



**ZEAL EDUCATION SOCIETY**  
C E L E B R A T I N G  
20 YEARS OF EDUCATIONAL EXCELLENCE

Founder. Hon. Mr. S. M. Katkar





## **Zeal College of Engineering & Research Department of Artificial Intelligence & Data Science**

**ORGANIZES GUEST SESSION  
ON  
*FUTURE SCOPE FOR DATA  
STRUCTURE*  
BY  
MRS. SUPRIYA YEWALE  
FOR SECOND YEAR STUDENTS  
ON  
16/11/2021  
01:00PM TO 03:00PM**

**Dr. S. A. Ubale  
HOD  
AI & DS Dept.**

**Dr. Ajit M . Kate  
Principal  
ZCOER**

	<b>ZEAL EDUCATION SOCIETY'S</b> <b>ZEAL COLLEGE OF ENGINEERING AND RESEARCH</b> <b>DEPARTMENT OF ARTIFICIAL INTELLIGENCE &amp; DATA SCIENCE</b>	
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Date -14/12/21

**Report on**

**Industry Expert Lecture on**

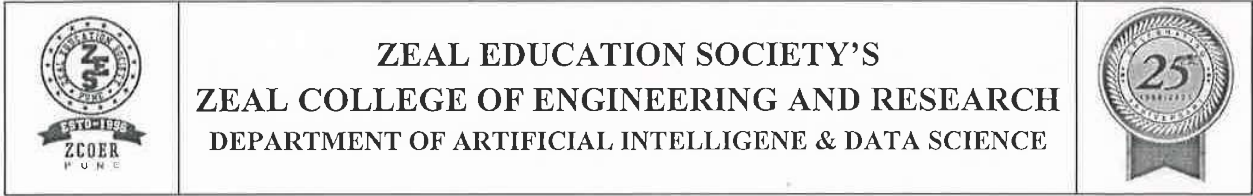
**“Future Scope for Data Structure”**

Department of Artificial Intelligence & Data Science, Zeal College of Engineering and Research Pune has organized expert lecture on **“Future Scope for Data Structure”** , by Mrs.Supriya Yewale, Tech Lead, Kanaka Softwares,Pune on 14<sup>th</sup> December, 2021. she has also contributed in syllabus setting of Object Oriented Programming in Savitribai Phule Pune University.

Mrs.Supriya Yewale guided students about importance of Future Scope for Data Structure. she also pointed out importance and various opportunities in this particular area. Also she motivated students to obtain the technical skills and recognition to make yourself even more valuable at your career. She explained in detail concepts of Future Scope for Data Structure. Student interacted with speaker in last question answer session and cleared their doubts. 59 students of SE AI&DS have taken benefits of the expert session.

Session was very informative and guided students on concepts to excel in programming. Overall the session was proven to be very inspiring and informative for all Second year students.

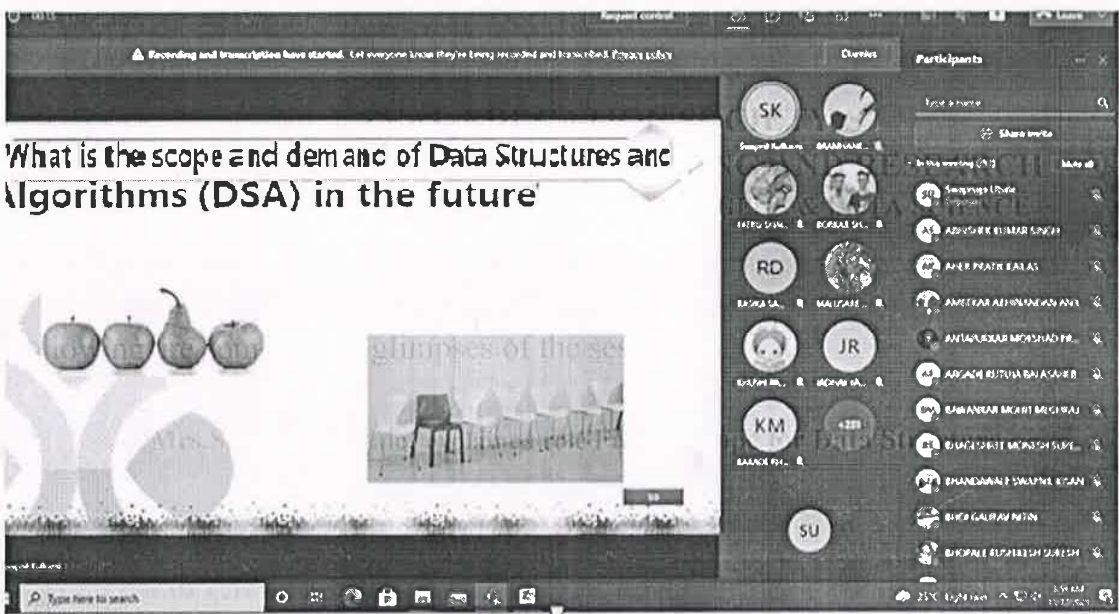




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ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE**

Following are some of the glimpses of the session-


Mrs.Supriya Yewale, explained role Future Scope for Data Structure



Mrs.Supriya Yewale on Future Scope for Data Structure

Session was helpful for elaborating interest of students and clearing all the Future Scope for Data Structure from programming point of view.



