



" TSSM'S "

**PADAMBHOOSHAN VASANTDADA PATIL INSTITUTE OF  
TECHONOLOGY**

S.N. 33/22 , Near. ChandniChowk ,Opp. Athashree Project, Pirangut Road, Bavdhan , Pune 411  
021.



Approved By AICTE and Affiliated To SPPU Pune DTE Code : 6122

Accredited By NAAC With "A" Grade

Tel :+918530134040 | +9188305658165 Website : [www.pvpittssm.edu.in](http://www.pvpittssm.edu.in)

**3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and  
abroad for internship, on-the-job training, project work, student / faculty exchange and  
collaborative research during the last five years**

**Activity Reports**

Sr. No.	Year	Name of the institution / industry with whom the MoU / linkage is made	activities under MOU/ linkages	Collaboration / linkage	Digital Page no
1	2023	Pyramid Lifestyle LLP	Internship	Internship	2
2	2023	Samruddhi_Realitor	Internship	Internship	3
3	2023	Nyati Constructions	Industrial Training	Industrial Training	4
4	2023	Royal Yogville Venture	Industrial Training	Industrial Training	5
5	2023	Khinvasara Associates	Internship	Internship	7
6	2023	Pratik Constructions	Internship	Internship	8
7	2023	Sneh Precat Products	Internship	Internship	10
8	2023	Central water Power Research Station (CWPRS)	Field Project	BE Project	11
9	2023	FUEL (FRIENDS UNION FOR ENERGISING LIVES)	Students Training Program	Students Training Program	12-16
10	2023	EDUNET FOUNDATAION	Students Training Program	Students Training Program	17-20
11	2023	Vodafone Idea foundation (VOIS)	Students Training Program	Students Training Program	21-25
12	2023	EDUNET FOUNDATAION	Center of excellence	Center of excellence	26-68
13	2023	Vodafone Idea foundation (VOIS)	University Engagement Program	University Engagement Program	69-73
14	2023	INDOVANCE PVT LTD	Students Training Program	Students Training Program	74-77
15	2023	Radical Technologies	Students Training Program	Students Training Program	78-81
16	2023	EDUNET FOUNDATAION	Students Training Program	Students Training Program	83-86
17	2022	CADD center	Industrial Training	Industrial Training	87-90
18	2022	Seventh Sense Talent Solution	Students Training Program	Students Training Program	91-102
19	2022	Rubicon Soft skill	Students Training Program	Students Training Program	103-120
20	2022	Quick Heal	Hands on Training	Hands on Training	121-129



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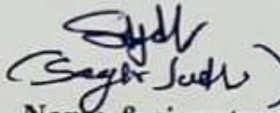
Tel :+918530134040 | +9188305658165 Website : [www.pvpittssm.edu.in](http://www.pvpittssm.edu.in)

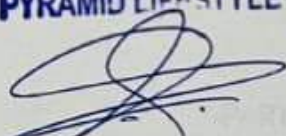
21	2022	Rubicon Life skill	Students Training Program	Students Training Program	130-134
22	2022	CADD center	Students Training Program	Students Training Program	148-152
23	2021	PERI Solutions	Faculty exchange	Expert Lecture	153
24	2021	Dr. D. Y. Patil Institute of Technology	Faculty exchange	Expert Lecture	156
25	2021	COEP	Faculty exchange	Field project	158

### CERTIFICATE

This is to certify that, Mr./Ms. Rohit Anil Gosavi Roll No. B-35, student of TE (Civil) – Sem V of PVPIT, Bavdhan, Pune has satisfactorily completed 30 days of Industrial Training Programme (Internship) in our organization from 15<sup>th</sup> January 2023 to 15<sup>th</sup> February 2023 in partial fulfillment of TE (Civil Engineering) course. Mr Sagar Jadhav has guided him/her during the training period. During this period he/she has completed following activities.

- 1) Bar bending Schedule,
- 2) Centerline,
- 3) Soil testing
- 4) Survey,
- 5) Slab & footing Shuttering

  
(Sagar Jadhav)  
Name & signature of  
Guiding person

**PYRAMID LIFESTYLE LLP**  
  
Name, signature, date and seal  
of organization authority



REF:-

DATE:-

Allotment Letter

To,  
Shubham Devram Nigale

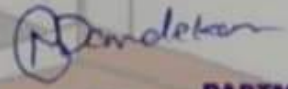
Subject: - Allotment Letter regarding Internship

We are pleased to permit the mention Student of Civil Engineering of Industrial Site as site engineer

Date of Commencement of the Internship: 10<sup>th</sup> February 2023

The Student should show keen interest in learning the concept related to the internship and follow the instruction given by the developer guide for the successful completion of the internship

For Samruddhi Realtor and Construction  
**SAMRUDDHI REALTOR AND CONSTRUCTION**



**PARTNER**  
Partner







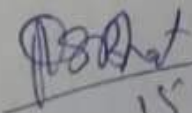
+91-20-6686 3333  
+91-20-6686-3332  
epc@nyatigroup.com  
info@nyatigroup.com  
www.nyatigroup.com

## CERTIFICATE

This is to certify that, **Mr. Sindafale Vitthal Chandrakant** Roll No. **B50** student of TE (Civil) – Sem V of PVPIT, Bavdhan, Pune has satisfactorily completed 30 days of Industrial Training Programme (Internship) in our organization from 15<sup>th</sup> January 2023 to 15<sup>th</sup> February 2023 in partial fulfillment of TE (Civil Engineering) course. **Mr. Shubham Gayakwad** has guided him/her during the training period. During this period he/she has completed following activities.

- 1) Drawing Reading
- 2) Checklist of column, footing and beam
- 3) Taking levels with auto level and water level tube
- 4) calculations of quantity of concrete required for footing.
- 5) Bar Bending Schedule

Name & signature of  
Guiding person

  
15.02.2023  
6:00 PM  
Name, signature, date and seal  
of organization authority

**NYATI ENGINEERS & CONSULTANTS PRIVATE LIMITED**

CIN -U45309PN2019PTC181952

Head Office : Nyati Unitree, Survey No. 103/129, Plot B+C CTS No. 1995 and CTS No. 1996B,  
Yerwad, Pune-Nagar Road, Pune 411006, India

## CERTIFICATE

This is to certify that, **Mr. Abhijeet Sushen Kudke** Roll No. A-59, student of TE (Civil) – Sem V of PVPIT, Bavdhan, Pune has satisfactorily completed 24 days of Industrial Training Programme (Internship) in our organization namely 'Yogville' situated at Sr. No. 26, Dhayari, Pune from 23<sup>rd</sup> January 2023 to 15<sup>th</sup> February 2023 in partial fulfillment of TE (Civil Engineering) course. Mr. Amol Sarode has guided him during the training period. During this period he has completed following activities.

- 1) Excavation Work
- 2) RCC Work (Raft, Column Footings, Slab etc.)
- 3) Tiling Work
- 4) Gypsum Work
- 5) Plumbing Work
- 6) Electrical Work

Handwritten signature of Mr. Amol Sarode in black ink.

**Mr. Amol Sarode**  
Guiding person

Date: 01.03.2023

Handwritten signature of Mr. Rajesh G. Deshmukh in black ink.

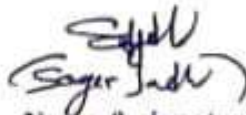
**Mr. Rajesh G. Deshmukh**  
Partner  
M/s. Royal Yogville Ventures



**CERTIFICATE**

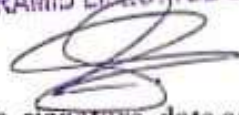
This is to certify that, Mr./MsAjinkya Navnath Nalwade Roll No. B-09, student of TE (Civil) – Sem V of PVPIT, Bavdhan, Pune has satisfactorily completed 30 days of Industrial Training Programme (Internship) in our organization from 15<sup>th</sup> January 2023 to 15<sup>th</sup> February 2023 in partial fulfillment of TE (Civil Engineering) course. Mr Sagar Jadhav has guided him/her during the training period. During this period, he/she has completed following activities.

- 1) Bar Bending schedule
- 2) centerline
- 3) soil testing
- 4) survey
- 5) slab & footing shuttering.



Name & signature of  
Guiding person

PYRAMID LIFESTYLE LLP



Name, signature, date and seal  
of organization authority



# Khinvasara

A S S O C I A T E S

CIVIL ENGINEER & CONTRACTOR

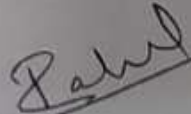
1297, Nilkanth Apt., Near Hotel Swan Inn, Shivajinagar, Pune - 411 005  
☎: 25531379 Mob. 9822086746

## CERTIFICATE

This is to certify that, Mr./Ms. **Chatrabhuj Vishwanath Raut**-----  
----- Roll No. ---**TE B35**-----, Student of **TE (Civil) – Sem V of PVPIT, Bavdhan, Pune** has satisfactorily completed 30 days of Industrial Training Programme (Internship) in our organization from 15<sup>th</sup> January 2023 to 15<sup>th</sup> February 2023 in partial fulfillment of TE (Civil Engineering) course., For **M./s Khinvasara Associates** Add: S no 1297, Nilkanth Apt, Shivajinagar, Pune: 5 & Prop **Mr ...Rahul...Khinvasara...** has guided him/her during the training period. During this period he/she has completed following activities.

- 1) Slab Casting
- 2) Column checkinhg & Casting
- 3) Slab Steel Quantity work

Name , signature, and seal

  
of organization authority





## EXPERIENCE CERTIFICATE

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Mr. Abhijeet Dethe, Roll No. A-21, student of TE (Civil) – Sem V of PVPIT, Bavdhan, Pune has satisfactorily completed 30 days of Industrial Training Programme (Internship) in our organization from 15<sup>th</sup> January 2023 to 15<sup>th</sup> February 2023 in partial fulfillment of TE (Civil Engineering) course. Mr. Pratik Phulari has guided him during the training period. During this period he/she has completed following activities.

- 1) Mix Design
- 2) Site Inspections
- 3) Quantity Calculation
- 4) Slab checking



Name & signature of  
Guiding person

**Pratik D. Phulari**  
Pratik D. Phulari (Mtech ~~Structural~~ Structural Consultant  
License No 430

A.M.I.E, I.S.S.E

Name, signature, date and seal  
of organization authority







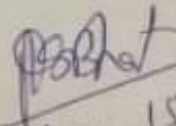
+91-20-6686 3333  
+91-20-6686-3332  
epc@nyatigroup.com  
info@nyatigroup.com  
www.nyatigroup.com

## CERTIFICATE

This is to certify that, **Ms. Bhosale Sakshi Netaji** Roll No. **A - 13**, student of TE (Civil) - Sem V of PVPIT, Bavdhan, Pune has satisfactorily completed 30 days of Industrial Training Programme (Internship) in our organization from 15<sup>th</sup> January 2023 to 15<sup>th</sup> February 2023 in partial fulfillment of TE (Civil Engineering) course. **Mr. Swapnil Rajmane** has guided him/her during the training period. During this period he/she has completed following activities.

- 1) Find out the Quantity of Steel for a footing & Calculation of No. Of Bars.
- 2) Observation of Footing Concreting.
- 3) Observation of Retaining Wall Concreting.
- 4) Observation of Plum Wall Concreting.
- 5) Calculation of Length of Steel for a Column.

Name & signature of  
Guiding person

  
15.02.2023  
6. WPM  
Name, signature, date and seal  
of organization authority

**NYATI ENGINEERS & CONSULTANTS PRIVATE LIMITED**

CIN -U45309PN2019PTC181952

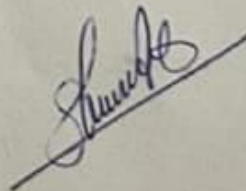
Head Office : Nyati Unitree, Survey No. 103/129, Plot B+C CTS No. 1995 and CTS No. 1996B,  
Yerwad, Pune-Nagar Road, Pune 411006, India

## CERTIFICATE

This is to certify that, **Mr. Sarthak Rajaram Kulat** Roll No. A-60, student of TE (Civil) – Sem V of PVPIT, Bavdhan, Pune has satisfactorily completed 30 days of Industrial Training Program (Internship) in our organization from 15<sup>th</sup> January 2023 to 15<sup>th</sup> February 2023 in partial fulfillment of TE (Civil Engineering) course. **Mr. Pankaj Patil** has guided him during the training period. During this period he has completed following activity.

- 1) RCC Pipe Manufacturing Process
- 2) RCC Pipe Testing Methods

**Mr. Pankaj Patil**  
Pipe Plant Production

  
**Mr. Vilas Shinde**  
Plant Head (Unit- II)



### SNEH PRECAST PRODUCTS

Factory Add - Unit 1, Gat No. 64, Bhawadi, Tal, Havelli, Dist. Pune - 412207

Factory Add - Unit 2, Gat No.1083, Markal, Taluka - Khed, Pune - 412105

Office Add - 406, Pride Icon, Kharadi, Pune 411014



सत्यमेव जयते

भारत सरकार / Government of India  
जल शक्ति विभाग / Ministry of Jal Shakti  
जल संसाधन, नदी विकास और गंगा संरक्षण विभाग  
Department of Water Resources, River Development and  
Ganga Rejuvenation

केन्द्रीय जल और विद्युत अनुसंधान शाला  
खडकवासला, पुणे - 411 024

CENTRAL WATER & POWER RESEARCH STATION  
Khadakwasla, Pune - 411 024



सकल कल्याणम्

ONE EARTH - ONE FAMILY - ONE FUTURE



No. TC-2023/504

Date: 26<sup>th</sup> May 2023

26 MAY 2023

### CERTIFICATE

This is to certify that Shri Narayan D. Satpute, Shri Shubham S. Ghate, Shri Heramb R. Bankar and Shri Kiran M. Kolte, B.E. (Civil) students from Department of Civil Engineering, TSSM's Padmabhooshan Vasantdada Patil Institute of Technology, Pune have satisfactorily completed their Project under the supervision and guidance of Shri Hanumanthappa M. S., Scientist 'D', CWPRS, Pune during Academic year 2022-23.

The topic of their project was "Design of Buttress for a Masonry Dam during Strengthening by Analytical Method".

During the period of their Project Work, they were punctual, hard working and inquisitive. We wish them good luck in future.

(एस. जी. मंजुनाथ / S. G. Manjunatha)  
वैज्ञानिक 'ई' (तकनीकी समन्वय)  
Scientist 'E' (Technical Co-ordination)  
For Director, CWPRS



दूरभाषण : 020-24103378  
फैक्स : 020-24381004

ई-मेल : [cro\\_tc@cwprs.gov.in](mailto:cro_tc@cwprs.gov.in)  
वेबसाइट : [www.jalshakti-dowr.gov.in](http://www.jalshakti-dowr.gov.in), [www.cwprs.gov.in](http://www.cwprs.gov.in)





**TSSM'S**  
**PADMABHOOSHAN VASANTDADA PATIL INSTITUTE OF**  
**TECHNOLOGY, Bavdhan Pune**  
**Training and Placement cell**



## Aptitude Training Program

### Objective:

The sole objective of imparting aptitude training is to make students able to critically evaluate various real-life situations by resorting to an analysis of key issues and factors. They should be smart enough to read between the lines and understand various language structures.



