

Computer Engineering Department

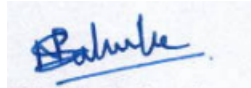
Mitu Skillologies

Duration of MoU: From 12/12/2022 to 11/12/2023 .

Nature of MoU: Academic/Expert talk/Guest Lecture/Workshop

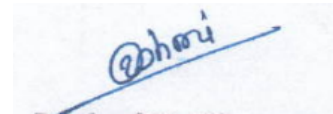
List of Activities conducted under above MoU in Academic Year 2022-23 .

S.No.	Date	Duration	Title of Activity	Nature of Activity(Expert Talk/Training/Internship etc.)	No. of Participants
1.	29 th November 2022	1 Day	Webinar on “AWS in Cloud”	Expert Talk	46
2.	29 th December 2022	1 Day	FDP on Recent Trends in AI.Machine Learning and Data Science Topics “Data Visualization and Data Science”	Guest Speaker	98



Dr. Nilesh Salunke
Principal,
SVKM's Institute of Technology,
Dhule, MH.

Name, Designation and Signature of First Party



Rashmi R. Thorave
Director
Mitu Skillologies

Name, Designation and Signature of Second Party



Shree Vile Parle Kelavani Mandal's
Institute of Technology, Dhule
Approved by AICTE & Affiliated to DBATU
DEPARTMENT OF COMPUTER ENGINEERING
A.Y 2022-23



Name of Event	: Webinar on “AWS in Cloud”
Dates	: 29th November 2022
Time	: 03:00pm
Venue	: Class room : 208
Recourse person	: Mr. Tushar Kute, Researcher at MITU Skillologies, Pune.

Objectives of seminar:

- Students will be able to understand the Cloud Computing.
- Student will be able to learn & understand AWS & How does it work

- **Activity Details:** following topics are covered
 1. What is Cloud Computing
 2. Amazon Web Services
 3. Types of Services
 4. Compute, Storage & Communication Services

Venue of event: Class Room 208

- **Committee Members:**

Dr. Makarand Shahade, Convener
Prof. Kiran Somwanshi, Coordinator
- **Total No. of Student Turned up:**

46 students participated from BTech. Computer Engineering Department.

- **Outcome of Activity:**

1. Students understood basic the Basic Concept of Cloud Computing
2. Students learn & understood the AWS.

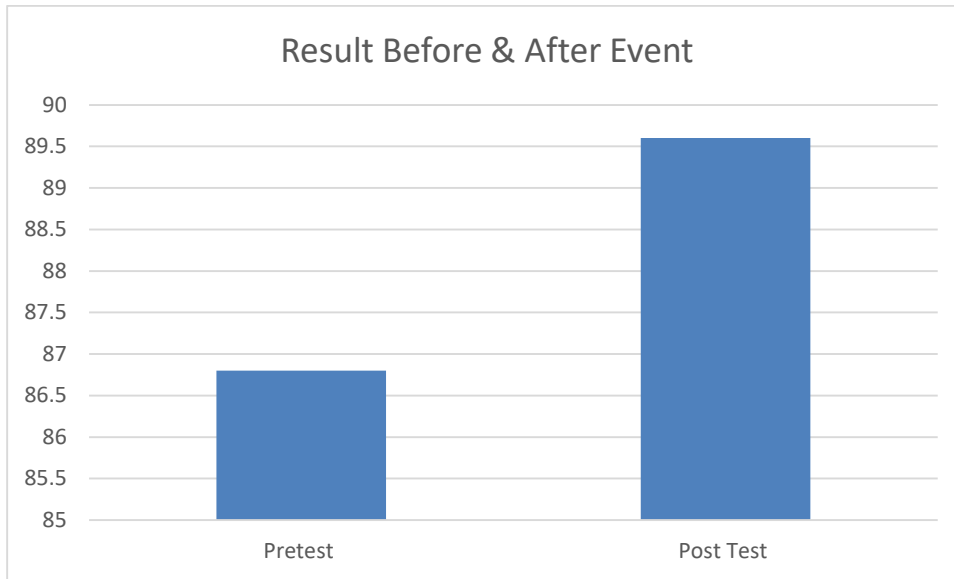
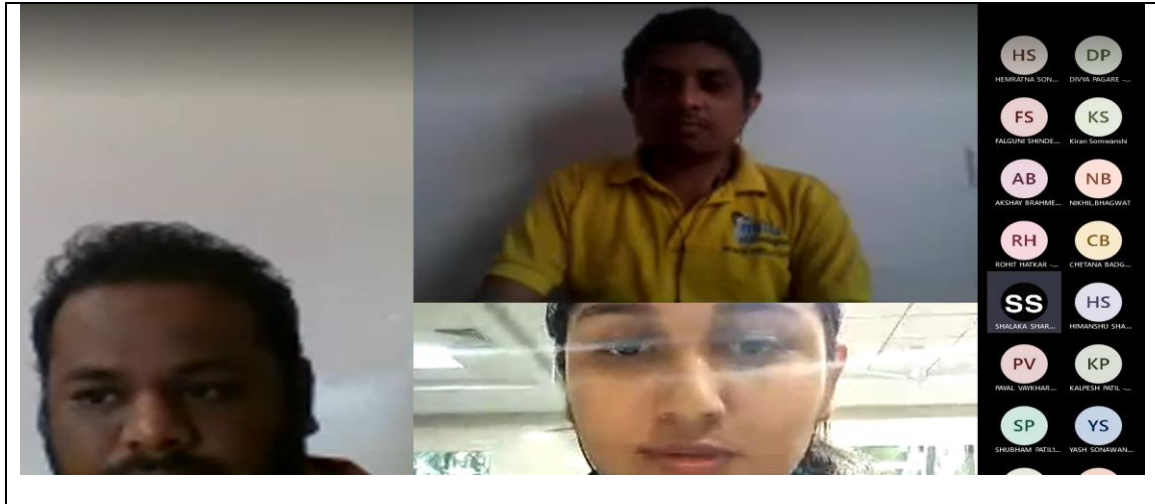