  
**HOD**  
 Artificial Intelligence and  
 Data Science Department  
**HOD (AI&DS)**  
 Zeal College of Engineering  
 And Research

## Feedback Yawale1



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ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



Record No.: ACAD/R/21B

Revision: 0 | Date: 01/04/2021

**Industry Expert/ Guest Faculty Session Feedback Analysis**

Department AI&amp;DS

Academic Year: 2021 -2022

Semester: I

Date: 16/12/21

Name of Expert: **Mr. Supriya Yawale**

Topic

Future Scope for Data structure

Sr. No.	Attribute	No. of responses	Marks	
			Obtained	%
1	Regular & Punctual in conducting class	31	113	73
2	How would you rate the content of the session?		118	76
3	How would you rate the knowledge of the guest for the session?		114	74
4	How would you rate the content delivery method of the guest for the session?		113	73
5	How would you rate the management of the session?		117	75
6	Do you think the content of the session added to your knowledge?		115	74

  
Feedback Coordinator



  
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**Zeal College of Engineering &  
Research Department of Artificial  
Intelligence & Data Science**



**ORGANIZES GUEST SESSION  
ON  
*CARRIER OPPORTUNITIES IN DATA  
SCIENCE AND AI***

**BY  
MR. YOGESH MURUMKAR  
SECOND YEAR STUDENTS**

**ON  
14/10/2021  
10:00 AM & 12:00 PM**

**Dr. S. A. Ubale  
HOD  
AI & DS Dept.**

**Dr. Ajit M . Kate  
Principal  
ZCOER**

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Record No.: ZCOER-ACAD/R/	Revision: 00	Date: 01/04/2021

Department: AI & DS  
 Class: SE

Semester: I

Academic Year: 2021-2022  
 Date: 14/10/2021

## Career Opportunities in Data Science and AI

### Industry Expert Session Report

To enhance the understanding of students about Career Opportunities in Data Science and AI, we planned to schedule an Industry Expert Session for the course AI & DS-SE. The best suitable expert was identified for this session and the details are as per the table below.

Details of the Guest Speaker are as follows:

<b>Name of Expert:</b>	YOGESH MURUMKAR
<b>Designation:</b>	Director
<b>Organization:</b>	Bharat Soft Solution, Pune
<b>Experience:</b>	7+ years
<b>Date:</b>	14/10/1990
<b>Time and Duration:</b>	11:00, 2hrs

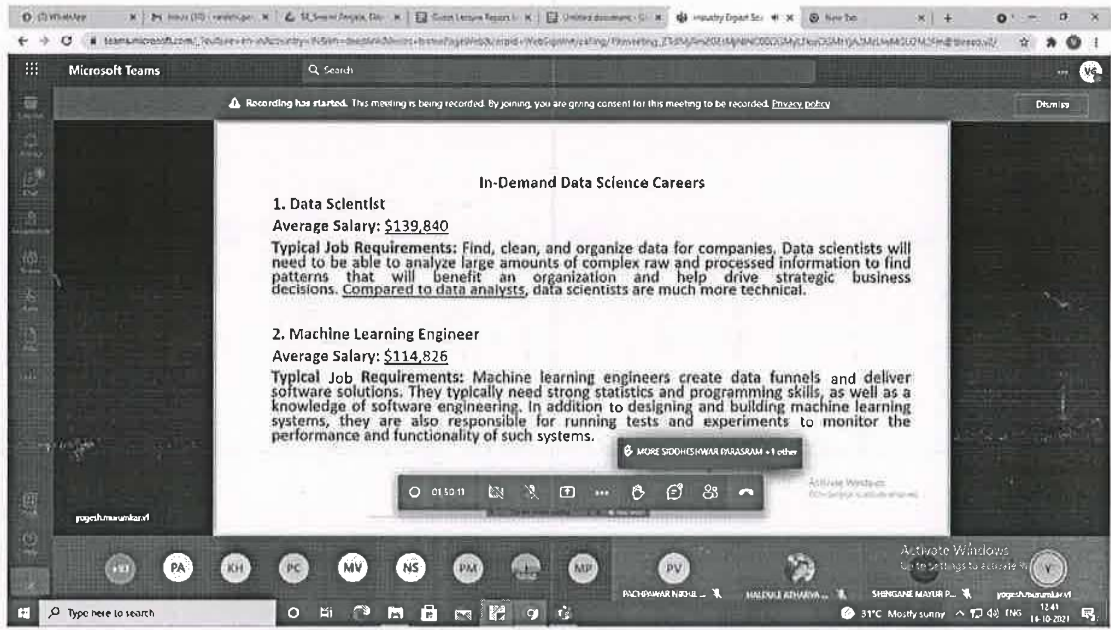


Online Meeting platform: MS Team, Scheduled Day: Wednesday-13<sup>th</sup> Oct 2021