THE SHRI KANAKSHIJI MANDAL'S  
**PADMABHOOSHAN VASANTDADA PATIL**  
**INSTITUTE OF TECHNOLOGY (PVPIT, PUNE)**  
 Near Chandani Chowk, Kothrud, Pune  
Approved by M.C.T.E. Govt. of Maharashtra & Affiliated to Savitribai Phule Pune University




organised by  
**TRAINING AND PLACEMENT CELL**

# APTITUDE TRAINING PROGRAM

B.E. 2024 Batch

Powered by FUEL



- 📅 Date : 17/07/2023 to 21/07/2023
- 🕒 Time : 11.00 am To 3.30 pm
- 📍 Venue : VC Hall, PVPIT

**Coordinator : Prof. Ankush Khansole**

Patrons

Hon. G. T. Sawant Vice-Chancellor	Dr. V. A. Bugade Deputy VC	Dr. R. S. Karale Dean	Dr. R. S. Pawar Principal	Prof. A. Shrivastava HOD
--------------------------------------	-------------------------------	--------------------------	------------------------------	-----------------------------



Training and placement Department has organized Aptitude Training Program under the "Preplacement activities" Powered by FUEL for Final year students of all branch. The session inaugurated with Saraswati puja. Introduction about college was given by TPO Prof. Akash Shrivastav and Felicitation of guest done by the hands of Principal Prof. Dr. R. S. Pawar. Around 200 B. E. students were present for the session.



### Inauguration of Aptitude Training Program

Training and placement officer Prof. Akash Shrivastav sir explain the importance of training. Sir, guided the students about placement and how it is important as per placement point of view. The trainer Mr. Sanjay Singh Kilanot, the training powered by FUEL Aptitude training program 2023.

#### Topics covered -

1. Time and Work
2. Time, Speed and Distance





3. Permutations and Combinations
4. Percentage
5. Profit and Loss
6. Simple interest and compound interest
7. Ratio and Proportion
8. Probability
9. Directions and counting figures
10. Mixture and allegation

**200+ B. E. students** from all department Mechanical Engineering, Civil Engineering, ENTC and Computer Engineering have attended positively.



**Students have attended training program positively**



**Student feedback:**

Name: Meharaj Gadhia  
 College: DTSSM'S PVPIT  
 Branch: Computer Science  
 Subject: Feedback for aptitude training provided by FUE  
 Trainer: Sunjay Singh Khosla  
 Feedback: aptitude training conducted by Sunjay Sir was very good. It helped me a lot with the concepts & I learnt some good concepts. Overall the training was good. The way they deliver the material & I think it will be very helpful in aptitude exams.

Name: Adarsh  
 College: FUEP, Andhra Pradesh  
 Branch: Computer  
 Date: 21/06/20  
 Feedback: Feedback for aptitude training provided by FUEP. The training was very good. It helped me a lot with the concepts & I learnt some good concepts. Overall the training was good. The way they deliver the material & I think it will be very helpful in aptitude exams.

Name: Vishal Indurkar  
 College: PVT  
 Subject: Feedback of aptitude training by FUEP  
 Full Trainer: Sunjay Singh Khosla  
 Feedback: The training was really very helpful. It helped me to enhance my knowledge in aptitude. Thank to FUEP for arranging such great session.

Name: Pooja Kulkarni  
 College: PVT  
 Branch: IT  
 Date: 21/06/20  
 Feedback: The aptitude training was very good. It helped me a lot with the concepts & I learnt some good concepts. Overall the training was good. The way they deliver the material & I think it will be very helpful in aptitude exams.

**Outcome:**

All B.E. students given positive feedback about Aptitude Training Program. It will surely helpful for placement drives and competitive exams. Students are able to solve quantitative and qualitative question with tricks.

TPC-Mech  
Prof. A. B. Khosla  
TPO  
TPO  
Principal  
Prof. Abhushan Vasantdada Patil Institute of Technology, Bavdhan, Pune  




## Student feedback:

Name: Koushal Sachin Kapadni  
 College: DTSSM'S PVPZIT  
 Branch: Computer Science  
 Subject: Feedback for 05-day aptitude training provided by FUEL  
 Trainer: Sanjay Singh Kadam  
 Feedback: - aptitude training conducted by Sanjay sir was very good. He started with basic & taught some good concepts about aptitude training. Sanjay sir also provided with some material & I think it will be very helpful in aptitude exams.

Name: Koushal Sachin Kapadni  
 College: DTSSM'S PVPZIT  
 Branch: Computer Science  
 Subject: Feedback for 05-day aptitude training provided by FUEL  
 Trainer: Sanjay Singh Kadam  
 Feedback: - aptitude training conducted by Sanjay sir was very good. He started with basic & taught some good concepts about aptitude training. Sanjay sir also provided with some material & I think it will be very helpful in aptitude exams.

Name: Vishal Indurkar  
 College: PVPZIT  
 Sub: Feedback of aptitude training by FUEL  
 FUEL Trainer: Sanjay Singh Kadam  
 Feedback: The training was really very helpful. It helped me to enhance my knowledge in aptitude. Thanks to FUEL for arranging such great session.

Name: Kunal Dada Gupta  
 College: PVPZIT, Bavdhan  
 Branch: IT  
 Sub: Aptitude training Feedback (5-days)  
 Provided by FUEL  
 Trainer: Sanjay Singh Kadam  
 Feedback: The aptitude training was very good. It was very helpful in preparing placement activities. A course roll on all the topics of study material should have helped.

## Outcome:

All B.E. students given positive feedback about Aptitude Training Program. It will surely helpful for placement drives and competitive exams. Students are able to solve quantitative and qualitative question with tricks.

  
 TPC-Mech  
 Prof. A.B. Khair  
  
 TPO  
 Prabhushan Vasantdada  
 Natil Institute of Technology  
 Bavdhan, Pune  
  
 Principal  


ML Learning & Stat  
Modeling & Predi  
Analytics



TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.

**Training & Placement Department Activity Report**

**SAP Code Unnati Program**

Sr. No.	Department	Activity Name	Date
1	Training & Placement Department	Machine Learning Statistical modeling & Predictive analytics	3-Oct to 6-Oct-2023



TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.

**Training & Placement Department Activity Report**

**Name of Resource Person-** 1. Master Trainer / Mr. Amol Patil  
2. Mr. Mario Sir.

**Date** – 3-Oct to 6-Oct-2023

**Duration of Course** – 4 Days

**Class** – BE (COMP/ENTC/MECH/CIVIL)

**Venue-** Seminar Hall & Research lab

**Mode of activity-** Physical

**Aim-** The aim of machine learning is to develop algorithms and models that enable computers to learn and make decisions or predictions without being explicitly programmed. The core idea is to create systems that can automatically improve their performance over time by learning from data.

New Hire Training/ Personality Development/ Employability Skills		
Sr. No.	Topic	Learning Objectives
1	Formal Introduction	To learn About Code unnati program overview, About this workshop & outcome, HR Perspectives, Way forward & growth.
2	Machine Learning	To learn Machine Learning, real life application of m/c Learning, Supervised vs unsupervised learning, Scikit Learn library Overview.
3	Supervised Machine Learning Model	To learn linear regression, cross validation & bias variance trade off, logistic regression, k-NN using python.
4	Unsupervised Machine Learning Model	To learn about k- means Clustering Concept, Dimensional reduction techniques – PCA,LDA,GDA.



5	Machine Learning with IoT	To learn Data collection using sensors, predictive modelling using data collected from sensors.
6	Internet of things	To learn market opportunities & use cases. hands on with raspberry pi & grove pi+.
7	Creating GUI	TO creating GUI INTERFACE to communicate with sensor and display.

*List of Students-*

Department	List Of Student Present
Computer Dept	54
ENTC Dept	55
Mechanical Dept	02
Civil Dept	05

*Photographs-*






**Outcomes:** - Under this program, students trained by Corporate Trainer to enhance with advanced technical skills relevant to their respective fields and Facilitating potential job opportunities and collaborations.

  
Prof. Akash Shrivastava

TPO

Parmabhusan Vasantdada  
Patil Institute of Technology,  
Bavdhan, Pune



  
Prof. Dr. R.S. Pawar  
Principal (PVPIT)

Parmabhusan Vasantdada Patil  
Institute of Technology  
Bavdhan, Pune-411021

Signature



TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.

Training & Placement Department Activity Report

\_VOIS 2022-23

Sr. No.	Department	Activity Name	Date
1	Training & Placement Department	Machine Learning Certification Program	17-October-2023



TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.

### Training & Placement Department Activity Report

Name of Resource Person – Mr. Mahesh Kurhe Sir

Date – 17-October-2023

Duration of Course – 1 Day

Class- F.E And B.E (COMP/E&TC/MECH/CIVIL)

Venue- VC Hall PVPIT Pune

#### Mode of activity Physical

**Aim** - Our aim is to build a sustainable digital society that is inclusive for all, where technology and connectivity are enhancing the future and improving people's lives.

Learning Objectives		
Sr. No.	Topic	Learning Objectives
1	Formal Introduction	To learn About <b>Vodafone Intelligent Solutions</b> .
2	About Program	As part of the program, the students will get a peek into the actual industry use-cases in which these technologies are already being leveraged, and also get to know what jobs are there in the industry from these fields and what do they entail.
3	To Learn IR 4.0 technologies	The world adopting IR 4.0 technologies rapidly and ubiquitously.
4	L.M.S	The students can explore the LMS to enroll into certifications of their choice from the Given tech categories.



5	Course Offer	Data Analytics, Machine Learning, AI, Cloud Computing, Cyber security, Block chain, Power BI, Full stack Web Development, and many more.
6	Faculty Course	To Learn about "Deep Learning based anomaly onset aware remaining useful life estimation of bearings", "Explainable AI for Multimodal Credibility Analysis, And many more.
7	Presentation Skills	To articulate your thoughts through Power point presentation
8	Multiple Activities	VMS is provided Expert Talks, Boot camps, internships and placement.

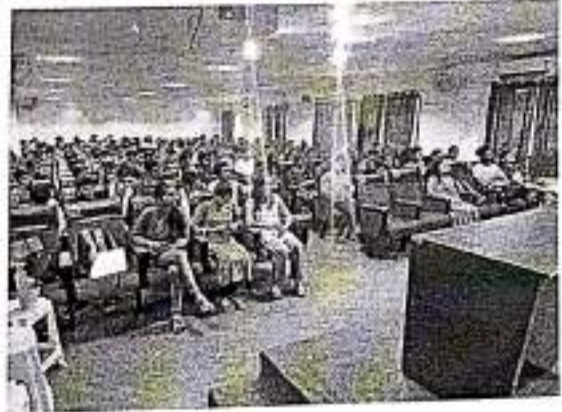
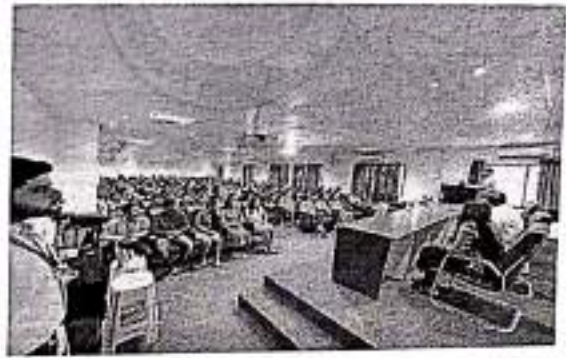
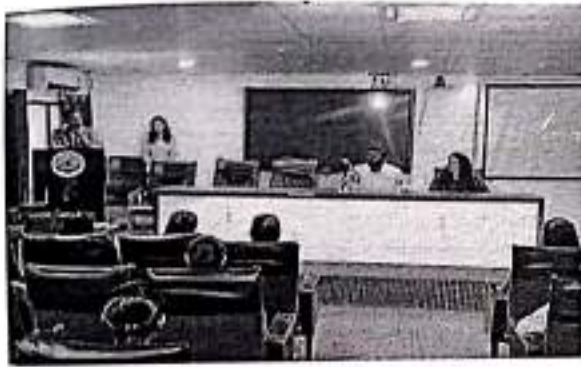
### List of Students-

Department	List Of Student Present
F.E (A, B, C)	138
F.E (D, E, F)	120
B.E ( COMP/E&TC/MECH/CIVIL)	87

### Photographs-







**Outcomes:** - Under this program, students trained by Corporate Trainer to enhance with advanced technical skills relevant to their respective fields and Facilitating potential job opportunities and collaborations.

  
Prof. Akash Shrivastava

**TPO TPO**  
Padmabhushan Vasantdada  
Patil Institute of Technology,  
Bavdhan, Pune  
Signature



  
Prof. Dr. R.S. Pawar

**Principal (PVPIT)**  
**PRINCIPAL**  
Padmabhushan Vasantdada Patil  
Institute of Technology  
Bavdhan, Pune  
Signature

Certificate-



**VI**

Vedatove Idea Foundation

**\_VOIS**



# Certificate of Completion

Presented to

**Abhishek Ghaisas**

For the successful completion of

Machine Learning Basics

Issued on: 17 October 2023

ID: 3fwwFSBq2



**Faculty Development Program**  
**Machine Learning, Computer Vision, IoT, SAP ABAP**  
**5 Days Workshop**

**Workshop Objective/Outcome:**

- To bridge the industry-academic gap by preaching the latest technology trends
- Exposure to different concepts, tools and algorithms in building intelligent systems through experiential learning
- Learn how to use Python libraries to develop Machine learning applications
- Use data analytics tools and technologies with ease
- Translate data-driven insights into decisions and actions.
- Equip themselves with knowledge in areas of Data Analytics, AI, ML and computer vision, Deep Learning

**Workshop Prerequisite:**

- Prior knowledge of basic python and its packages like NumPy, Pandas, and scikit-learn would be an advantage
- Working experience of Python Programming tools and IDE like Anaconda and Jupyter notebook
- Prior basic knowledge of Linux commands and familiar with Linux environment

**Tools/Software requirements**

- Laptop/Computer with minimum i3 processor, 4GB RAM running with 64-bit Ubuntu 20.04 LTS along with access of internet connection with adequate speed
  - [Download Ubuntu 20.04](#)
  - [Dual boot installation guide](#)
- Anaconda for with python 3
  - [Download Anaconda for Linux](#)
  - [Click here for Anaconda Installation guide for Linux](#)

**NOTE:**

\*Uninterrupted high-speed LAN and Wi-Fi connectivity without any proxy is necessary for the training program





