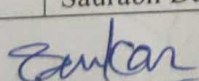
Dr.S.K.Sonkar/Prof.S.A.Thanekar
Program Coordinators

Paikrao

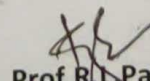
Prof.R.L.Paikrao
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AMRUTVAHINI COLLEGE OF ENGINEERING
SANGAMNER - 422608

Amrutvahini College of Engineering, Sangamner
Computer Engineering Department
Webinar on "Future Trends in Cloud Computing"
Attendance Sheet: Date:31/05/2021

Sr.No.	Full Name	Sr.No.	Full Name	Sr.No.	Full Name
1	Shrinivas Sonkar	34	shraddha kakad	67	Vikram Gunjal
2	Chaudhari Rahul	35	Shruti Dhage	68	Rasika Baheti
3	Rahul Paikrao	36	Shubham Dighe	69	Snehal Kolhe
4	Sachin Thanekar	37	ROHIT WARADE	70	Sachin Satpute
5	Jayshri Tambe	38	Vrushali Lende	71	Sonal Kachare
6	Gitanjali Dhokane	39	Hemal Nagariya	72	Akanksha Katore
7	Abhijeet Awari	40	Shruti Rasal	73	Vaishali Jadhav
8	Seema Mahajan	41	Dnyanda Rajdeo	74	Pankaj Phapale
9	Sandesh Tapasi	42	Tiwari, Vikas	75	Rutuja Vaishnav
10	Archana Gosavi	43	Komal Kerulkar	76	Bhagwat Kolhe
11	Sejal Tajane	44	Prasad Mulay	77	Pallavi Avhad
12	Rohan Kulkarni	45	Vaishnavi Deshmukh	78	Priti Bagal
13	Vaishali Zarekar	46	Tejas Bidwai	79	Purva Chandge
14	Sachin Ubarhande	47	Ravikumar Ghadge	80	Yash Tambe
15	Shivam Gavhale	48	MohammadShoeb AyyubKhan	81	Vetal Prajakta
16	Harshad Parad	49	Archana Kadu	82	Saba Shaikh
17	Vijay Chaudhari	50	Kunal Thite	83	Arati Avhad
18	Chhaya Sonawane	51	Adarsh Avhale	84	SAKSHI KHATODE
19	Arati Tambe	52	Harshada Kute	85	Shubham Warade
20	Abhijit Varpe	53	Pradnya Gaikwad	86	Nikita Aware
21	Sushant Sangale	54	Pratik Kotkar	87	Sagar Nanote
22	Bharati Kakad	55	Swetambari Andhale	88	Rutuja Bhand
23	Bogir Jindal	56	Anagha Navale	89	Pragati Sahane
24	Lakshmi Patil	57	Nikita Anerao	90	Shivam Wakchaure
25	Bharati Talekar	58	Yogesh Kothule	91	Rutuja Shelke
26	Shubham Adhane	59	Nital Patil	92	Arati Arote
27	Tejas Satpute	60	Komal Ghorpade	93	Rutuja Khemnar
28	Sai Pund	61	Ishwari Kadav	94	Sagar Sonawane
29	Gauri Mardikar	62	Komal Unde	95	Navnath Ghuge
30	Viraj Gadekar	63	Yashashree Walunj	96	Yash Nagare
31	Shreyash Satpute	64	Sujata Narute	97	Ruchika Sinare
32	Gouri Aher	65	Shubham Wale	98	Sainath Mitalakar
33	Saurabh Dange	66	Parul Kadlag		



Dr.S.K.Sonkar/Prof.S.A.Thanekar
Program Coordinators



Prof.R.L.Paikrao
HEAD OF THE DEPARTMENT
(COMPUTER ENGINEERING)
AMRUTVAHINI COLLEGE OF ENGINEERING
SANGAMNER - 422608



Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering, Sangamner

- ▶ Approved by AICTE, New Delhi
- ▶ Accredited three times by NBA, New Delhi
- ▶ 'A' Grade by NAAC
- ▶ AICTE ID: 1-7576531
- ▶ D.T.E. Code : EN5162
- ▶ Affiliated to Savitribai Phule Pune University
- ▶ SPPU ID : PU/AN/Engg-024/1983
- ▶ 'A' Grade by DTE, Govt. of Maharashtra
- ▶ An ISO 9001 : 2015 Certified
- ▶ A.I.S.H.E. Code (Ref. No.) : C-41515

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

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Date: 31/05/2021

CERTIFICATE

This is to certify that " **Mr. Rahul Chaudhari**", Technical Architecture-Product Development, Harman International Pune, has conducted Webinar on "**Future Trends in Cloud Computing**", for B.E. Computer Engg. Students on Monday, 31/05/2021.

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



Dr.M.A.Venkatesh

Principal

Amrutvahini College of Engg.
SANGAMNER - 422 606
Dist.-Ahmednagar (M.S.)



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