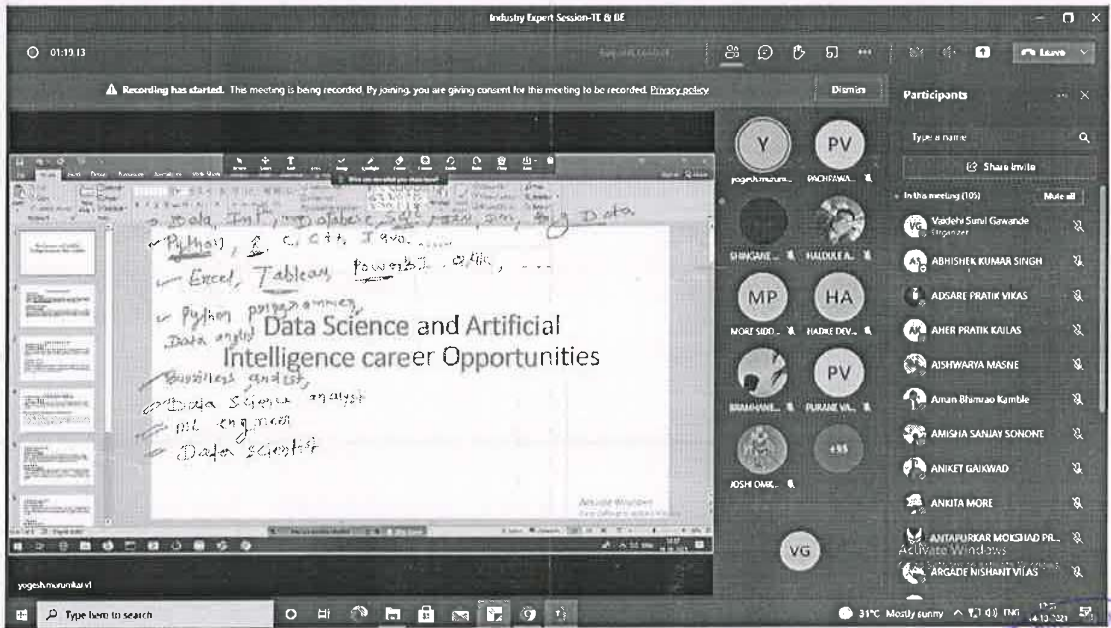
Day & Date	Time	Class	Link	Count of Students Present for Meeting
Wednesday 14/10/2021	11:30 am to 01:00 pm	SE	<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDRkZDc4MDctZDQ5My00MjU3LTk5MTAtOWFmOTIzN2EzMmVl%40thread.v2/0?context=%7b%22Tid%22%3a%224b28ccde-0d0b-4109-98af-80b36434bcd4%22%2c%22Oid%22%3a%22d0268b2b-3366-43f4-907a-6e2e305b4c6a%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDRkZDc4MDctZDQ5My00MjU3LTk5MTAtOWFmOTIzN2EzMmVl%40thread.v2/0?context=%7b%22Tid%22%3a%224b28ccde-0d0b-4109-98af-80b36434bcd4%22%2c%22Oid%22%3a%22d0268b2b-3366-43f4-907a-6e2e305b4c6a%22%7d</a>	145







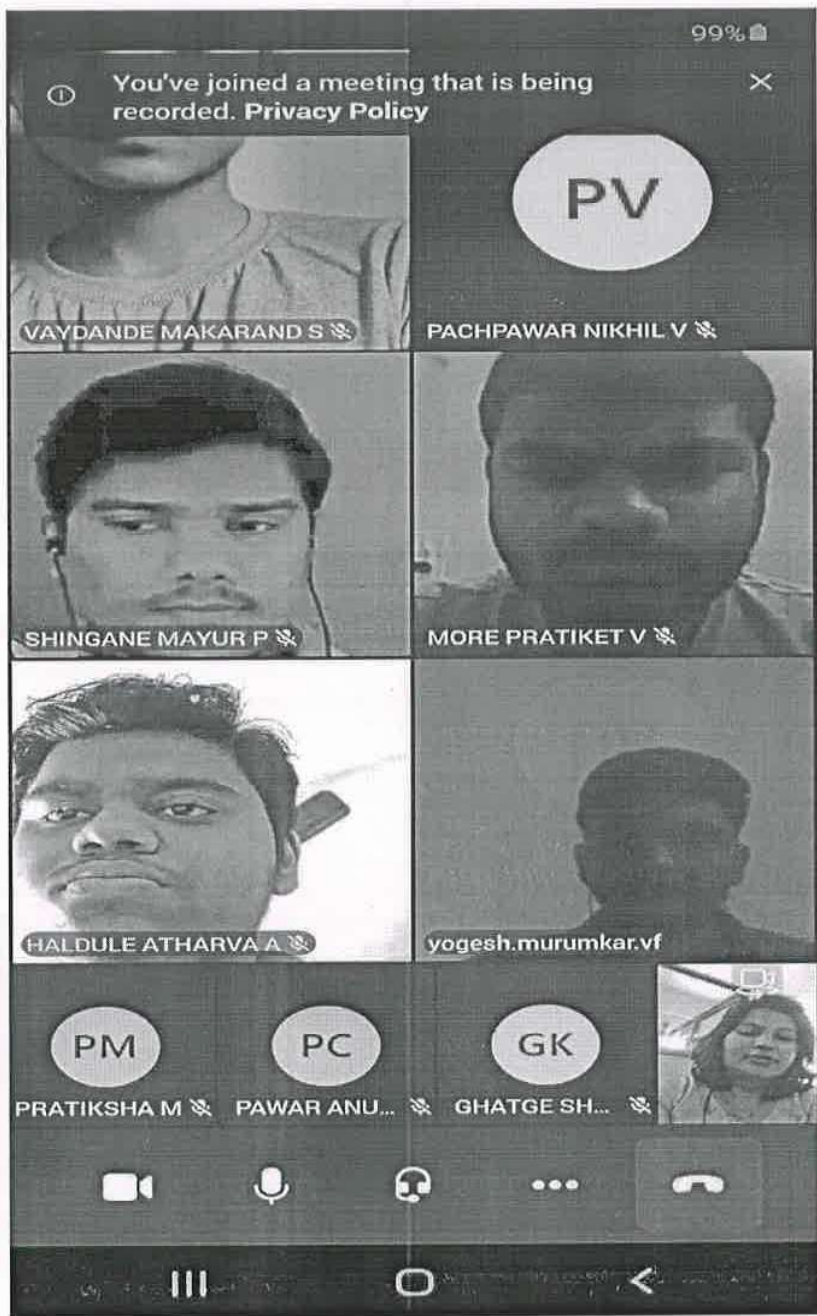
"Career opportunities in the field of Artificial Intelligence"



"Career opportunities in the field of Artificial Intelligence"







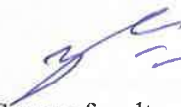
*“Attendees of session and question answer session from student side”*

The session was very much informative and engaging for all students, Mr. Yogesh Murumkar, guided regarding the different web hosting site, problems that students can face while buying a domain name, and how to get the desired domain name.




He answered all queries of students and even promised to guide even after the workshop. At the end feedback link is shared to students and the response was impressive.

After successful completion of the expert session, Prof. Vaidai Gawande expressed her gratitude and concluded the event by giving vote of thanks to Mr. Yogesh Murumkar and Management of Zeal College of Engineering and Research Pune.