Workshop Agenda

Sl. No.	Topic Description	Duration (Hrs.)
	<b>FDP Pre-assessment</b>	
	<b>Day-1</b>	
1.	<p>Introduction – Workshop Agenda, Objective</p> <p><b>Data Analytics with Python</b></p> <ul style="list-style-type: none"> <li>Numerical Python - NumPy</li> <li>Pandas (Data Manipulation and data analysis)</li> <li>Data Visualization Using Matplotlib and Seaborn</li> </ul> <p><b>Machine Learning Algorithms</b></p> <ul style="list-style-type: none"> <li>Introduction – Machine Learning – Supervised, unsupervised ML</li> <li>Linear Machine learning model (linear regression/ logistic regression and it's Evaluation matrices).</li> <li>Regularization Techniques (Lasso &amp; Ridge)</li> </ul>	6
	<b>Day-2</b>	
2.	<p><b>Machine Learning Algorithms</b></p> <ul style="list-style-type: none"> <li>Ensemble Machine learning models</li> <li>Dimensionality Reduction Techniques (PCA)</li> <li>Non-Linear Model (SVM &amp; KNN)</li> </ul>	6
3.	<p><b>Deep Learning</b></p> <ul style="list-style-type: none"> <li>Neural Networks – Neurons, Loss Functions, Weights</li> <li>Gradient Descent and Back propagation</li> <li>Convolutional Neural Network</li> <li>Computer Vision – With Open cv and Keras</li> </ul>	
	<b>Day-3</b>	
4.	<p><b>Hands-on session on Computer vision</b></p> <ul style="list-style-type: none"> <li>Canny edge detection</li> <li>Viola-Jones Algorithm for face detection</li> <li>Face detection</li> <li>Full body detection</li> <li>Number plate detection</li> </ul>	6
5.	<p><b>IoT Fundamentals</b></p> <ul style="list-style-type: none"> <li>Internet Usage and Population Statistics.</li> <li>IoT in Technical Perspective.</li> <li>Introduction to Raspberry Pi 4B.</li> <li>Installation of operating system on Raspberry PI</li> </ul>	



Day-4		
6.	<p><b>Hands on with Raspberry pi and GrovePI+</b></p> <ul style="list-style-type: none"> <li>• Hardware connection for GrovePI+</li> <li>• Sensors and Actuators</li> <li>• LED interfacing with Raspberry PI</li> <li>• Light Sensor interfacing with Raspberry PI</li> <li>• Automatic streetlight</li> <li>• Button interfacing with Raspberry PI</li> <li>• Ultrasonic Sensor interfacing with Raspberry PI</li> </ul> <p><b>Networking and Cloud for IoT</b></p> <ul style="list-style-type: none"> <li>• IoT Protocol stack - Wi-Fi, Bluetooth, MQTT, HTTP</li> <li>• Cloud platforms for IoT</li> <li>• Weather station using Raspberry PI and Thingspeak</li> </ul>	6
Day-5		
7.	<p><b>Introduction to SAP tools and its applications</b></p> <p><b>SAP Business Technology Platform ABAP Environment</b></p> <ul style="list-style-type: none"> <li>• Creating a BTP ABAP Environment</li> <li>• Creating an ABAP Package</li> <li>• Perform various mathematical operation</li> <li>• Condition statement and looping with ABAP</li> <li>• Creating a Database Table</li> <li>• Create an ABAP Class</li> <li>• WAP to print "Hello World"</li> <li>• Perform various mathematical operation using ABAP</li> <li>• Conditional statement and looping with sap ABAP</li> <li>• Insert Data Table Entries and print them on the console</li> </ul>	6
<b>FDP Post assessment and Feedback</b>		



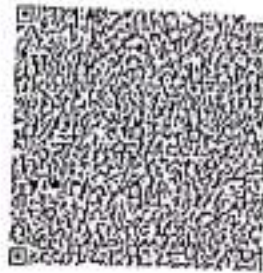
Tax Invoice

Chandrar Chauhan

e-Invoice

(New Lab)

IRN : 50d8bf0b7a9f2ade37ecf642f42299eb0e84f7db476c1be5-db2ae1878aa6cne95  
 Ack No. : 122316035108161  
 Ack Date : 15-Mar-23



<b>R SQUARE INFO(2021-2023)</b> 502,5TH FLR RAJENDRA KUNJ 31,DR,D.B MARG MUMBAI CENTRAL GSTIN/UIN: 27BKBPJ6469C1Z6 State Name : Maharashtra, Code : 27 E-Mail : rsquareinfo374@gmail.com	Invoice No.	e-Way Bill No.	Dated
	633		15-Mar-23
Buyer (Bill to) <b>P&amp;D Global Technologies Pvt Ltd</b> RZ-116, KH. NO.-330, BLK-X-3, SHYAM MANDIR GALLI, NEW ROSHAN PURA NAJAFGARH New Delhi GSTIN/UIN : 07AAICP5498C2Z4 State Name : Delhi, Code : 07	Delivery Note	Reference No. & Date.	Other References
	Buyer's Order No.	Dispatch Doc No.	Dated
	Dispatched through	Destination	
	<b>GOLBAL</b>	Padmabhushan Vasantdada Pali	

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate	per	Disc. %	Amount
1	DELL SERVER(84715000) DELL T440 XEONGOLD -16GB-1TB-NO OS WITH KEYBOARD AND MOUSE	84715000	1 Pcs	2,57,830.00	2,18,500.00	Pcs		2,18,500.00
2	LENOVO DESKTOP(84715000) IDEACENTRE I511TH-8GB-512GB-W11-ODD	84715000	20 Pcs	52,100.00	44,152.54	Pcs		8,83,050.80
3	MONITER(85285200) LENOVO 18.5	85285200	20 Pcs	5,900.00	5,000.00	Pcs		1,00,000.00
4	PENDRIVE(85235100) SANDISK MICRO SD CARD	85235100	20 Pcs	525.01	444.92	Pcs		8,898.40
5	SOUND CARD(84733099)	84733099	10 Pcs	1,062.00	900.00	Pcs		9,000.00
6	PROJECTOR(85286900) 26% ZEBRONICS PIXAPLAY	85286900	1 UNIT	21,000.00	16,406.25	UNIT		16,406.25
7	PROJECTION SCREEN MAP(90106000) 84INCH	90106000	1 Pcs	1,652.00	1,400.00	Pcs		1,400.00
8	CABLE(85444999) RJ45	85444999	20 Pcs	118.00	100.00	Pcs		2,000.00
9	WHITE BOARD(9610) 4*6FT	9610	1 Pcs	4,130.00	3,500.00	Pcs		3,500.00
10	SPEAKAR (851822)	851822	1 Pcs	2,850.00	2,500.00	Pcs		2,500.00
11	CABLE(85444999) MIRCO HDMI TO HDMI	85444999	20 Pcs	247.80	210.00	Pcs		4,200.00
								12,49,455.45
IGST								2,26,542.60

INVOICE NO 3050  
 दिनांक 16/03/23

continued to page number 2

This is a Computer Generated Invoice  
 जारी करवाया है पत्र पत्र  
 जारी नंबर 80 H-12-10-1857  
 जारी करने वाली कंपनी





Tax Invoice (Page 2)

<b>SQUARE INFO(2021-2023)</b> 002,5TH FLR RAJENDRA KUNJ 31,DR,D B MARG MUMBAI CENTRAL GSTIN/UIN: 27BKBPJ6469C126 State Name : Maharashtra, Code : 27 E-Mail : rsquareinfo374@gmail.com	Invoice No.	e-Way Bill No.	Dated
	633		15-Mar-23
Buyer (Bill to) <b>P&amp;D Global Technologies Pvt Ltd</b> RZ-116, KH. NO.-330, BLK-X-3, SHYAM MANDIR GALI, NEW ROSHAN PURA NAJAFGARH New Delhi GSTIN/UIN : 07AAICP5498C2Z4 State Name : Delhi, Code : 07	Delivery Note	Other References	
	Reference No. & Date.		
	Buyer's Order No.	Dated	
	Dispatch Doc No.	Delivery Note Date	
	Dispatched through	Destination	
	<b>GOLBAL</b>	Padmabhushan Vasantdada Patil	

Sl No	Description of Goods	HSN/SAC	Quantity	Rate (Incl. of Tax)	Rate	per	Disc %	Amount
	Loss: <b>ROUND OFF</b>							(-)0.05
<b>Total</b>								<b>₹ 14,75,998.00</b>

Amount Chargeable (in words) **INR Fourteen Lakh Seventy Five Thousand Nine Hundred Ninety Eight Only** E & O E

HSN/SAC	Taxable Value	Integrated Tax Rate	Amount	Total Tax Amount
04716000	11,01,550.00	18%	1,98,279.14	1,98,279.14
05205200	1,00,000.00	18%	18,000.00	18,000.00
05235100	8,808.40	18%	1,601.71	1,601.71
04733000	9,000.00	18%	1,620.00	1,620.00
05280000	16,408.25	28%	4,593.75	4,593.75
00106000	1,400.00	18%	252.00	252.00
05444900	6,200.00	18%	1,116.00	1,116.00
0910	3,500.00	18%	630.00	630.00
051022	2,500.00	18%	450.00	450.00
<b>Total</b>			<b>2,26,542.60</b>	<b>2,26,542.60</b>

Tax Amount (in words) : **INR Two Lakh Twenty Six Thousand Five Hundred Forty Two and Sixty paise Only**

Company's PAN : **BKBPJ6469C**

Declaration: We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for R SQUARE INFO(2021-2023)

This is a Computer Generated Invoice

3050  
 Authorised Signatory  
 PVPIT  
 16/02/23  
 PVPIT  
 12-11-2023  
 12-11-2023



# Code Unnati – Centre of Excellence

## Course Outline – 2023-24

	Content Type	Duration (Hours)				Delivery Type	Delivery Mode
		2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year			
1	Core Deep Tech offering	~40	~55	~20	Instructor led	Hybrid	
2	Industry Specific Modular Offering	~10	~15	~20	Instructor led	Hybrid	
3	Employability skills	-	~15	~15	Instructor led	Hybrid	
4	Capstone Project	~20	~30	~60	Instructor led	Hybrid	
<b>Year wise Total Hours</b>		<b>70</b>	<b>115</b>	<b>115</b>			



## Objective

- Enable students to adopt industry 4.0 technologies such as machine Learning, Internet of things, Computer Vision, Deep Learning, SAP Modules etc. and solve some real-life, Industry Specific, Community problems Using Technologies.
- Students should leverage the center of excellence to learn IR 4.0 Technologies to enhance exponential career growth.

## Learning outcomes:

- Demonstrate fundamentals of Python tools and its data analytics libraries.
- Apply the basic principles, models, and algorithms of AI to recognize, model, and solve problems in the analysis and design of information systems.
- Analyze the structures and algorithms of a selection of techniques related to machine learning and Artificial Intelligence.
- Able to design and implement various machine learning algorithms in a range of real-world applications.
- Appreciate the underlying mathematical relationships within and across Machine Learning algorithms and the paradigms of supervised and unsupervised learning.
- Be able to identify new application requirements in the field of computer vision using Deep Learning.
- Able to solve real life challenges on computer vision technology.
- Design Prototype level solution using IoT.
- Demonstrate Industry Specific Modules, SAP Technical Modules -SAP ABAP, SAP HANA, SAP analytics Cloud

## Prerequisites:

- Basic Knowledge of using internet and computer systems.
- Basic understanding of problem solving.
- Introductory understanding of programming.
- Elementary concepts of Probability theory, Statistics & Continuous variable Calculus.





## Year – II

## Foundation Course

Duration - 50 Hours

Capstone Project - 20 Hours

### Foundational skills for I.R 4.0

#### Python Basic

- Python Programming Language – Basic, Overview
- Python setup – Getting started with programming
- Python object and data structure – Data types, variables
- Python Data structures – Tuples, set, Dictionaries, List, String, Numbers etc.
- Python Comparison operators

5 Hours

#### Python Advance

- Python Statements – if & elif, else, for loops, while loops
- Python Methods & function
- Python errors and Exception handling
- Python Module and Packages
- Final Capstone Project on Python – Simple application using Python

10 Hours

#### Python for Advanced Mathematical Operation – NumPy

- Introduction to NumPy
- Statistical analysis using NumPy
- Perform Random Number generation using NumPy
- Perform Mathematical Operation using NumPy
- Matrix Manipulation
- Perform Various operation on Arrays
- Use cases of NumPy

5 Hours

#### Data Analysis using Pandas

- Introducing Pandas object , Series and DataFrame
- Reading data from files
- Dropping entries from an axis
- Indexing and selection operators
- Perform Arithmetic and conditional alignment using Pandas
- Identify Unique values and value counts
- Handling missing values from Dataset
- Pandas Groupby Methods

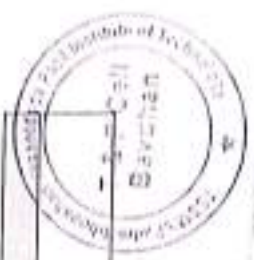
5 Hours



<p><b>Data Visualization using Matplotlib</b></p> <ul style="list-style-type: none"> <li>• Introduction to Matplotlib</li> <li>• Various types of plotting and Visualization</li> <li>• Figures and subplot</li> <li>• Colors, Markers and Line styles</li> <li>• Histograms and Binning</li> <li>• Text and Annotation</li> <li>• Line Plots, Bar Plots, Scatter Plots, pie chart</li> <li>• Ticks, Labels and Legends, subplots</li> <li>• Three-Dimensional Plotting in Matplotlib</li> </ul>	5 Hours
<p><b>Data Visualization using Seaborn</b></p> <ul style="list-style-type: none"> <li>• Introduction to Seaborn</li> <li>• Distribution plot</li> <li>• Categorical plot</li> <li>• Matrix, Grid, Regression plot</li> <li>• Style and color in seaborn</li> <li>• Heatmap and other plotting styles</li> </ul>	5 Hours
<p><b>Artificial Intelligence – Basic</b></p> <ul style="list-style-type: none"> <li>• AI – Overview, Market opportunities, Future</li> <li>• AI in different domains, AI in healthcare, AI in education, AI in automobile etc.</li> <li>• Use cases, Demos, Teachable machine, AI duet etc.</li> </ul>	5 Hours
<p><b>Industry Specific tools – SAP</b></p> <ul style="list-style-type: none"> <li>• SAP – Overview, various services offered by SAP, SAP products</li> <li>• SAP AI conversational Chatbot application – Hand on</li> <li>• Introduction to chatbot</li> <li>• Deployment of chatbot to third party application</li> </ul>	10 Hours

<p><b>Capstone Project</b></p> <ul style="list-style-type: none"> <li>• Capstone Project is based on learning and students create prototype level solution for real life problems.</li> <li>• Design Thinking – Way to solve problems with creative thinking.</li> </ul>	20 Hours
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\* Note – Final assessment and Capstone Project will be criteria for Course completion certificate.



Year – III

## Advance Course

Duration - 70 Hours

Capstone Project - 30 Hours

### Statistical modelling and predictive analytics – Machine Learning

25 Hours

- Introduction – Machine Learning
- Introduction to Machine Learning
- Real time applications of Machine Learning
- Supervised Vs Unsupervised Machine learning
- Scikit Learn library overview
- Regression vs Classification
- Evaluating Performance – Classification Error Metrics
- Evaluating Performance – Regression Error Metrics.
- Ensemble Techniques for Classification and Regression.
- Supervised Machine Learning Model
- Linear Regression – Concept
- Linear Regression using Python – Scikit Learn library
- Cross Validation and bias-Variance trade-off
- Logistic Regression – Concept
- Logistic Regression using Python – Scikit Learn library
- K-Nearest Neighbors – concept
- K-NN using Python – Scikit Learn library
- Decision Tree and Random Forest
- Introduction to Tree Methods
- Decision Tree and Random Forest using Python – Scikit Learn library
- Support vector Machine Using Python
- Unsupervised Machine Learning Model
- Evaluating Metrics – Unsupervised Model
- K-Means Clustering – Concept
- K-Means Clustering using Python – Scikit Learn library
- Dimensionality Reduction Techniques – PCA, LDA, GDA





- Machine Learning with IoT
- Data Collection using sensors\*
- Predictive Modelling using data collected from Sensors\*

20 Hours

**Internet of Things**

- Internet of Things – Market opportunities and use cases
- Internet Usage and Population Statistics.
- What is Internet of Things?
- Why IoT?
- Internet of Things Architecture.
- Application of IoT in Various Domain, Healthcare, Automobile etc.
- Industrial Internet of Things and its applications in real life.