Fig. Feedback of Event After & Before Test

- **Photographs of Event:**

The screenshot shows a presentation slide titled "Amazon Cross Service Features" with the MITU Skilllogies logo in the top right. The slide content includes a diagram where a red oval labeled "Cross Service Features" has two green arrows pointing to icons for "SWF" and "CloudWatch". Below the SWF icon is the URL <http://aws.amazon.com/swf/>, and below the CloudWatch icon is the URL <http://aws.amazon.com/cloudwatch/>. The Tusharkute.com logo is in the bottom left. On the right side of the slide, there is a video call interface showing a participant in a yellow shirt and a grid of participant icons with initials (MP, HS, DP, FS, KS, AB, NB, RH, CB, SS, HS).





SHRI VILE PARLE KELAVANI MANDAL'S
Institute of Technology, Dhule
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**Department of Computer Engineering
 Organizes**

EXPERT TALK ON

AWS in Cloud




SPEAKER

Mr. Tushar Kute
 Researcher
 MITU Skillologies, Pune.

**Venue :Class Room 208,
 Dept. Computer
 Engineering**

Microsoft Team <https://tinyurl.com/mpkcxwdm8>

Coordinator
Prof. Kiran Semwanshi
 Assistant Professor
 Department of Computer Engineering
 SVKM IOT Dhule.

**On Tuesday 29th
 November 2022
 At 03.00 pm**

Convener
Dr. Makarand Shahade
 Associate Professor and HOD
 Department of Computer Engineering
 SVKM IOT Dhule.



Shri Vile Parle Kelvani Mandal's Institute of Technology, Dhule
Department of Computer Engineering
Attendance Sheet