  
Course faculty



  
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feedback yogeshmurumkar



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Record No.: ACAD/R/21B      Revision: 00      Date:01/04/2021

**Industry Expert/ Guest Faculty Session Feedback Analysis**

Department: AI&DS

Academic Year: 2021 -2022

Semester: I

Date:-13/10/21

Name of Expe **Mr.Yogesh Murumkar**

Topic carrier opportunities in data science and AI

Sr. No.	Attribute	No. of responses	Marks	
			Obtained	%
1	Regular & Punctual in conducting class	32	132	83
2	How would you rate the content of the session?		129	81
3	How would you rate the knowledge of the guest for the session?		123	77
4	How would you rate the content delivery method of the guest for the session?		114	71
5	How would you rate the management of the session?		142	89
6	Do you think the content of the session added to your knowledge?		125	78

*[Signature]*  
**Feedback Coordinator**

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Founder. Hon. Mr. S. M. Katkar



## **Zeal College of Engineering & Research Department of Artificial Intelligence & Data Science**

**ORGANIZES GUEST SESSION  
ON  
INTRODUCTION & FUTURE FOR  
SOFTWARE TESTING  
BY  
MRS. A.S. GARANDE  
SECOND YEAR STUDENTS  
ON  
03/01/2022**

**Dr. S. A. Ubale**  
HOD  
AI & DS Dept.

**Dr. Ajit M . Kate**  
Principal  
ZCOER





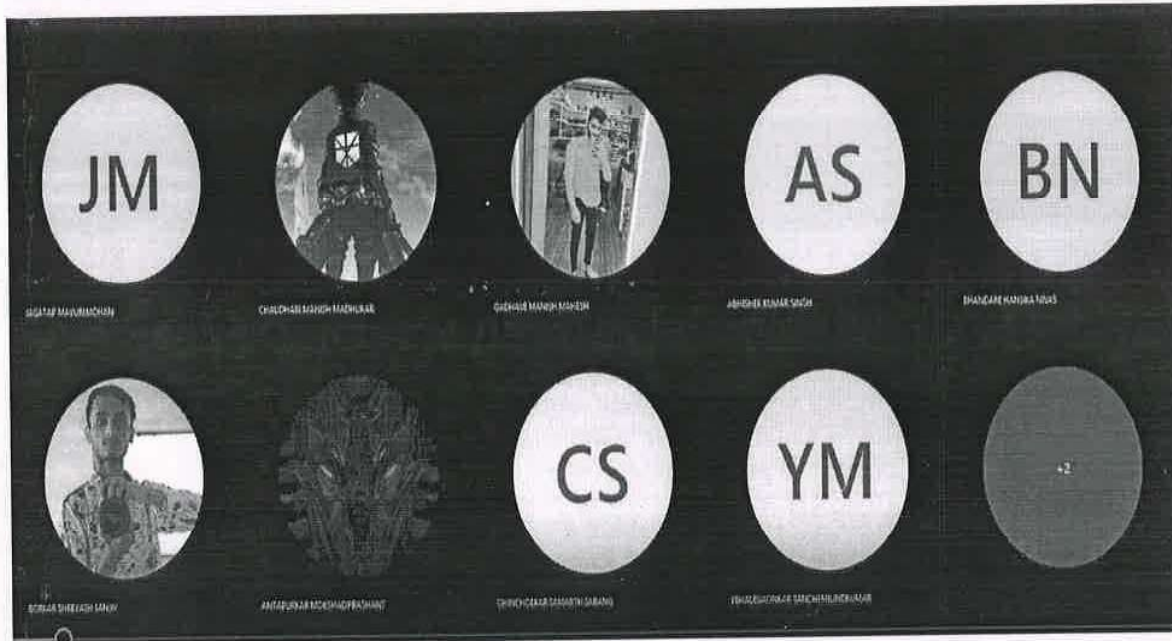


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ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R/                      Revision: 00                      Date:01/04/2021

**Photographs/Screen shots:**



**Software Development Life Cycle (SDLC)**

SDLC is a process that creates a structure of development of software. There are different phases within SDLC, and each phase has its various activities. It makes development team able to design, create, and deliver a high-quality product.

SDLC describes various phases of software development and the order of execution of phases. Each phase requires deliverable from the previous phase in a life cycle of software development. Requirements are translated into design, design into development and development into testing; after testing, it is given to the client.

- Requirement Phase**
- Design Phase**
- Build /Development Phase**
- Testing Phase**
- Deployment/ Deliver Phase**
- Maintenance**

Subject in charge

Academic Coordinator



**HOD**  
Artificial Intelligence and Data Science Department  
Zeal College of Engineering And Research



Record No.: ACAD/R/21B

Revision: 00

Date:01/04/2021

**Industry Expert/ Guest Faculty Session Feedback Analysis**

Department: AI&DS

Academic Year: 2021-2022

Semester: II

Date: 03/01/22

Name of Expert/ Guest: Prof. Anuja Garande

Topic: Introduction & future for Software Testing with hands on Session

Sr. No.	Attribute	No. of responses	Marks	
			Obtained	%
1	Regular & Punctual in conducting class	40	175	88
2	How would you rate the content of the session?		180	90
3	How would you rate the knowledge of the guest for the session?		185	93
4	How would you rate the content delivery method of the guest for the session?		177	89
5	How would you rate the management of the session?		160	80
6	Do you think the content of the session added to your knowledge?		175	88

  
Feedback Coordinator



  
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## **Zeal College of Engineering & Research Department of Artificial Intelligence & Data Science**