**Various types of Sensors and Actuators**

- Introduction to sensors and its working principles
- Rotary angle sensor, Light Sensor, Led
- Ultrasonic sensor, Temperature and Humidity sensor
- Sound sensor, Relay
- 16x2 LCD
- Servo Motor and Stepper Motor, DC Motor

**IoT Protocol and Cloud Integration**

- Wi-Fi, Bluetooth, BLE, LoRa, Sigfox
- IFTTT Protocol and its working.
- CoAP, MQTT Protocol
- Cloud Integration IoT services – Thingspeak, Blynk

**IoT Hardware and Software & implementation**

- Introduction to raspberry Pi 4B
- Installation of operating system on Raspberry Pi
- Hardware connection for GrovePi+ with Rpi

**Hands on with Raspberry pi and GrovePi+**

- Interface Sound Sensor, Light Sensor with raspberry Pi
- Interface LCD with Raspberry Pi
- Interface Temperature & Humidity Sensor with Raspberry Pi
- Interface Relay with Raspberry Pi
- Interface Ultrasonic with Raspberry Pi
- Various data collection using various types of sensors



<ul style="list-style-type: none"> <li>• Creating GUI interfaces to communicate with sensor and displays</li> <li>• Real life use case and solve problem using IoT</li> <li>• Mini Project</li> </ul>
---

<b>Deep Learning and Computer Vision OpenVINO Toolkit</b>	<b>15 Hours</b>
<ul style="list-style-type: none"> <li>• Fundamentals of Deep Learnings</li> <li>• What is Deep Learning?</li> <li>• Concept of Neural Networks</li> <li>• Neurons, Weights and Bias</li> <li>• Forward and Backward Propagation</li> <li>• Multilayer Perceptron</li> <li>• Computer Vision Basics</li> <li>• Image Fundamentals: Pixels</li> <li>• Grayscale vs Color</li> <li>• Computer Vision – With Open cv and Keras</li> <li>• Canny Edge Detection – Hands On</li> <li>• Convolutional Neural Network</li> <li>• Hands on session on Computer vision</li> <li>• Viola-Jones Algorithm for face detection</li> <li>• Face detection</li> <li>• Face Blurring in live video detection</li> <li>• Number plate detection</li> <li>• Computer Vision with OpenVINO</li> <li>• Introduction OpenVINO</li> <li>• Open VINO Toolkit Components</li> <li>• Working with Model Optimizer</li> <li>• Optimizing TensorFlow, Keras and PyTorch model using Model Optimizer (P)</li> <li>• Exploring Model Zoo for Pretrained Model</li> <li>• OpenVINO™ Deep Learning Workbench</li> <li>• Utilizing OpenVINO for inference at the edge</li> <li>• Face detection using raspberry Pi and OpenVINO (P)</li> </ul>	



<b>SAP Technical Module</b>	<b>10 Hours</b>
<b>SAP Essential</b> <ul style="list-style-type: none"> <li>• Introduction to SAP Ecosystem</li> <li>• Introduction to Technical ERP module</li> </ul>	
<b>SAP BTP ABAP Environment</b> <ul style="list-style-type: none"> <li>• ABAP Language Basics and class</li> <li>• Understanding the basic features of SAP ABAP</li> <li>• Basic Data Object and data types</li> <li>• Processing data</li> <li>• Internal tables</li> <li>• Defining local class</li> <li>• Creating instant of class</li> <li>• Defining method</li> </ul>	
<b>ABAP on Business Technology Platform</b> <ul style="list-style-type: none"> <li>• Introduction to BTP</li> <li>• ABAP on BTP</li> </ul>	
<b>Hands-on ABAP</b> <ul style="list-style-type: none"> <li>• LAB-1 Create BTP ABAP Environment</li> <li>• LAB-2 Create ABAP Package</li> <li>• LAB-3 Create ABAP class</li> <li>• LAB-4 Create Database Table</li> <li>• LAB-5 Perform various ABAP data types of operation</li> <li>• LAB-6 ABAP IF-Else statement</li> <li>• LAB-7 Loops in ABAP</li> <li>• LAB-8 – Insert Data Table Entries and print them on the console</li> </ul>	

<b>Capstone Project</b>	<b>30 Hours</b>
<ul style="list-style-type: none"> <li>• Capstone Project is based on learning and students create prototype level solution for real life problems.</li> <li>• Design Thinking – Way to solve problems with creative thinking.</li> </ul>	



\* Note – Final assessment and Capstone Project will be criteria for Course completion certificate.



## Year – IV

### Advance Course

Duration - 40 Hours  
Capstone Project - 60 Hours

#### Cyber Security in IoT

- What is IoT security?
- Various security concerns with IoT
- IOT vulnerabilities and security issues
- Tools and methods to secure IoT devices.
- IoT Attacks, Risks and Countermeasures
- Lightweight Cryptography, challenges in Designing IoT Applications
- Important cyber security terminologies

20 Hours

#### SAP Analytics cloud

- Introduction to SAC
- Navigating in SAP Analytics Cloud
- SAC Architecture
- Creating New Story
- Introduction to different Chart Types and Styling
- Conditional Formatting and Linking Models/Dimensions
- Data Explorer, Exporting the stories, Introduction to Comments, Bookmarks
- Enhancing Chart visualization and interactions

20 hours

#### Capstone Project

- Capstone Project is based on learning and students create prototype level solution for real life problems.
- Design Thinking – Way to solve problems with creative thinking.

60 Hours

\* Note – Final assessment and Capstone Project will be criteria for Course completion certificate.





**" The Shetkari Shikshan Mandal, Sangli "**  
**PADMABHOOSHAN VASANTDADA PATIL INSTITUTE OF TECHNOLOGY**

Affiliated 'A' Grade by NAAC Bangalore

(Approved by AICTE, Govt. of Maharashtra & Affiliated to Savitribai Phule Pune University)

(AICTE Apl : 1-4068258) ( PUM/NE/03/252/2006) (AISHE Code: C-41818)

Sr.No.3/22 Bawdhan (Khard), Paul Road, Near Chandani Chowk, Pune-411021

Tel:- 8830565816, 8530134040 Email [td-principalpvpit@tssm.edu.in](mailto:td-principalpvpit@tssm.edu.in) Website-[pvpitssm.edu.in](http://pvpitssm.edu.in)



**Prof. Dr.R.S. Pawar**  
**BE, ME, Ph.D.(Mech)**  
**PRINCIPAL**

**Prof.Dr.T.J.Sawant**  
**B.E.(Elec.),PGDBM,Ph.D.**  
**PRESIDENT**

**CONFIRMATION OF Installation**  
**DONATED BY EDUNET FOUNDATION**  
**FOR ESTABLISHMENT OF A CENTRE OF EXCELLENCE (COE)**  
**FOR A PROGRAM FUNDED BY SAP INDIA PRIVATE LIMITED**

PART 1: COMPUTER SYSTEMS

The following new and unused equipment, donated by Edunet Foundation, has been received in good condition at our Institution on this 12<sup>th</sup> day of April (month) 2023 under the terms of the MOU executed by this institution with Edunet Foundation.

Item	Specifications	Quantity
Server: DELL PowerEdge T440	Tower Model – DELL PowerEdge T440 1 x Intel Xeon Gold 5115 2.4G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT (85W) Processor 16 DIMMS 1 x 16GB RDIMM Up to 8, 3.5" Hot Plug Hard Drives, Tower Configuration 1 x 1TB 7.2K RPM SATA 6Gbps 512n 3.5" Hot-plug Hard Drive PERC H750 Adapter, Full Height, 8GB Cache Single, Hot-plug PS,495W iDRAC9,Enterprise 3YR ProSupport Next Business Day Onsite 20Inch Monitor Keyboard and Mouse	01
Lenovo Desktop	IDEACENTRA (Lenovo) Intel Core i5-12400, 6 Cores SFF 7.4 Lt 8 GB DDR4 , 512 GB SSD Wired KeyBoard & Mouse WiFi + BT 5.2 W/ ODD 3 Yr Onsite Win 11 Home + MS Office 2021 NA With 18.5 Monitor	20
Projector	Zeb-PixaPlay 16	

For TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
 Bawdhan, Pune.

(Institution name)

18.04.23

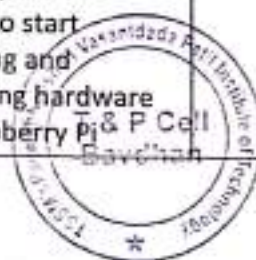
Signature  
 Name: **Dr. R.S. Pawar**  
 Title: **Principal**  
 Institutional Stamp



*For Atal  
 TPO.*

The List of Equipment to be Provided by Edunet Foundation for the Centre of Excellence:

#	Item Description	Specification	Item Application/Usage	Qty
1	Tower Server <i>16 March</i>	Dell/HP Intel Xeon Silver, 16 core. 16GB RAM, Tower Server with monitor, keyboard and mouse	High computational Server Unit will act as a Master node in the COE Cluster to run High computational work load, heavy ERP software and tools. Will also be used to train ML and DL models	1
2	Desktop Machines <i>16 March</i>	Intel core i5, 8GB RAM, desktop with CPU, Monitor, Keyboard and mouse	Desktop machines to be used for programming and application development.	20
3	Neural Compute Stick-2 (NCS2) <i>15 April</i>	Processor: Intel Movidius Myriad X Vision Processing Unit (VPU); Connectivity: USB 3.0 Type-A	A USB powered Deep Learning edge computing accelerator to develop edge computing applications, it acts as an accelerator at the edge to run high computational DL and vision processing workloads.	10
4	Raspberry Pi 4B kit <del><i>15 April</i></del>	Broadcom BCM2711, Quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz with 4GB RAM	RPi is a single board computer for multipurpose application development, will be used to develop IoT and Edge computing applications.	20
5	GrovePi+ Starter Kit <i>15 April</i>	GrovePi board, 2-sided Acrylic Case, 12 Grove sensors	The starter kit bundles the most popular sensors and devices for education and hobbyists, and lets learners to start developing and prototyping hardware with Raspberry Pi & P Cell	20





			without any soldering requirements. It consists of RPi shield, sensors and cables to connect with Rpi.	
6	Power Supply for Raspberry Pi 4 Model B 15 April	15.3W USB-C	Power supply to power up the RPi development board	20
7	USB Camera Accessory for Raspberry Pi 15 April	HD Camera	Camera to capture video and still pictures, it can be interfaced with Rpi and computer to develop computer vision applications .	10
8	Micro SD card 16 March	SanDisk 32GB Class 10	SD card to install Operating system for Rpi, it acts as a hard drive for development board	20
9	Micro SD card reader 16 March	USB Type	Card reader to connect and access the SD card with computer system	20
10	Ethernet Patch Cable 16 March	RJ45 Cat-6	Cable to connect Rpi with Computer for programming and interface	20
11	Projector and screen for the lab 16 March	Epson (4*6 Ft)	Projector to be installed in the Lab for delivering sessions and presentations	1
12	Whiteboard and markers 16 March	4*6 Ft	To be used for student & teacher training	1
13	Portable Audio system 16 March	portable speaker with wireless Mic	To be used for student & teacher training	1
14	Micro HDMI to HDMI Cable 16 March	4k 60 Hz, 1.5 meter 5 feet, Adaptor Ethernet Audio Return Compatible for Raspberry Pi 4 RPi, Raspberry Pi 400(Not Mini DP/ Not Micro USB)	To be used for student & teacher training	20

Requirement of LAB Set-up from the Institute:



S N	Description	Remarks
1	Appropriate premises with Seating capacity of minimum 25 Students equipped with proper Tables & Chairs for setting up 25 workstations with continuous Power supply & UPS, sufficient lighting and Air conditioning, Lock & key almirah to safe guard the peripheral equipment/ accessories.	To be provided by the Institution for the COE.
2	Networking & Hi-speed internet access at each of the 20-25 workstations, provision for installation of Whiteboard, Wall mounting Projector & Projector Screen & proper cabling for all the connections.	To be provided by the Institution for the COE.
3	All ongoing costs, including but not limited to power, internet, utilities, maintenance etc., related to the operations of the COE.	To be borne by the Institution for the COE.







Institute Name	Place/City Name	Date
Contact Person Name & Designation	Mobile Number	Email

1. What all engineering and computer application programs offered at your college?

- a. B.Tech/B.E CSE/IT/ECE/EEE/EIE
- b. BCA/MCA
- c. None of the above

2. What is NAAC accreditation ratings for your institute?

- a. No NAAC Accreditation
- b. NAAC ratings B+ or above
- c. NAAC ratings B or below B

3. What is the configuration of computer Lab available at the college campus?

- a. Intel core i3 or above with minimum 8 GB RAM
- b. Intel core i3 or below with RAM 4GB or below
- c. No computer Lab

4. How old are the computers in the college lab?

- a. Less than two-year-old
- b. Four- to 6-year-old
- c. More than 6-years old

5. Is your lab equipped with high-speed internet connectivity?

- a. Yes
- b. No



6. Is there any center of excellence at the college campus setup by a corporate partner?

- a. No
- b. Yes – Name of center and corporate partner:

7. Would you be interested in upgrading/setting up Lab/CoE in partnership with Edunet Foundation?

Ans:

8. What software tools do you use in your institute?

Ans:

9. Would you be interested in upgrading/setting up Futuristic Technologies Course?

Ans:

10. How many companies visit college for campus placements?

Ans:

11. What is the percentage of students get placed in campus hiring?

Ans:

12. Which company you have heard about?

- a. SAP
- b. Microsoft
- c. Intel



Edunet Foundation

Code Unnati CoE (Gujarat) – Course Curriculum

Sr No	Content type	Duration (hours)	Delivery Type	Delivery Mode
1.	Core Deep Tech offering	80	Instructor led	Hybrid
2.	Industry Specific Modular Offering	20	Instructor led	Hybrid
3.	Employability skills	20	Instructor led	Hybrid
4.	Capstone Project	30	Instructor led	Hybrid
5.	Rapid Prototyping Camp	30	Instructor led	Hybrid
6.	MOOC (optional)	30	Self-paced	Self-paced
	Open SAP Course, Learning Hub			
		<u>210 Hours</u>		



**Objectives:**

Enable students to adopt industry 4.0 technologies such as machine Learning, IoT, cloud computing etc. and solve some real-life, Industry Specific, Community problems.