Activity Name: AWS in cloud Date: 29/11/2022

Name of Expert/Judges: Ms. Tushag Kiede

Roll No	Name of Students	Class (BTech)	Sign
1	Aakash Kalapkar	B.Tech	Aakash
2	Aishwarya Patil	B.Tech	A Patil
3			
4			
5	Anuradha S. Bachhav	B.Tech	Anuradha
6	Bhagyeshwari Shinde	B.Tech	B Shinde
7	Bhargesh Anil Nikam	B.Tech	B Nikam
8	Chetana Khairnar	B.Tech	Chetana
9	Devyani Desai	B.Tech	Devyani
10			
11	Kalpesh Ishwar Patil	B.Tech	K Patil
12	Kalyani Babu Desale	B.Tech	K Desale
13	Kunal Wagh	B.Tech	K Wagh
14	Mayuri Sandip Jadhav	B.Tech.	M Jadhav
15			
16	Navid Pinjari	B.Tech	N Pinjari
17			
18	Nikhil Bhagwat	B.Tech	N Bhagwat
19	Pavni Pawar	B.Tech	P Pawar
20	Pooja Patil	B.Tech	P Patil
21	Prathmesh Chaudhari	B.Tech	P Chaudhari
22	Priyanka Vibhakar	B.Tech	P Vibhakar
23	Priyanka Sarawade	B.Tech	P Sarawade
24	Purva Patil	B.Tech	P Patil
25			
26	Rajat Karugo	B.Tech	R Karugo
27	Samay Babane	B.Tech	S Babane
28			
29			
30	Sharma Shalaka S.	B.Tech	S Sharma
31			
32	Shraddha R. Pardeshi	F.Y. BTech	S Pardeshi
33			
34			
35	Tushar Tohar	B.Tech	T Tohar
36			
37	Vaibhav Ringle	B.Tech Comp	V Ringle

Roll No	Name of Students	Class (BTech)	Sign
38	Yash Chandrakant Jadhav	B.Tech	Yash
39	Ajay V. Pawar	B.Tech	Ajay
40	Akshay Brahmne	B.Tech	Akshay
41	—	—	—
42	—	—	—
43	Chandrakala K. Patil	B.Tech	CKP
44	Badgajis Chetana Visundra	B.Tech	Badgajis
45	—	—	—
46	—	—	—
47	Dhanshri Kulkarni	B.Tech	Dhanshri
48	Divya K. Pagare	B.Tech	Divya
49	Sonar Hemrajna M.	B.Tech	Sonar
50	Nimanshu P. Sharma	B.Tech Comp	Nimanshu
51	Jatin Chaudhari	B.Tech	Jatin
52	—	—	—
53	Kajal B. Suryawanshi	B.Tech	Kajal
54	Lina H. Thakate	B.Tech	Lina
55	Lokesh Mahajan	B.Tech	Lokesh
56	Manasi S. Patil	B.Tech	Manasi
57	—	—	—
58	Shubham Ramesh Patil	B.Tech	Shubham
59	Payal Girish Vaykhae	B.Tech	Payal
60	Charon Pradnya Rajendra	B.Tech	Charon
61	—	—	—
62	—	—	—
63	—	—	—
64	Rohit Sonu Hatkar	B.Tech	Rohit
65	Tejaswi L. Salunke	B.Tech	Tejaswi
66	Subanita Prasanna Pandeshi	B.Tech	Subanita
67	Vishal Jagdale	B.Tech	Vishal
68	—	—	—
69	Lokesh N. Mahajan	B	—
70	—	—	—



**Shri Vile Parle Kelavani Mandal's
Institute of Technology, Dhule**

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✉ iotdhule@svkm.ac.in, www www.svkm-ict.ac.in

Hon. Shri. Amrish R. Patel
(President)

Dr. Nilesh P. Salunke
(Principal)
Ph.D., M.E., LMISTC

Ref. No. : SVKM/IOT/Admin/22-23/135

Date: - 06/12/2022

To,
Mr. Tushar Kate
Researcher at MITU Skillologies,
Pune.

Subject: Appreciation Letter for delivering Expert Talk on "AWS in Cloud".

Dear Sir,

On behalf of the SVKM's Institute of Technology, Dhule India, we would like to express our gratitude to you for your talk in the webinar on "AWS in Cloud" dated on 29/11/2022. Your feedback and suggestions contributed immensely to the discussion. We are confident that good things will come from our joint efforts.

We will be always having high regards for your ideology and presence at our institute.

Thank you so much for sharing your precious time and providing valuable guidance to our students.

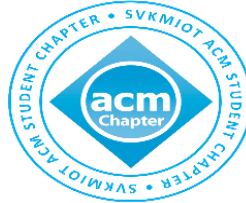

Dr. Makarand Shahade
HOD, Computer Engineering




Dr. Nilesh Salunke
Principal
SVKM's Institute of Technology, Dhule.