**ORGANIZES GUEST SESSION  
ON**

***CARRIER READINESS PROGRAM BASED ON  
CLOUD COMPUTING & ARCHITECTING  
WITH GOOGLE CLOUD PLATFORM (GCP)***

**BY**

**PROF. PRAMOD DESHMUKH  
FOR SECOND YEAR STUDENTS**

**ON**

**15/09/2021**

**1.00PM-3.00PM**

**Dr. S. A. Ubale  
HOD  
AI & DS Dept.**

**Dr. Ajit M . Kate  
Principal  
ZCOER**





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ZEAL COLLEGE OF ENGINEERING AND  
RESEARCH  
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R

Revision: 00

Date: 01/04/2021

**Department: Information Technology & Artificial Intelligence and Data Science**

**Academic Year: 2021-22**

**Date: 15/09/2021**

**Class: SE,TE**

**Div: A & B**

**Semester: I**

**“Cloud Computing & Architecting with Google Cloud Platform (GCP)”  
Guest Lecture Report**

On the occasion of Engineers Day and enhancing the understanding of students about “Carrier Readiness Program on cloud Computing and Architecting with Google cloud platform (GCP)”, we conducted the Guest Faculty Session for the course S.E. and T.E. of IT and AIDS.

The best suitable expert is identified for this session and the details are as given below.

**Details of Guest :**

<b>Name of Expert:</b>	Prof. Pramod Deshmukh (Ph.D Perusing M.Tech.)
<b>Designation:</b>	Assistant Professor
<b>Organization:</b>	D.Y.Patil College of Engineering Akurdi
<b>Experience:</b>	10
<b>Date:</b>	15/09/2021
<b>Time and Duration:</b>	01:00 PM 01hrs :30 Minutes

DAY and Date	Time	Class	Link	Count of Students Present for Meeting
15/09/2021	01:00 PM to 03 :00 PM	SE TE	<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWE2MTAzMjMtOWU4MC00OTVmLTk1NGItODQ4YThkMGQ5YzEw%40thread.v2/0?context=%7b%22Tid%22%3a%224b28ccde-0d0b-4109-98af-80b36434bcd4%22%2c%22Oid%22%3a%2276051b9d-d9f9-47ca-bc6f-61b97249d8f3%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWE2MTAzMjMtOWU4MC00OTVmLTk1NGItODQ4YThkMGQ5YzEw%40thread.v2/0?context=%7b%22Tid%22%3a%224b28ccde-0d0b-4109-98af-80b36434bcd4%22%2c%22Oid%22%3a%2276051b9d-d9f9-47ca-bc6f-61b97249d8f3%22%7d</a>	200

At the beginning of the session Prof. Amruta Patil welcome speech for the guest Prof. Pramod Deshmukh , Assistant Professor D.Y.Patil College of Engineering Akurdi , Dr. S.A. Ubale (HOD AIDS) Prof. Rahul Bhole (HOD IT) . Dr S.A.Ubale mam gave warm wishes on the occasion of engineers day to all students and share importance of cloud computing and GCP with students . Prof Aman B Kamble gave brief introduction of the speaker Prof. Pramod Deshmukh sir and then he also welcomed all the students too.

After the formal introduction the platform is handed over Prof. Pramod Deshmukh then he started addressing students about cloud computing and GCP. He also taken hands-on session of GCP with various interesting example .



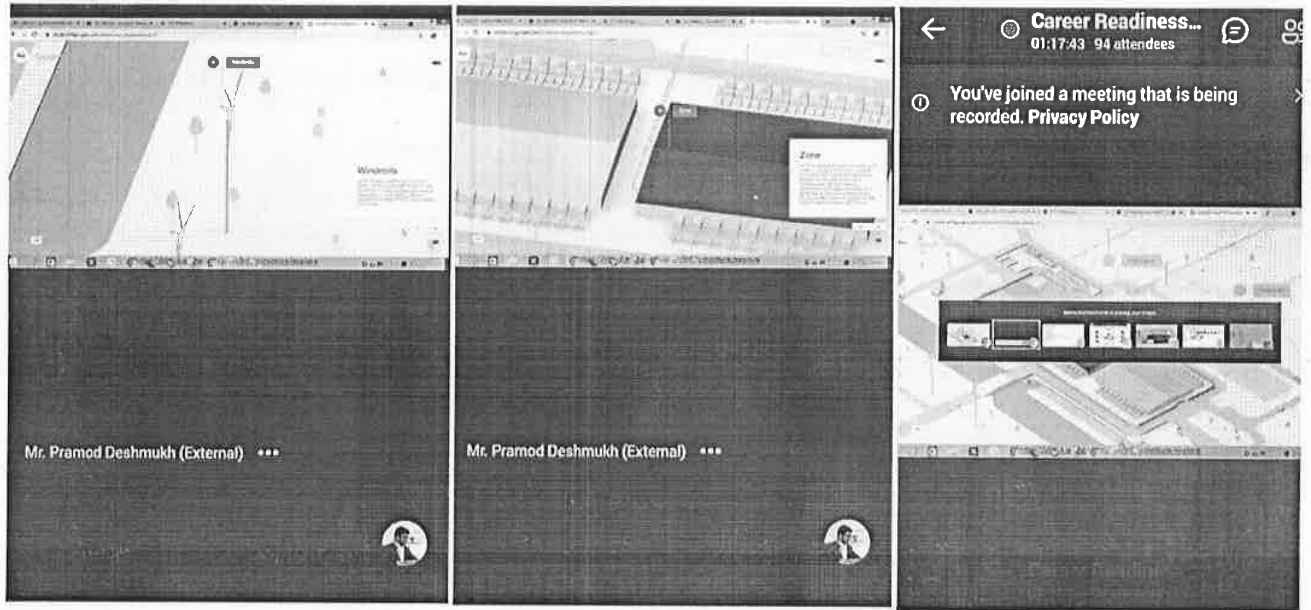
“Session start with Saraswati Poojan & Prof. Amruta Patil welcome speech”