**Learning outcomes:**

- Demonstrate fundamental understanding of the history of artificial intelligence and its foundations.
- Apply the basic principles, models, and algorithms of AI to recognize, model, and solve problems in the analysis and design of information systems.
- Analyze the structures and algorithms of a selection of techniques related to machine learning and Artificial Intelligence.
- Able to design and implement various machine learning algorithms in a range of real-world applications.
- Appreciate the underlying mathematical relationships within and across Machine Learning algorithms and the paradigms of supervised and un-supervised learning.
- Be able to identify new application requirements in the field of computer vision using Deep Learning.
- Able to solve real life challenge on computer vision technology
- Design Prototype level solution using IoT.

**Prerequisites:**

- Basic Knowledge of using internet and computer systems
- Basic understanding of problem solving
- Introductory understanding of programming
- Elementary concepts of Probability theory, Statistics & Continuous variable Calculus



**1. Deep Tech offering and Capstone Project (Duration Approx. 80 Hours)**  
**Module-1**

**1. Foundational skills for Industry 4.0 jobs (15 Hrs.)**

Sr no	Topic	Pedagogical tool/demonstration/case study etc.	Theory / Practical
1	<b>Course Motivation:</b> <ul style="list-style-type: none"> <li>• ICE breaking session, introduction to course objectives and expectations from participants</li> <li>• Course structure, assessment and certification criteria, Introduction to capstone project, assessment and project guidelines</li> </ul>	Instructor-led	Theory
2	<b>Introduction to Python</b> <ul style="list-style-type: none"> <li>• Python Basics – Variables and Datatype</li> </ul>	Instructor-led	Theory
3	<ul style="list-style-type: none"> <li>• Installing Anaconda on Linux Kernel/windows OS</li> <li>• Introduction to Jupyter Notebook</li> <li>• Libraries in Python</li> </ul>	Instructor-led	Practical
4	<b>Python Hands on</b> <ul style="list-style-type: none"> <li>• Functions and Methods</li> <li>• Conditions and Loop Constructs</li> <li>• Advanced Datatypes in Python</li> <li>• String and its methods</li> <li>• String Formatting</li> </ul>	Instructor-led	Practical
5	<b>Introduction to NumPy Module</b> <ul style="list-style-type: none"> <li>• Basics of NumPy Arrays</li> <li>• Statistical Concept</li> </ul>	Instructor-led	Theory
6	<b>Hands on Numpy</b> <ul style="list-style-type: none"> <li>• Random Number Generation</li> <li>• Scalar, Vector and Matrix</li> </ul>	Instructor-led	Practical





	<ul style="list-style-type: none"> <li>Matrix Multiplication</li> <li>Measure of Central Tendency</li> <li>Operations on Arrays</li> </ul>		
8	<b>Data Visualization using matplotlib</b> <ul style="list-style-type: none"> <li>Plotting and Visualization</li> <li>Figures and Subplots</li> <li>Colors, Markers and Line styles</li> <li>Histograms and Binning</li> <li>Text and Annotations</li> </ul>	Instructor-led	Theory
9	<b>Hands on Matplotlib</b> <ul style="list-style-type: none"> <li>Line Plots, Bar Plots, Scatter Plots, pie chart</li> <li>Ticks, Labels and Legends, subplots</li> <li>Three-Dimensional Plotting in Matplotlib</li> </ul>	Instructor-led	Practical
10	Linux Fundamentals - commands	Instructor-led	Theory
11	Basic Linux commands- directory structure, Installing and updating dev environments- python, apache, etc.	Instructor-led	Practical
12	Introduction to MongoDB, Basics: Database, Collection & Documents, Using SQL in MongoDB Aggregation, Importing & Exporting Data	Instructor-led	Theory & Practical
13	Performing CRUD operations, Building MongoDB queries, Array Querying, SQL-SELECT statements, MongoDB views	Instructor-led	Theory & Practical
14	Introduction to Concept of GIT , Collaborative Programming & Staging Process.	Instructor-led	Theory
15	Git Commands, commits, branching, repository creation, SSH realization & GitHub	Instructor-led	Practical



## Module-II

### 2. The Internet of things: connecting the real and the virtual world (20 Hrs.)

Sr. No	Topic	Pedagogical tool/demonstration/case study etc.	Theory / Practical
1	<b>IoT Fundamentals</b> <ul style="list-style-type: none"><li>• Internet Usage and Population Statistics</li><li>• What is Internet of Things?</li><li>• Why IOT?</li><li>• IOT in Technical Perspective</li><li>• Where IOT is used? How?</li><li>• Concept of IIoT</li><li>• Future with IoT</li></ul>	Instructor-led	Theory
2	<b>Electronics concepts</b> <ul style="list-style-type: none"><li>• Hands on with electronic components like LED, Resistor, Diode, Button, Buzzer etc.</li><li>• Understanding of Logic gates</li><li>• Use of multi meter for various measurements.</li><li>• Electronic Signals</li><li>• Electricity Equations</li><li>• Pulse Width Modulation (PWM)</li><li>• Analog to Digital Converters (ADC)</li></ul>	Instructor-led	Theory + Practical
3	<b>Sensors and Actuators</b> <p>Various types of sensors and their working</p> <ul style="list-style-type: none"><li>• Rotary Angle Sensor, Sound Sensor, LCD</li><li>• Temperature &amp; Humidity Sensor, Light Sensor, Relay, Ultrasonic Sensor, Stepper Motor, geared motor, Pneumatic actuator, servo motor etc.</li></ul>	Instructor-led	Theory





	Instructor-led	Theory
4 <b>Networking for IOT</b> <ul style="list-style-type: none"> <li>• Networking devices</li> <li>• IoT LAN, IoT WAN</li> <li>• IoT Node, IoT Gateway</li> <li>• IPV4 vs IPV6</li> <li>• IoT Protocol stack - Wi-Fi, Bluetooth, LPWAN, MQTT, CoAP</li> </ul>		Theory
5 <b>IOT Hardware and Software &amp; implementation</b> <ul style="list-style-type: none"> <li>• Introduction to raspberry Pi 4B</li> <li>• Installation of operating system on Raspberry Pi</li> <li>• Hardware connection for GrovePi+</li> </ul>	Instructor-led	Practical
6 <b>Hands on with Raspberry pi and GrovePi+</b> <ul style="list-style-type: none"> <li>• Interface Sound Sensor, Light Sensor with raspberry Pi</li> <li>• Interface LCD with Raspberry Pi</li> <li>• Interface Temperature &amp; Humidity Sensor with Raspberry Pi</li> <li>• Interface Relay with Raspberry Pi</li> <li>• Interface Ultrasonic with Raspberry Pi</li> </ul>	Instructor-led	Practical
7	Home Weather System, Home automation	Practical
8	Air Quality Monitoring	Practical
9	Cloud platforms for IO	Theory

### Module-III

### 3. Statistical modelling and predictive analytics – Machine Learning

Sr. No	Topic	Pedagogical tool/demonstration/case study etc.	Theory / Practical
1	<b>Data Manipulation with Pandas</b> <ul style="list-style-type: none"><li>• Introducing Pandas object</li><li>• Series and DataFrame</li><li>• Reading data from files.</li></ul>	Instructor-led	Theory
2	<b>Data Preprocessing with Pandas</b> <ul style="list-style-type: none"><li>• Dropping entries from an axis</li><li>• Indexing and selection operators</li><li>• Arithmetic and conditional alignment</li><li>• Unique values and value counts</li><li>• Handling missing values</li><li>• Groupby Methods</li><li>• Pivot Tables</li><li>• Pandas Plotting</li></ul>	Instructor-led	Practical
3	<b>Python GUI</b> <ul style="list-style-type: none"><li>• Types different python GUI tools</li><li>• Introduction to Tkinter</li><li>• Widgets</li><li>• Geometry Management</li><li>• Function/Methods</li><li>• Working with image in tkinter</li><li>• Tkinter Themes and Styles</li><li>• Tkinter Examples - (Activity)</li></ul>	Instructor-led	theory/Practical
4	<b>Machine Learning</b> <ul style="list-style-type: none"><li>• Introduction to ML</li></ul>	Instructor-led	Theory







	<ul style="list-style-type: none"> <li>• Real time applications of ML</li> <li>• Classification techniques</li> <li>• Scikit Learn library overview</li> <li>• Regression vs Classification -</li> </ul>			
5	<ul style="list-style-type: none"> <li>• Linear Regression</li> <li>• Mathematical Intuition</li> <li>• Ordinary Least Square Method</li> </ul>	Instructor-led		Theory
6	<ul style="list-style-type: none"> <li>• Linear Regression Practical Implementation</li> <li>• Evaluation Techniques: MSE, MAE , R2 score</li> </ul>	Instructor-led		Practical
7	<ul style="list-style-type: none"> <li>• Logistic Regression</li> <li>• Estimating probabilities</li> </ul>	Instructor-led		Theory
8	<ul style="list-style-type: none"> <li>• Logistic Regression using Sklearn</li> <li>• Normalization and Scaling</li> <li>• ROC AUC Curve</li> </ul>	Instructor-led		Practical
9	<ul style="list-style-type: none"> <li>• Decision Trees</li> <li>• Gini Impurity or Entropy</li> </ul>	Instructor-led		Theory
10	<ul style="list-style-type: none"> <li>• Visualizing a Decision Tree</li> <li>• Making Predictions</li> </ul>	Instructor-led		Practical
11	<ul style="list-style-type: none"> <li>• Linear SVM Classification</li> <li>• Support Vectors and Margins</li> </ul>	Instructor-led		Theory
12	<ul style="list-style-type: none"> <li>• Practical Implementation of SVM using Sklearn</li> </ul>	Instructor-led		Practical
13	<ul style="list-style-type: none"> <li>• Different distance methods</li> <li>• Euclidean Distance, Minkowski Distance</li> <li>• Geometric Intuition of KNN</li> </ul>	Instructor-led		Theory
14	<ul style="list-style-type: none"> <li>• K Nearest Neighbors</li> </ul>	Instructor-led		Practical
15	<ul style="list-style-type: none"> <li>• Probability Theory</li> <li>• Bayes Theorem</li> </ul>	Instructor-led		Theory

16	<ul style="list-style-type: none"> <li>• Naïve Bayes Theorem</li> <li>• Case studies – Naive Bayes (Text Analytics)</li> </ul>	Instructor-led	Practical
17	<ul style="list-style-type: none"> <li>• Bag of Words Approach</li> <li>• Vectorization Technique: TFIDF</li> <li>• Spam Ham Demonstration</li> </ul>	Instructor-led	Practical
18	<ul style="list-style-type: none"> <li>• Unsupervised Learning</li> <li>• Clustering and its types</li> </ul>	Instructor-led	Theory
19	<ul style="list-style-type: none"> <li>• K Means Clustering</li> <li>• Centroid for Clusters</li> </ul>	Instructor-led	Practical
20	<ul style="list-style-type: none"> <li>• Elbow Method for K value</li> <li>• Silhouette Coefficient</li> <li>• Rand Index for evaluation</li> </ul>	Instructor-led	Practical
22	Create Machine learning Application using Python GUI (Give different cases to students)	Instructor-led	

#### Module-IV

#### 4. Computer vision and edge computing with OpenVINO toolkit (Duration: Approx. 20hrs)

Sr. No	Topic	Pedagogical tool/demonstration/case study etc.	Theory / Practical
1	<b>Fundamentals of Deep Learnings</b> <ul style="list-style-type: none"> <li>• What is Deep Learning?</li> <li>• Concept of Neural Networks</li> <li>• Neurons, Weights and Bias</li> <li>• Forward and Backward Propagation</li> <li>• Multilayer Perceptron</li> </ul>	Instructor-led	Theory
2	<b>Operational Deep Learning</b> <ul style="list-style-type: none"> <li>• Gradient Descent</li> <li>• Loss Functions and Accuracy Metrics</li> </ul>	Instructor-led	Theory + Practical



	<ul style="list-style-type: none"> <li>• Cross Entropy vs MSE</li> <li>• Overfitting and Regularisation</li> <li>• Tensorflow 2.0 and Keras API</li> <li>• Dense and Flatten Layers</li> <li>• What are Tensors?</li> </ul>		
3	<b>Computer Vision Basics</b> <ul style="list-style-type: none"> <li>• Image Fundamentals: Pixels</li> <li>• Grayscale vs Color</li> <li>• Computer Vision – With Open cv and Keras</li> <li>• Canny Edge Detection – Hands On</li> <li>• Convolutional Neural Network</li> </ul>	Instructor-led	Theory /Practical
4	<b>Hands on session on Computer vision</b> <ul style="list-style-type: none"> <li>• Viola-Jones Algorithm for face detection</li> <li>• Face detection</li> <li>• Face Blurring in live video detection</li> <li>• Number plate detection</li> </ul>	Instructor-led	Practical
5	<b>Computer Vision with OpenVINO</b> <ul style="list-style-type: none"> <li>• Introduction OpenVINO</li> <li>• OpenVINO Toolkit Components</li> <li>• Working with Model Optimizer</li> <li>• Optimizing TensorFlow, Keras and PyTorch model using Model Optimizer (P)</li> <li>• Exploring Model Zoo for Pre Trained Model</li> <li>• OpenVINO™ Deep Learning Workbench</li> <li>• Utilizing OpenVINO for inference at the edge</li> </ul>	Instructor-led	Theory/Practical





	<ul style="list-style-type: none"> <li>• Face detection using raspberry Pi and OpenVINO (P)</li> </ul>	
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**2. Industry Specific Modular Offering (Duration: Approx. 20 Hrs.)**

<u>Sr No</u>	<u>Topics</u>	<u>Pedagogical tool/demonstration/case study etc.</u>	<u>Theory/Practical</u>
1	<b>ERP Essentials</b> <ul style="list-style-type: none"> <li>• Introduction SAP Ecosystem</li> <li>• SAP functional Module</li> <li>• SAP Technical ERP module</li> </ul>	Instructor-led + Online self-paced	Theory
2	<b>SAP BTP ABAP Environment</b> <ul style="list-style-type: none"> <li>• ABAP Language Basics &amp; Class</li> <li>• ABAP on SAP Business Technology Platform</li> <li>• Hands-On with SAP Business Technology Platform ABAP Environment</li> </ul>	Self-paced (support by instructor) + Instructor led	T+P

**3. Employability Skills (Duration: Approx. 20hrs)**

<u>Topics</u>	<u>Pedagogical tool/demonstration/case study etc.</u>	<u>Theory / Practical</u>	
1	<ul style="list-style-type: none"> <li>• Effective Communication Skills, English Language</li> </ul>	Instructor-led	Theory + Practical
2	<ul style="list-style-type: none"> <li>• Group Discussion/Personal Interview Skills.</li> </ul>	Instructor-led	Theory



3	<ul style="list-style-type: none"> <li>How to create Digital Profile (LinkedIn, GitHub, Video)</li> </ul>	Instructor-led	Theory
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**4. Capstone Project (Duration: Approx. 30 Hrs.)**

	Topic		Type	Duration
1	Capstone Project based on learning and students create prototype level solution for real life problems.	Instructor led	Project	30 Hours

**5. Rapid Prototyping Camp (Duration: Approx. 30hrs)**

	Topic		Type	Duration
1	Prototyping camp and project exhibition Best project ideas; awards and recognition at nodal center	Instructor led	Project	30 Hours

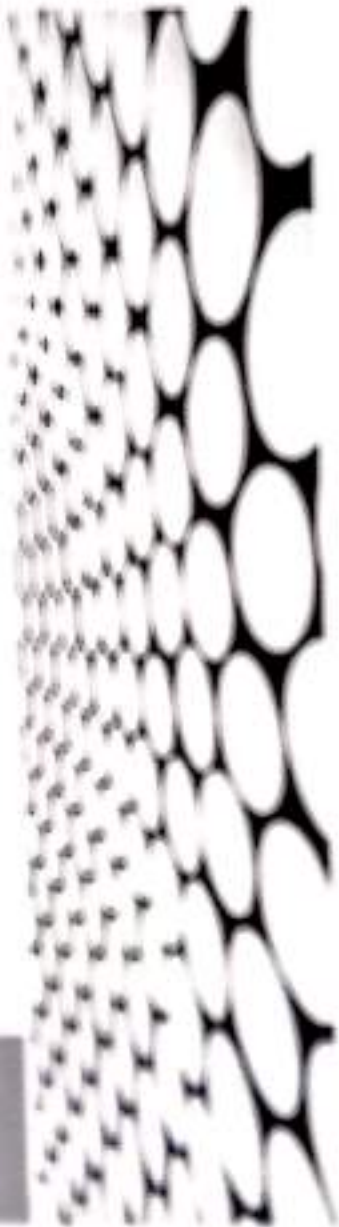
*Thank you*

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**CODE UNNATI**

**SAP CENTER FOR DEEP TECH**



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## ABOUT US



SAP India is the fastest growing subsidiary of SAP SE, the world's leading provider of business software solutions. Founded in November 1998, SAP Labs India drives SAP's product strategy, is responsible for SAP core solutions and provides product localization and India specific solutions.