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A.Y 2022-23



Name of Event	:	ISTE Approved One Week Online Faculty Development Program on “Recent Trends in AI, Machine Learning and Data Science” technically sponsored by SVKM IoT ACM Student Chapter in Association with MITU Skillogies.
Dates	:	26th -31st December 2022
Time	:	10.30 am to 4.00 pm
Venue	:	MS Teams
Recourse person	:	The List is attached.

Objective:

The objective of this Faculty Development Program is to

- To address modern trends in the field of Artificial Intelligence with real time problem solving.
 - To focused on hands-on implementation of various algorithms.
 - To deliver practical skill to participants in AI, ML and Data Science.
-
- **Activity Details:** following topics are covered
 1. Introduction to AI and its applications in real world.
 2. Introduction about machine learning,
 3. Types of Learning algorithms
 4. Un supervised learning methods, Partitioned and hierarchical clustering methods
 5. Bayesian learning, decision tree-based classification methods
 6. Dimensionality reduction methods,
 7. Hands on to implementation of supervised and unsupervised methods
 8. Support vector machine classification and application
 9. Neural networks and practical implementations
 10. Introduction to Deep learning methods and applications

Platform Used: MS Teams

Guest Speaker: Expert from MITU Skillogies.

- **Committee Members:**

- **Organizing Chair:**

- Dr. Nilesh Salunke

- **Convener**

- Dr. Makarand Shahade

- **Program Coordinator**

1. Prof. Ashish Awate
2. Prof. Mayuri Kulkarni

- **Organizing Committee**

1. Prof. Khalid Alfatmi
2. Prof. Bhushan Nandwalkar
3. Prof. Vijaylaxmi Bittal
4. Prof. Umakant Mandawkar
5. Prof. Kiran Somwanshi
6. Prof. Amir Khan Pinjari
7. Prof. Rinku Sharma

- **Total No. of Participants Turned up:** 121 participants from all over the Nation.

- **Outcome of Activity:**

- Participants were able to implement various algorithm is machine learning.
- Participants were able to understands the upcoming trends in AI,ML and Data Science.

49:29 Request control

You're recording You are recording this meeting. Be sure to let everyone know that they are being recorded. Privacy policy Dismiss

PROPOSED FRAMEWORK

- ✓ Ingestion
- ✓ Data handling
- ✓ Analysis
- ✓ Storage
- ✓ Analytics

Tariq Abdullah

MJ MEGHAL JA... +100

Attendees (95) Mute all

- HP HARSHAL PATIL - 14002200033
- HS HIMANSHU SHARMA3 - 1400...
- JR JANVI RAJPUT - 14002180044
- JC JATIN CHAUDHARI - 1400219...
- JG Joao Gaspar Outside your organization
- KS KAJAL SURYAWANSHI - 1400...
- KP KALPESH PATIL - 14002200069
- KD KALYANI DESALE - 14002190...
- KP KISHAN PAWAR - 14002180042
- KW KUNAL WAGH - 14002190050
- LT LINA THAKARE - 14002190047

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45:33 Request control

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TRANSFORMER PARAMETER REDUCTION & DISTILLATION

- ✓ Parameter reduction & distillation provide smaller transformers which are equally efficacious
- ✓ ALBERT & DistilBERT have 89% and 40% fewer parameters, respectively
- ✓ ALBERT utilizes parameter reduction techniques while DistilBERT uses knowledge distillation
- ✓ Comparable performance with significant reduction in runtime for distilled models

Model	Inference Time (m:ss)	Accuracy (%)
DistilBERT	~05:00	97.7
ALBERT base v2	~08:00	98.3
ALBERT large v2	~10:00	98.5
BERT base	~08:00	98.2
BERT large	~48:00	98.4

Tariq Abdullah

MJ MEGHAL JA... +101

Participants

Invite someone or dial a number

Share invite

- Khalid Alfatmi
- Makarand Shahade (Dr.)
- Mayuri Kulkarni
- Ranjit Fule
- SHRADDHA CHANGUNE - 14...
- Tariq Abdullah Outside your organization

Attendees (95)

- AAKASH KOLAPKAR - 140021...
- AP AJAY PAWAR - 14002200072
- AB AKSHAY BRAHME - 14002200...

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Prof. Mayuri Kulkarni/Prof. Ashish Awate
FDP Coordinator

Dr. Makarand Shahade
Convener