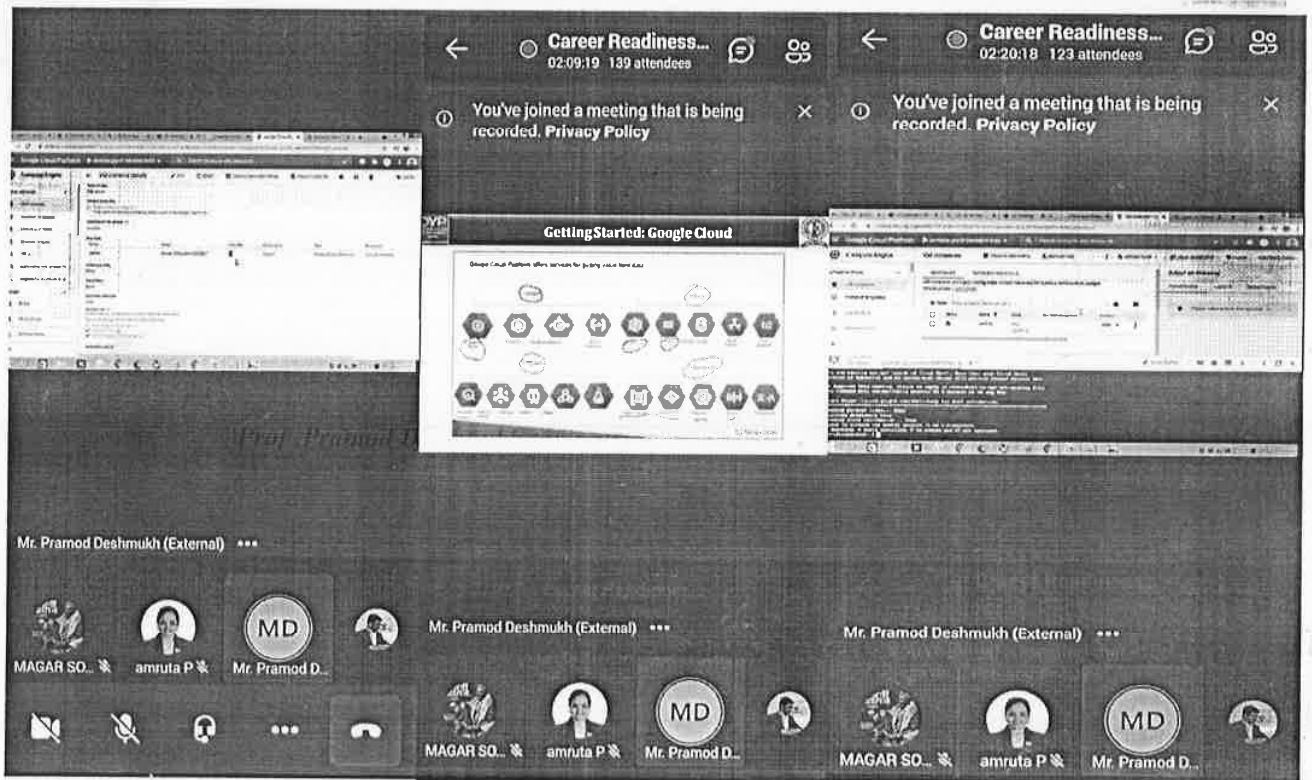
*“Dr.S.A.Ubale Mam welcome to student and guest ”*



*“Prof.Pramod Deshmukh introducing about carrier readiness program on cloud computing & GCP”*



*"Prof. Pramod Deshmukh taking Hands-On session on Cloud Computing."*



*"Prof. Pramod Deshmukh taking Hands-On session on GCP."*





*“Attendees of session and question answer session from student side”*

The session was very much informative to all the students, Prof Pramod Deshmukh make very much interesting by hands-on session on GCP and various platform .He also guide regarding certifications of cloud computing platform.




**Happy Engineers Day**



*"The way to build a nation is to build a good citizen. The majority of the citizens should be efficient, of good character and possess a reasonable high sense of duty."  
- Sir Mokshagundam Visvesvaraya.*

**ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE**  
**INFORMATION TECHNOLOGY DEPARTMENT &**  
**ARTIFICIAL INTELLIGENCE AND DATA SCIENCE DEPARTMENT**

JOINTLY ORGANIZE EXPERT SESSION ON  
**CARRIER READINESS PROGRAM BASED ON CLOUD COMPUTING**  
**AND**  
**ARCHITECTING WITH GOOGLE CLOUD PLATFORM (GCP)**  
 For SE and TE student's

 **15th September 2021**  **Time : 3.00 PM - 5.00 PM**

TECHNICAL PROJECT IDEA PRESENTATION (TPIP)  
 For TE student's

 **15th September 2021**  **Time : 1.00 PM - 3.00 PM**




**Speaker**  
**PROF. PRAMOD DESHMUKH**  
 M.Tech. CSE, PhD. Peraving,  
 Assistant Professor, Dr. D. Y. Patil College of Engineering, Akurdi.

**Platform :**  
**Microsoft Team**



<b>Prof. A.B. Kamble</b> Session Coordinator	<b>Prof. S.V. Patil</b> Session Coordinator	<b>Dr. S.A. Ubale</b> HoD, AI & Data Science	<b>Prof. R.H. bhole</b> HoD, IT Engg. Department
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*"Invitation of Expert session "*

He answered all queries of students and guided them how use various cloud services and their subscription .At the end feedback link is shared to students and they gave good responses.

After successfully completion of session, Prof. Aman Kamble concluded the event by giving vote of thanks to the Prof .Pramod Deshmukh and Management of Zeal College of Engineering and Research Pune.