Unique to SAP Labs India is that it represents the entire breadth of SAP product portfolio and contributes to SAP flagship products such as SAP HANA, the platform for next generation applications and analytics; SAP S/4HANA, the real-time ERP suite for digital business and holds key product responsibilities across the Customer Engagement, Human Capital Management, Analytics and IoT portfolios.

edunet  
FOUNDATION

Edunet Foundation (EF) was founded in 2015 to create educational networks that promote employability and entrepreneurship. The organization has enjoyed Special Consultative Status with the Economic and Social Council (ECOSOC) of the United Nations since 2020. With a national footprint, EF's programs, online and instructor-led, benefit tens of thousands of learners every year.



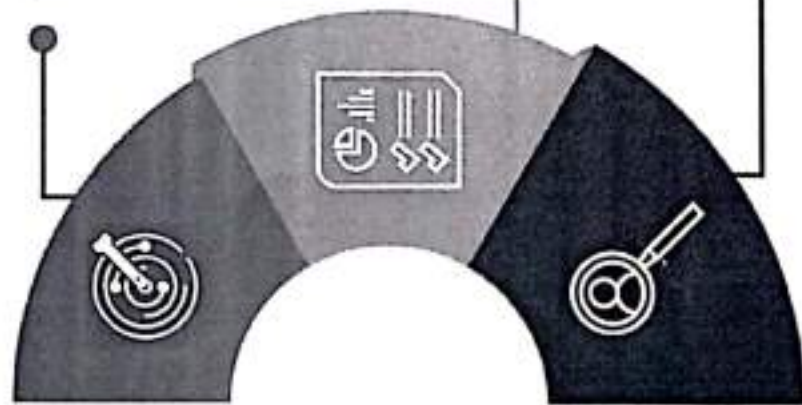


# PROGRAM OVERVIEW

## Objective

To establish SAP sponsored experiential learning centers (CoE on Emerging Technologies) to drive skilling young graduates towards deep-tech platform technologies and establish industry pathways driving their employability

a capacity building and fellowship program for faculty / post-graduates to collaborate with local industry, volunteers (SAP) towards solving local problems (sustainability)



## Target Audience

- Pre-final and final year students.
- Faculty members / post-graduates candidates for capacity building

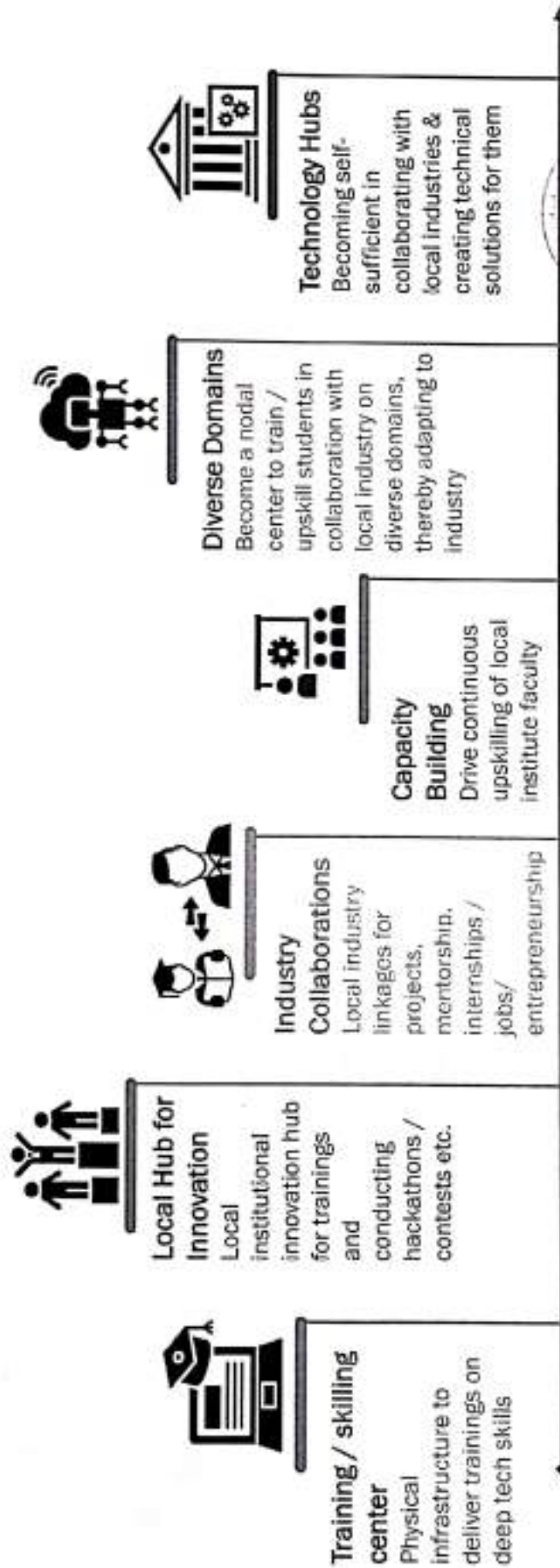
## Outcomes

- Enable select institutes in the identified geographies of Gujarat to establish CODE UNNATI Center of Excellence for Deep Tech / Emerging Technologies
- Delivery of a high-quality deep tech training program aimed towards skilling 1500+ students
- Create industry pathways for 50% trained students through opportunities for micro-entrepreneurship / internships / jobs in regional industries
- Drive Innovation Marathon to engage 1500 students towards larger outreach in collaboration with Incubation centers (CIIE / AICs @GTU). Create 20 student led technical solutions
- Train and engage 100 faculty members/ post-graduate candidates through a faculty development program to build a sustainable ecosystem



# CENTER OF EXCELLENCE

PROPOSED OBJECTIVES AND ROADMAP TOWARDS BECOMING SELF SUSTAINABLE



Year 1

Year 2/3+





# PROPOSED DELIVERY STRUCTURE - STUDENTS



## Outreach

Identify colleges across the target geography for enrolment in program



## Experiential Learning Centers

Establish CoE on Emerging Technologies at the institute and drive the student enrolment

Total 1500 students in program



## Student skilling & Capstone

Leverage CoE for delivering the trainings to students and engage them with local industry / volunteers for capstone work and prototyping camps

Total duration ~200 Hours



## Showcase and Placement support

Showcase events for demonstrating the work at all CoEs - student and teacher, alike, with local industry.

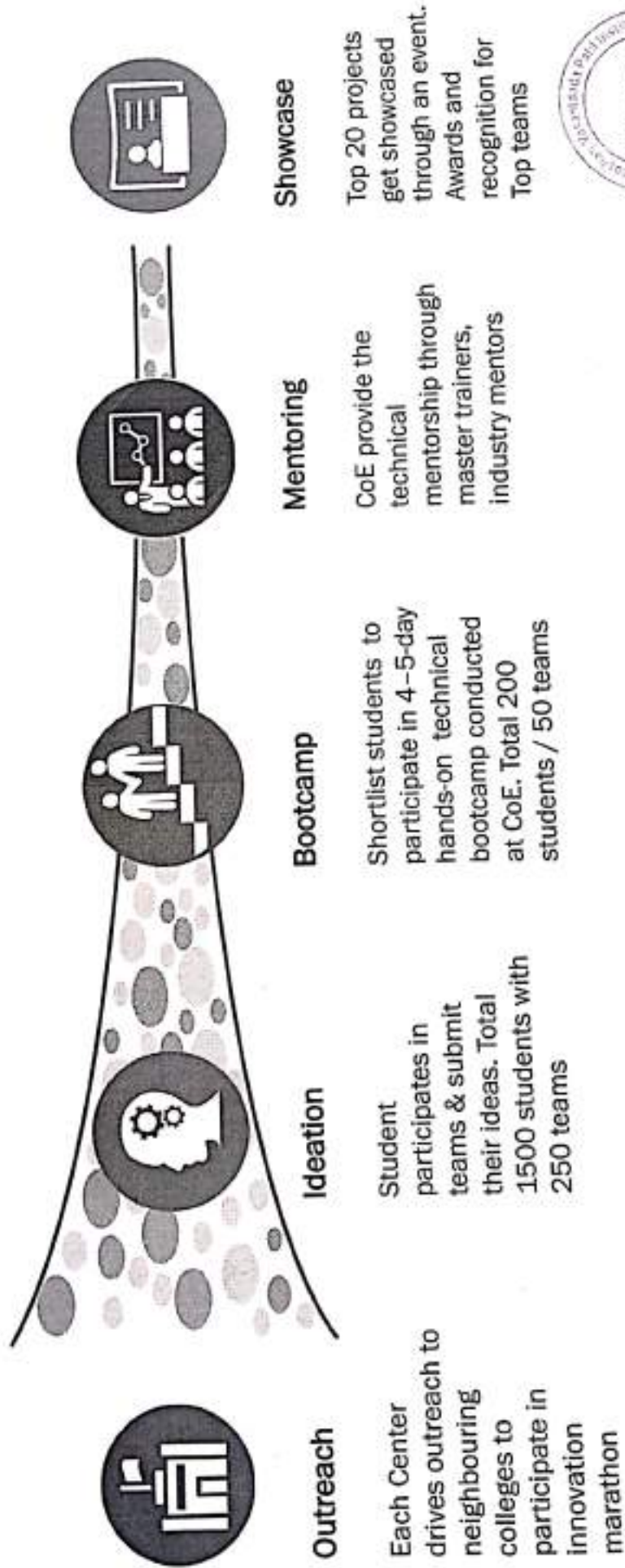
Job/internship/ micro-entrepreneurship support to eligible students





# INNOVATION MARATHON

IN COLLABORATION WITH CRIF/ AIC @GTU



Builds a pipeline of potential candidates for year 2 onwards





## PROGRAM CONTENT OUTLINE

#	Course Focus	Duration	Course description along with the duration
1.	Core Deep tech offering	80 hrs	<p>1. Foundational skills for Industry 4.0 jobs (Duration: Approx. 15hrs)</p> <ul style="list-style-type: none"> <li>• Open source software fundamentals; Linux and Python programming</li> <li>• Database designing and programming</li> <li>• Project development tools</li> </ul> <p>2. The Internet of things: connecting real and the virtual world (Duration: Approx. 25hrs)</p> <ul style="list-style-type: none"> <li>• Data acquisition and processing</li> <li>• Gateway and cloud interface</li> <li>• Communication protocols; MQTT and HTTPS</li> <li>• Data handling and descriptive analytics</li> </ul> <p>3. Statistical modeling and predictive analytics (Duration: Approx. 20hrs)</p> <ul style="list-style-type: none"> <li>• Predictive analytics using structured and unstructured data</li> <li>• Building recommender systems</li> </ul> <p>4. Computer vision and edge computing with openVINO toolkit (Duration: Approx. 20hrs)</p> <ul style="list-style-type: none"> <li>• Deep Learning for modern AI</li> <li>• Computer vision with deep learning</li> <li>• Model optimization for inference at the edge</li> </ul> <p>Systems, Applications &amp; Products in Data Processing; domain specific enterprise level tools</p> <ul style="list-style-type: none"> <li>• ERP Essentials; Explore about SAP technical modules. (Duration: Approx. 5hrs)</li> <li>• ABAP on SAP Business Technology Platform (Duration: Approx. 15hrs)</li> </ul>
2.	Industry Specific Modular Offering	20 hrs	<p>Effective Communication; GD/PI; Building digital profiles</p>
3.	Employability skills	20 hrs	<p>Developing solutions for real life problems; Industry and community problems</p>
4.	Capstone Project	30 hrs	<p>Prototyping camp and project exhibition: Best project ideas; awards and recognition at local center</p>
5.	Rapid Prototyping Camp	30 hrs	<p>Courses from Open SAP platform</p>
6.	Self paced learning (optional)	30 hrs	



## INSTITUTES ASSOCIATED WITH THE PROGRAM – CODE UNNATI

SN	Name of the College	District	Address
1	SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY, VASAD	Anand	Behind S.T.Depot, Vasad-388 306
2	DR. JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY, MOGAR	Anand	DJMIT College Campus, NH 8, Village: Mogar, Anand - 388 340
3	SARDAR PATEL COLLEGE OF ENGINEERING, VALLABH VIDYANAGAR	Anand	Sardar Patel Education Campus, Vidhyanagar/Vadatal Road, Bakrol, Anand-388 315
4	GH PATEL COLLEGE OF ENGG & TECHNOLOGY, VALLABH VIDYANAGAR	Anand	Bakrol Road, Vallabh Vidyanagar, Dist. : Anand - 388 120
5	MADHUBEN BHANUBHAI PATEL INSTITUTE OF TECHNOLOGY	Anand	P.O. Box No. 8, Beyond GIDC Phase IV, Vithal Udyog Nagar-388 121, Dist. Anand
6	AD PATEL INSTITUTE OF TECHNOLOGY	Anand	Behind 4th Phase, GIDC, P.Box No-52, Vitthal Udyognagar, New V.V.Nagar, Dist-Anand- 388 121.
7	CSPIT, CHARUSAT	Anand	Charotar University of Science & Technology. CHARUSAT Campus-Changea, Off. Nadiad-Petlad Highway, Taluka:Petlad, District: Anand-388 421
8	IPCOWALA INSTITUTE OF ENGINEERING AND TECHNOLOGY	Anand	Amrapali Township, Petlad-Khambhat Road, Dharmaj, Ta. Petlad, Dist : Anand
9	INSTITUTE OF ADVANCED RESEARCH	Gandhinagar	Institute of Advanced Research, Koba Institutional Area, Gandhinagar - 382 426, Gujarat
10	SHREE SWAMINARAYAN INSTITUTE OF TECHNOLOGY	Gandhinagar	Gandhinagar - Ahmedabad Rd, Near EDI & Sardar Patel Ring Road Circle, GIDC Bhat, Bhat, Gandhinagar, Gujarat 382428
11	SWARRNIM STARTUP & INNOVATION UNIVERSITY	Gandhinagar	Adalaj Kaloi Highway Road, Opp. Ifco, Village : Bhoyan Rathod, TAL & Dist. Gandhinagar-382 422
12	IIIT	Gandhinagar	C/o Block No.9 (IC Department), Government Engineering College, Sector 28 GIDC, Gandhinagar, Gujarat 382028
13	MERCHANT ENGINEERING COLLEGE	Mehsana	Basna Campus, Mehsana-Visanagar Highway, AT & Po Basna, Ta. Visnagar, Dist. Mehsana-384 315
14	MAHATMA GANDHI INSTITUTE OF TECHNICAL EDUCATION & RESEARCH CENTRE	Navsari	NIPPE Campus, Bhanunagar, Eru-Aat Road, Post : Bhutsad, Ta. Jalalpore, Dist. Navsari-396 450
15	GIDC DEGREE ENGINEERING COLLEGE	Navsari	Block No:997, At Village : Abrama Ta: Jalalpore, Dist: Navsari - 396 406