  
Course Faculty

  
Head of Department



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**NARHE | PUNE -41 | INDIA**



Record No.: ACAD/R/21B

Revision: 0 Date: 01/04/2021

**Industry Expert/ Guest Faculty Session Feedback Analysis**

Department: AI&DS

Academic Year: 2021 -2022

Semester: I

Date: 15/09/2021

Name of

Expert/ Guest:

**Mr. Pramod Deshmukh**

Topic

Carrier readiness program based on cloud computing and architecting with google cloud platform

Sr. No.	Attribute	No. of responses	Marks	
			Obtained	%
1	Regular & Punctual in conducting class	36	142	79
2	How would you rate the content of the session?		145	81
3	How would you rate the knowledge of the guest for the session?		136	76
4	How would you rate the content delivery method of the guest for the session?		139	77
5	How would you rate the management of the session?		169	94
6	Do you think the content of the session added to your knowledge?		180	100

  
Feedback Coordinator

  
H.O.D.





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## **Zeal College of Engineering & Research Department of Artificial Intelligence & Data Science**

**ORGANIZES GUEST SESSION  
ON  
AGILE TRANSFORMATION  
BY  
MR. SUDHAKAR NAIK  
SECOND YEAR STUDENTS  
ON  
06/10/2021  
10:00 AM & 12:00 PM**

**Dr. S. A. Ubale  
HOD  
AI & DS Dept.**

**Dr. Ajit M . Kate  
Principal  
ZCOER**

	<b>ZEAL EDUCATION SOCIETY'S</b> <b>ZEAL COLLEGE OF ENGINEERING AND RESEARCH</b> DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	
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Date -07/10/21

**Report on**

**Expert Lecture on**

**“Agile Transformation Introduction and opportunities ”**

Department of Artificial Intelligenc & Data Science and Information Technology , Zeal Collage of Engineering and Research Pune has organized expert lecture on Agile Transformation Introduction and opportunities on 06<sup>th</sup> October 2021.

Expert lecture is delivered by Mr. Sudhakar Naik, Agile transformation Consultanat, UST Global Pvt. Ltd and he has 17 years of experience. Overall the session was proven to be very inspiring and informative for all Second year students.

Mr. Sudhakar Naik guided students about importance of Agile transformation. He also pointed out various opportunities and imporatnce of certification program in this particular area. Also he motivated students to obtain the technical skills and recognition to make yourself even more valuable at your carrier. He explained in detail about Agile Transformation and opportunities in Agile and role and responsibilities of Agile consultant.

Students interacted with speaker in last question answer session and cleadred their doubts. Following are some of the glimpses of the session-

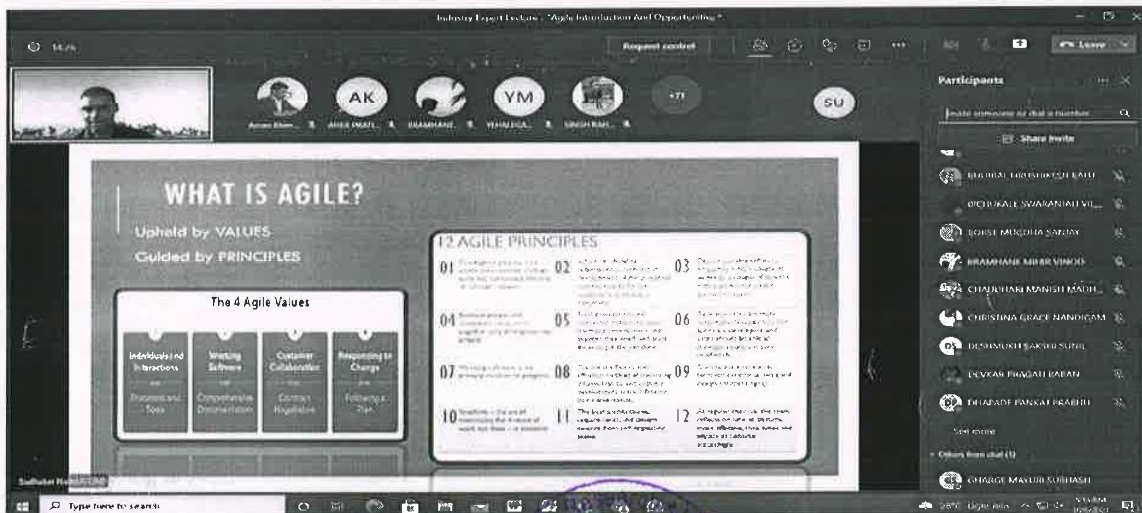
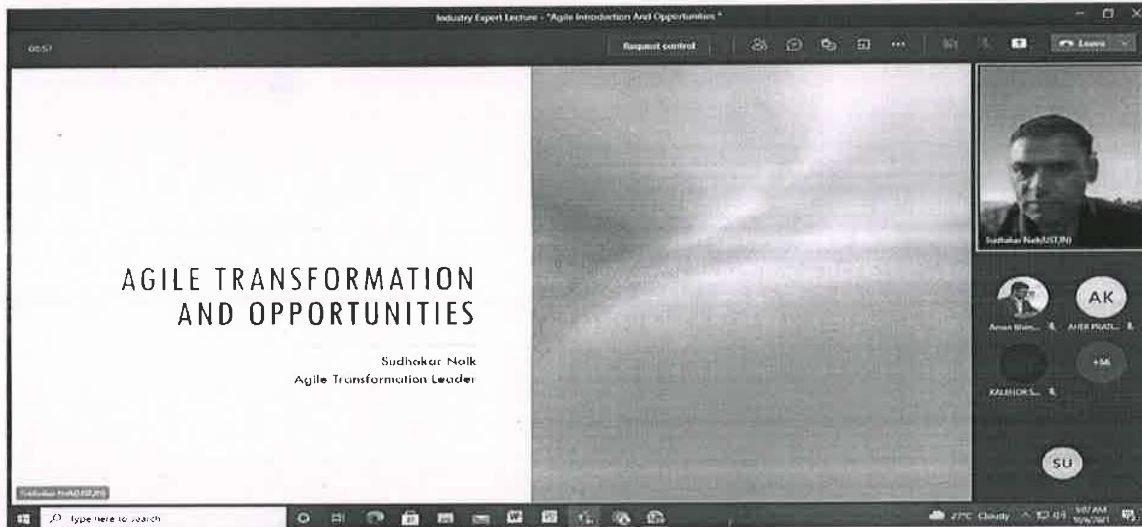




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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA  
SCIENCE**



17/3



*Mr. Sudhakar Naik talking about principles of Agile*





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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA  
SCIENCE**



**BUILDING BLOCKS OF AGILE TRANSFORMATION**

**Enterprise agility**

A business organization that can adapt to change through:

- Operating in a flat and empowered organization
- Architecture and DevOps
- Continuous education and experimentation of the new operating model to start through:
  - Start with a small pilot
  - Learn from the pilot and iterate
  - Scale the pilot to the rest of the organization
- Methodological questions that can help teams move fast, but also safely through:
  - How to build a strong foundation for the pilot
  - How to build a strong foundation for the rest of the organization
  - How to build a strong foundation for the rest of the organization
  - How to build a strong foundation for the rest of the organization

A business organization that can help support the change through:

- Empowered and cross-functional teams
- Autonomous and self-organizing teams
- Clear roles and responsibilities
- Clear goals and objectives

A focus on building the maturity and continuous improvement mindset of teams through:

- Empowered and cross-functional teams
- Autonomous and self-organizing teams
- Clear roles and responsibilities
- Clear goals and objectives

Business agility

*Mr. Sudhakar Naik explaining about buliling block of Agile Transformation*

**INVESTING IN A SET OF CAPABILITIES**

**Business**

- Product strategy
- Market and cost of sales strategy
- Product development
- Financial management
- Customer relationship management
- Operational excellence
- Government and industry

**Enterprise agility**

**Organizational**

- Structure and operational strategy
- Market and resource management
- Office management



**Scaled agile**

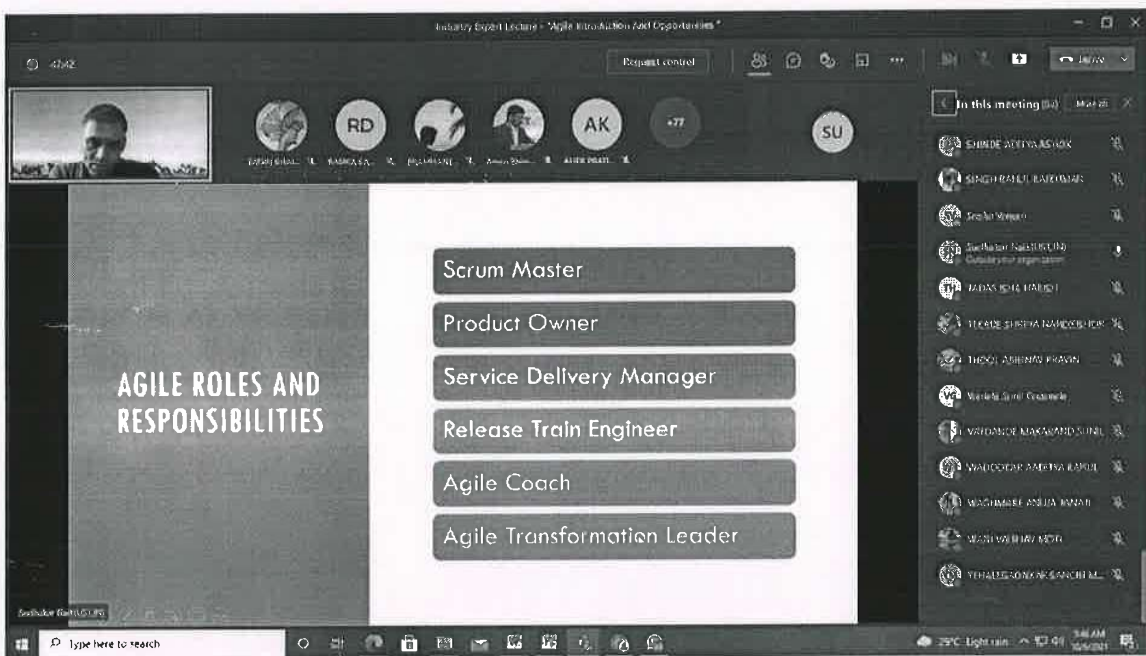
**Team**

- Product strategy
- Market and cost of sales strategy
- Product development
- Financial management
- Customer relationship management
- Operational excellence
- Government and industry

**Business agility**



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*Mr. Sudhakar Naik talking about roles and responsibilities of Agile*

Session was very helpful for students and students got new direction to think for carrier opportunities.



*[Signature]*  
**HOD**  
 Head of Department  
 Artificial Intelligence and  
 Data Science Department  
 Zeal College of Engineering  
 And Research

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Feedback sudhakar



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**Record No.:** ACAD/R/21B      **Revision:**      **Date:** 01/04/2021

**Industry Expert/ Guest Faculty Session Feedback Analysis**

**Department:** AI&DS

**Academic Year:** 2021 -2022

**Semester:** I

**Date:** 6/10/21

**Name of Exp**                      **Mr.Sudhakar Naik**

**Topic**  
**Agile transformation Introduction and opportunities**

Sr. No.	Attribute	No. of responses	Marks	
			Obtained	%
1	Regular & Punctual in conducting class	36	140	78
2	How would you rate the content of the session?		155	86
3	How would you rate the knowledge of the guest for the session?		142	79
4	How would you rate the content delivery method of the guest for the session?		141	78
5	How would you rate the management of the session?		155	86
6	Do you think the content of the session added to your knowledge?		165	92

**Feedback Coordinator**

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