16	S.S.AGRAWAL INSTITUTE OF ENGINEERING & TECHNOLOGY	Navsari	S. S. Agrawal College Campus, Veeranjali Marg, Nr. Devina Park Society, Gandevi Road, Navsari-396 445.
17	BHAGWAN MAHAVIR COLLEGE OF ENGINEERING AND TECHNOLOGY	Surat	Sr. No. 149/B, Near Ashirwad Villa, Bharthana-Vesu, B/h. Heena Bungalows, New Citylight Road, Surat-395 017
18	C. K. PITHAWALLA COLLEGE OF ENGG & TECHNOLOGY	Surat	Nr. Malvan Temple, Via-Magdalla Port, B/H. Gaviyer Village, Dumas Road, Ta-Choryasi, Surat-395 007
19	SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY	Surat	Dr. R.K.Desai Marg, Opp. Mission Hospital, Athwalines, Surat. Ta-Choryasi, Surat - 395 001
20	SHREE SWAMI ATMANAND SARASWATI INSTITUTE OF TECHNOLOGY	Surat	Shree Swami Atmanand Saraswati Vidya Sankul, Kapodra, Varachha Road, Surat-395 006 Phone: 0261-2573554
21	R.N.G. PATEL INSTITUTE OF TECHNOLOGY RINGPIT	Surat	At : ISROLI Po : AFWA, BardoliNavsari Road, Tal.: BARDOLI, Dist. : SURAT-394 620
22	VIDHYADEEP INSTITUTE OF ENGINEERING AND TECHNOLOGY	Surat	AT. & PO. Anita (KM), Ta: Olpad, Dist : Surat-394110
23	PACIFIC SCHOOL OF ENGINEERING	Surat	Kadodara Palisana Highway (NH-8), At Sanki, Ta. Palisana, Dist Surat - 394 305
24	BABARIA INSTITUTE OF TECHNOLOGY	Vadodara	BITS Edu Campus, Vadodara - Mumbai NH#8, Varnama, Vadodara-391 240
25	PARUL UNIVERSITY	Vadodara	Po. Limda, Ta. Waghodia, Dist. Vadodara-391760
26	ITM SLS BARODA UNIVERSITY	Vadodara	At: Dhanora Tank Road, Village: Palladi, Vadodara-Halol Highway, Tal:Waghodiya, Vadodara-391 510.
27	KJIT VADODARA	Vadodara	K. J. Campus, Opp. ITI, Javia-Savali, Por: Savali, Ta: Savali Dist Vadodara-391 770
28	SIGMA INSTITUTE OF ENGINEERING	Vadodara	At Bakrol, Ajwa-Nimeta Road, Ta. Waghodia, Dist Vadodara-390 019
29	FACULTY OF ENGG. & TECH. MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA	Vadodara	Near Badamdibaug, Kalabhavan, Vadodara - 390001
30	NEOTECH INSTITUTE OF TECHNOLOGY	Vadodara	At & Po : Virod, Ta: Vadodara, Dist : Vadodara-390 022
31	LAXMI INSTITUTE OF TECHNOLOGY, SARGAM	Valsad	Laxmi Vidhyapith P. B. No. 15, Sarigam-396155, Tal. Umargam, Dist. Valsad Phone: 0260-6630952 / 95







**TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.**

**Training & Placement Department Activity Report**

**VOIS for Tech: University Engagement Program 2022-23**

<b>Sr. No.</b>	<b>Department</b>	<b>Activity Name</b>	<b>Date</b>
1	Training & Placement Department	VOIS for Tech: University Engagement Program	30 <sup>th</sup> June 2023



**TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.**

**Training & Placement Department Activity Report**

**Name of Resource Person- Mr. Yogesh Raje**

**Date-30<sup>th</sup> June 2023**

**Duration of Course – 03 hours**

**Class- F.E.**

**Venue- VC Room, PVPIT Pune**

**Mode of activity- Physical**

**Aim-** VOIS for Tech: University Engagement Program', a CSR initiative of Vodafone Intelligent Solutions (\_VOIS), designed and executed by Vodafone Idea Foundation was conceived given the changing world order in the area of technology. This program enables the students to bolster themselves by acquiring market relevant skills to become employable in the real world. As a part of the program, the students and the faculty get an opportunity to participate in boot camps and conversations with experts from the industry to innovate in the real world context. The students also get access to more than 80 certifications in 7 focused technologies.



## Objective-

The Vois Tech program offers skill courses with the objective of equipping individuals with the necessary technical skills and knowledge to succeed in the technology industry. The specific objectives of these courses may vary depending on the program and the skills being taught, but some common objectives include:

- 1. Skill Development:** The primary objective of Vois Tech skill courses is to help individuals develop specific technical skills that are in demand in the technology sector. These courses aim to provide hands-on training and practical knowledge that can be applied directly to real-world projects and tasks.
- 2. Industry Relevance:** Vois Tech courses are designed to align with the current needs and trends in the technology industry. The objective is to equip students with skills that are relevant and in-demand, ensuring their employability and professional growth.
- 3. Career Advancement:** Another objective of Vois Tech skill courses is to support individuals in advancing their careers in the technology field. By acquiring new skills and knowledge, participants can enhance their job prospects, improve their performance in their current roles, or even transition to new positions within the industry.
- 4. Practical Application:** Vois Tech emphasizes the practical application of skills learned during the courses. The objective is to enable participants to immediately apply what they have learned to real-world projects or scenarios. This approach helps bridge the gap between theory and practice, ensuring that the skills acquired are useful and actionable.
- 5. Lifelong Learning:** The objective of the Vois Tech skill courses is not limited to immediate skill acquisition but also encourages lifelong learning. The technology industry is ever-evolving, and new tools, technologies, and techniques constantly emerge. Vois Tech aims to foster a mindset of continuous learning, empowering individuals to adapt to changing industry trends and stay up to date with the latest advancements.

Overall, the objective of skill courses by the Vois Tech program is to empower individuals with the technical skills, industry knowledge, and practical experience necessary to succeed in the technology sector and excel in their careers.

We offer courses: - Artificial Intelligence, Block Chain, Cloud Computing, Data and Linux, Cyber Security, Full stack Web Development, Power BI.

### Interactive and Multi-media Course Material.

- Mentorship and Expert Talk Access
- Industry Recognized Certificates
- Byte Sized Courses-Achievable for Students
- Lifetime Access ,Internship and project-based Learning
- Skills Essential for Entry-Level Jobs, 80+ Courses -Self-based Learning






**Photographs-**



**Outcomes:** - The one-day training program on Artificial Intelligence (AI) by VOIS provides a comprehensive understanding of AI concepts, algorithms, and applications. Participants gain practical knowledge through hands-on exercises and real-world examples. By the end, they are equipped with the skills to apply AI techniques effectively in various domains & also certified with the VOIS.

  
Prof. Akash Shrivastava

  
Prof. Dr. R.S. Pawar  
Principal (PVPIT)

**TPO**  
**TPO**  
Parmabhushan Vasantdada  
Patil Institute of Technology,  
Bavdhan, Pune





Vodafone Idea Foundation

**\_VOIS**



# Certificate of Completion

Presented to

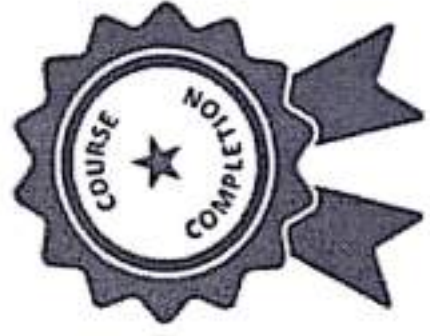
**Suraj Rajguru**

For the successful completion of

Machine Learning Basics

Issued on 30 June 2023

ID: 7feLMNESYV





**TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.**

**Training & Placement Department Activity Report**

**INDOVANCE PVT.LTD 2022-23**

<b>Sr. No.</b>	<b>Department</b>	<b>Activity Name</b>	<b>Date</b>
<b>1</b>	<b>Training &amp; Placement Department</b>	<b>Industry Institute Interaction Cum Technical Workshop</b>	<b>05-October-2023</b>





**TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.**

**Training & Placement Department Activity Report**

**Name of Resource Person- Mr. Mandar Deshmukh** - [HR Manager]  
**Mr. Akash Sagel (Mechanical Dept)** - (Cad Engineer)  
**Mr.Sanket Kochale (Civil Dept )** - (Cad Engineer)

**Date – 05-October-2023**

**Duration of Course – 01 Day**

**Class- B.E. & T.E. (MECHANICAL & CIVIL .DEPT)**

**Venue- VC Room, PVPIT Pune**

**Mode of activity- Physical**

**Aim-** Indovance Pvt Ltd aims to facilitate industry-institute interaction through technical workshops. Their goal is to bridge the gap between academia and industry by providing a platform for knowledge exchange and practical skill development.

**Objective-**

<b>New Hire Training/ Personality Development/ Employability Skills</b>		
<b>Sr. No.</b>	<b>Topic</b>	<b>Learning Objectives</b>
1	Formal Introduction	To learn About <b>Indovance</b> , About this workshop & outcome, HR Perspectives, Way forward & growth.
2	What is 3D Modelling	Today 3D Modeling technology is used in arenas like animation, architecture, engineering, etc.
3	Nature Of Projects	To focuses on Challenge, Problem Solving.
4	Employee Work cycle	To Learn Attraction, Recruitment, Onboarding, Retension, Development, Offboarding, Happy leavers.
5	CAD Test & benefits	To Know more about Better Design and improve productivity in drafting.
9	Nature Of Projects	To focuses on Challenge, Problem Solving.
10	Group Discussion	To access candidates' public speaking skills
11	Personal Interview	To perform well during interviews
12	Body language	To learn positive body language
13	Telephone Etiquette	To handle telephonic round of interview/ To learn call mechanics

**List of Students-**

<b>Department</b>	<b>List Of Student Present</b>
Mechanical Dept	B.E-[25]      T.E-[15]
Civil Dept	B.E-[24]      T.E-[17]



Photographs-



**Outcomes:** - Under this program, students trained by Corporate Trainer to enhance with advanced technical skills relevant to their respective fields in Mechanical and Civil Engineering. Facilitating potential job opportunities and collaborations.

  
Prof. Akash Shrivastava  
TPO

**TPO**  
Padmabhushan Vasantdada  
Patil Institute of Technology,  
Bavdhan, Pune



  
Prof. Dr. R.S. Pawar  
**PRINCIPAL**  
Padmabhushan Vasantdada Patil  
Institute of Technology  
Bavdhan, Pune-411021





TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.

**Training & Placement Department Activity Report**

**Radical Technologies**

Sr. No.	Department	Activity Name	Date
1	Training & Placement Department	Radical Technologies Interaction Cum to offers "Administrative & Software Development courses.	26-October-2023



TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.

### Training & Placement Department Activity Report

Name of Resource Person – Mr. Tushar Jadhav

Date – 26-October-2023

Duration of Course – 1 Day

Class- BE (COMP/ENTC)

Venue- VC Hall PVPIT Pune

Mode of activity- Physical

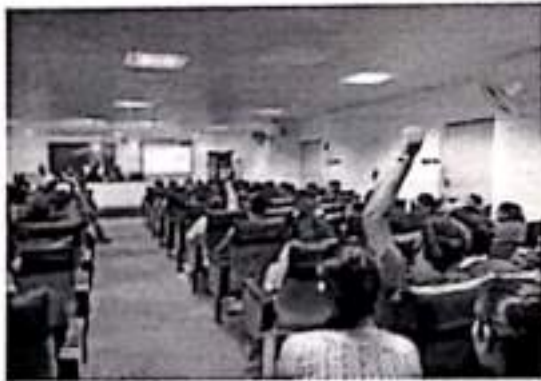
**Aim** - Our aim is to build a sustainable digital society that is inclusive for all, where technology and connectivity are enhancing the future and improving people's lives.

Learning Objectives		
Sr. No.	Topic	Learning Objectives
1	Formal Introduction	To learn About Radical Technologies.
2	About Program	As part of the program, the students will get a peek into the actual industry use-cases in which these technologies are already being leveraged, and also get to know what jobs are there in the industry from these fields and what do they entail.
3	Course Offer	Radical Technologies offers "Administrative & Software Development courses. Big Data & Hadoop, Data warehousing, ORACLE EBS, Software Testing, HVAC.
4	L.M.S	The students can explore the LMS to enroll into certifications of their choice from the Given tech categories.
5	Faculty Corner	To learn about "Deep Learning-based anomaly-onset aware remaining useful life estimation of bearings", "Explainable AI for Multimodal Credibility Analysis. And many more.
6	Presentation Skills	To articulate your thoughts through Power point presentation.

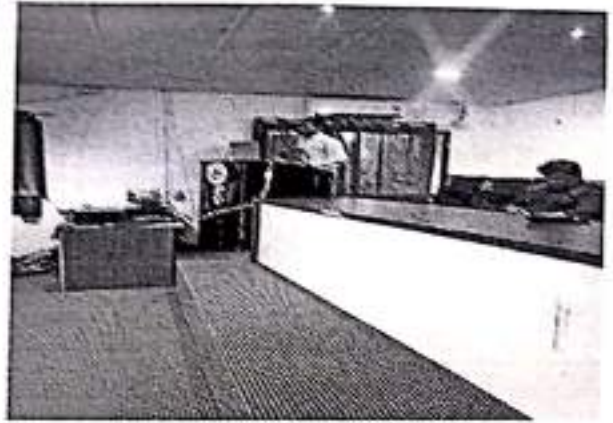
*List of Students-*

Department	List Of Student Present
CS Dept	64
E&TC	47

*Photographs-*







**Outcomes:** - Under this program, students trained by Corporate Trainer to enhance with advanced technical skills relevant to their respective fields and Facilitating potential job opportunities and collaborations.

**Prof. Akash Shrivastava**  
**TPO**

**Signature**  
**Padmabhogesh Vasantdada Patil**  
**Institute of Technology**  
**Gaydhan, Pune**



**Prof. Dr. R.S. Pawar**  
**Principal (PYPIT)**  
**Signature**  
**Padmabhogesh Vasantdada Patil**  
**Institute of Technology**  
**Gaydhan, Pune-411021**



# CERTIFICATE

— OF APPRECIATION —

This certificate is awarded to

**Jyoti Bhandare**

from "PVPIT, Bavdhan, Pune" for coordinating and successfully organizing the Faculty Development Program from 17<sup>th</sup> July 2023 – 21<sup>st</sup> July 2023 on "Machine Learning, Internet of Things, and SAP ABAP" under the Code Unnati Program.

A handwritten signature in black ink, appearing to read "Agrawal".

**Nitish Agrawal**  
Chief Customer Officer  
SAP India

A handwritten signature in black ink, appearing to read "Nagesh Singh".

**Nagesh Singh**  
Executive Director  
Edunet Foundation



# CERTIFICATE

— OF APPRECIATION —

This certificate is awarded to

**Vaibhav Shingare**

from "PVPIT, Bavdhan, Pune" for coordinating and successfully organizing the Faculty Development Program from 17<sup>th</sup> July 2023 – 21<sup>st</sup> July 2023 on "Machine Learning, Internet of Things, and SAP ABAP" under the Code Unnati Program.

A handwritten signature in blue ink that reads "Agrawal".

**Nitish Agrawal**  
Chief Customer Officer  
SAP India

A handwritten signature in blue ink that reads "Nagesh Singh".

**Nagesh Singh**  
Executive Director  
Edunet Foundation





TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.

**Training & Placement Department Activity Report**

**SAP Code Unnati Program**

Sr. No.	Department	Activity Name	Date
1	Training & Placement Department	Deep Learning & Computer Vision Open VINO Toolkit	25/10/2023 to 28/10/2023



TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.

**Training & Placement Department Activity Report**

**Name of Resource Person-** 1. Master Trainer / Mr. Amol Patil

2. Mr. Mario Sir.

**Date:** - 25/10/2023 to 28/10/2023

**Duration of Course** – 4 Days

**Class** – BE (COMP/ENTC/MECH/CIVIL)

**Venue-** Seminar Hall & Research lab

**Mode of activity-** Physical

**Aim-** The aim of Deep Learning & Computer Vision Open VINO Toolkit is to develop algorithms and models that enable computers to learn and make decisions or predictions without being explicitly programmed. The core idea is to create systems that can automatically improve their performance over time by learning from data.

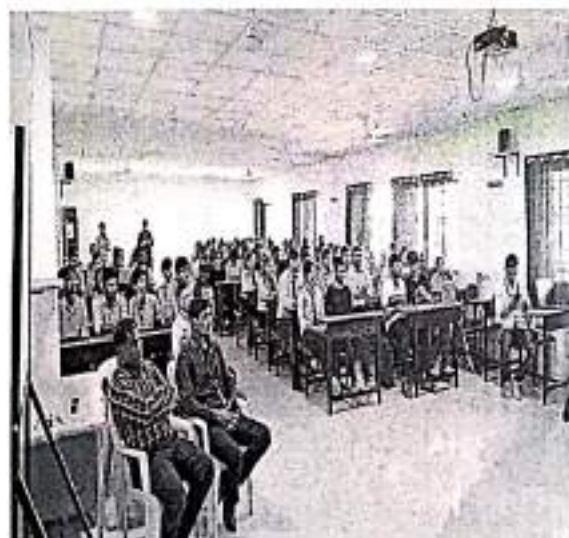
New Hire Training/ Personality Development/ Employability Skills		
Sr. No.	Topic	Learning Objectives
1	Formal Introduction	To learn About Code unnati program overview, About this workshop & outcome, HR Perspectives, Way forward & growth.
2	Fundamentals of Deep Learning's	To learn What is Deep learning , Concept of Neural Networks, Forward & Backward Propagation
3	Computer Vision Basics	To learn Image Fundamentals: Pixels, Greyscale vs. Colour, Canny Edge Detection and Neural Network,
4	Hand on Computer Vision	Viola-Jones Algorithm For Face Detection, Face Blurring in Live Video Detection.

5	Computer Vision VINO	To Learn VINO kit Components, Deep learning Workbench, Face detection using pi.
6	Internet of things	To learn market opportunities & use cases. hands on with raspberry pi & grove pi+.
7	Creating GUI	TO creating GUI INTERFACE to communicate with sensor and display.

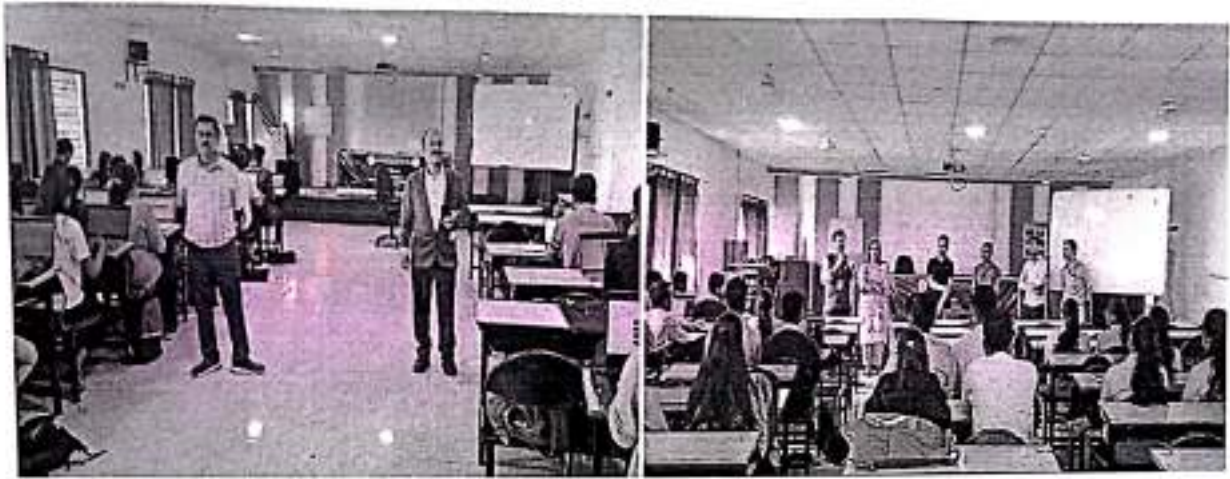
*List of Students-*

Department	List Of Student Present
Computer Dept	48
ENTC Dept	45
Mechanical Dept	02
Civil Dept	02

*Photographs-*







**Outcomes:** - Under this program, students trained by Corporate Trainer to enhance with advanced technical skills relevant to their respective fields and Facilitating potential job opportunities and collaborations.

  
**Prof. Akash Shrivastava**  
**TPO TPO**  
 Padmabhushan Vasantdada  
 Institute of Technology,  
 Bavdhan, Pune

  
**Prof. Dr. R.S. Pawar**  
**Principal (PVPIT)**  
**PRINCIPAL**  
 Padmabhushan Vasantdada Patil  
 Institute of Technology  
 Bavdhan, Pune-411021



# Student Training Programme (STP) Report

One month student training program was organized by civil Engineering Department of PVPIT, Bavdhan from 25<sup>th</sup> April 2022 to 25<sup>th</sup> may 2022. In this STP around 181 students had taken their training in the field of Civil Engineering software like STAAD Pro. , Auto CAD , Building Estimation & Costing software Quantity takeoff & Microsoft project.



## I. Welcome Speech by Student Harshali Kamble

Civil Engineering Software are software that assist engineers during all major infrastructure project stages, including drafting, designing, visualization, and analysis. Civil Engineering Software offer solutions for structural analysis, model design, and project management

- **Project Management Software for Civil Engineering.**
  1. **AUTO CAD**
  2. **MS Excel**
  3. **Primavera P6**
  4. **Microsoft Project (MS Project)**





- **Software Required for 3d Modeling of Structure/Architecture.**
  1. Autodesk 3ds Max
  2. Autodesk Maya
  3. Autocad Civil 3d
  
- **Software Required for Structural Analysis and Design.**
  1. STAAD Pro
  2. ETABS
  3. Revit Structure
  4. Midas Gen
  
- **Software Required for Geotechnical Analysis.**
  1. SAFE
  2. SAP2000
  3. Abaqus

**AutoCAD is a Computer-Aided Design (CAD) program used for 2D Drafting and 3D modeling.** AutoCAD allows the designer to use and manage it on multiple machines using network licensing. Being an easily available program, AutoCAD is used globally by students, teachers, architects, freelancers, engineers, fashion designers. Like other CAD programs, AutoCAD also works on a database of geometric systems, including points, lines, arcs, etc. The user works on the application through the commands; editing or drawing is done from the inbuilt command line.

**STAAD.Pro provides a flexible modeling environment, fluent data collaboration, and advanced features.** It best structural analysis & design software that supports Indian as well as all international codes. STAAD Pro permits structural engineers to design & analyze any type of structure virtually.



THE SHREYAS SOCIETY MANAGED BY  
**PADMABHOOSHAN VASANTDADA PATIL  
 INSTITUTE OF TECHNOLOGY (PVPIT, PUNE)**  
 Near Chandani Chowk, Kothrud, Pune

DTE CODE EN822

**Inaugural Function  
 of  
 Student Training Programme  
 (STP)**  
 One Month Software Training Programme  
 on  
 AutoCAD, STAAD Pro, Quantity Takeoff, MS Project  
 In association with



**CADDcenter**



**CADD  
CENTRE**  
Building Digital Design



**APOLLO  
INSTITUTE**  
CADD/CAM/CAE & CIVIL TRAINING

**Apollo Institute**

**Patrons**

<b>Hon. G. T. Sawant</b> Secretary TSSM Pune	<b>Dr. V.A. Bugade</b> Director PVPIT	<b>Dr. C. M Sedani</b> Principal PVPIT	<b>Dr. R. R. Sorote</b> HOD Civil Dept PVPIT	<b>Prof. D. R. Kulkarni</b> Training Incharge
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## 2. Flyer of Student Training Programme



## 3. Group photo of all participants with Guest

On 26/05/2022 a valedictory function is organized at 11:00 AM at VC room, PVPIT Bavdhan. The Chief guest of the function was Er. Pravin Kolhe and Er. Vivek Chintal who delivered speech on topic Career Opportunities for civil Engineer government Sector and Shrimant Bharat Entrepreneurship development Session respectively .


**PADMABHOOSHAN VASANTDADA PATIL  
INSTITUTE OF TECHNOLOGY (PVPIT, PUNE)**

**Department of Civil Engineering**

**Valedictory Function and Certificate  
Distribution of Student Training Programme  
on Softwares in Civil Engineering**


Date - 24<sup>th</sup> May 2022 Day - Thursday,  
Time - 11:00 AM  
Venue - VC Room, PVPIT Bavdhan, Pune

**Chief Guest**



**Er. Pravin Kolhe**  
Superintending Engineer  
Water Resources Department  
Government of Maharashtra, India  
Topic: Career Opportunities for Civil Engineer III  
Management Section

**Guest of Honour**



**Er. Vivek Chintal**  
Programme  
Senior Consultant  
Topic: Software Based Entrepreneurship  
Management Section

**Patrons**

Hon. D. T. Sawant  
Secretary, Maharashtra

Dr. V. A. Bapatkar  
Chairman, TSSM

Dr. C. M. Sankar  
Member, TSSM

Dr. S. B. Sankar  
Member, TSSM

Patron, TSSM  
Dr. R. R. Sorate  
HOD (Civil)

4. Flyer of Valedictory Function and Certificate Distribution

*Dr. D. R. Kulkarni*

Dr. D. R. Kulkarni  
Event Coordinator

*Dr. R. R. Sorate*

Dr. R. R. Sorate  
HOD (Civil)





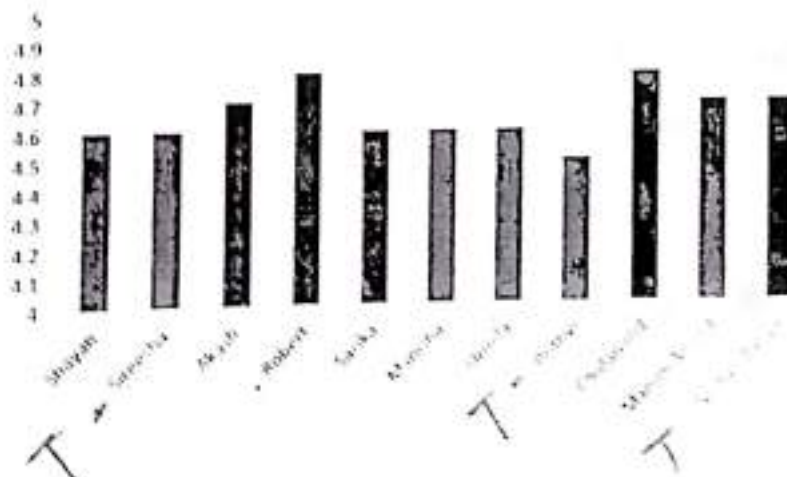




		2:00 PM to 5:00 PM	Python Data Types-1 -> int, float, complex, Bool, str, bytes, bytearray
13-05-2022	Day 18	10:00 AM to 1:00 PM	Python Data Types-2 -> list, tuple, range, set, frozenset, dict, none
		2:00 PM to 5:00 PM	HCF and LCM
01-08-2022	Day 19	9:00 AM to 11:00 AM	Data Types, File handling, arrays
		11:15 AM to 1:15 PM	Loops, Command Line arguments
		2:00 PM to 4:00 PM	OOPS concept, Practical debugging
02-08-2022	Day 20	9:00 AM to 11:00 AM	Input output, Stacks and Queues, linked list
		11:15 AM to 1:15 PM	Trees, Graphs, Hashing + Time complexity
		2:00 PM to 4:00 PM	Dynamic programming + Trees + Linked Lists
03-08-2022	Day 21	9:00 AM to 11:00 AM	Technical MCQ'S C++ + OOPS, DSA
		11:15 AM to 1:15 PM	Object Oriented programming systems
		2:00 PM to 4:00 PM	Data Structures, DBMS + Arrays + Function Overloading
04-08-2022	Day 22	9:00 AM to 11:00 AM	Muck GD + DO's and Dont's of GD
		11:15 AM to 1:15 PM	
		2:00 PM to 4:00 PM	Coding and Decoding + Problems on trains
05-08-2022	Day 23	9:00 AM to 11:00 AM	Reading comprehension Closet test
		11:15 AM to 1:15 PM	Time speed and distance + Time and Work
		2:00 PM to 4:00 PM	Seating arrangement + Visual Reasoning
06-08-2022	Day 24	9:00 AM to 11:00 AM	Clocks and Calendars
		11:15 AM to 1:15 PM	Blood relation + Number system
		2:00 PM to 4:00 PM	Reading comprehension Closet test
08-08-2022	Day 25	9:00 AM to 11:00 AM	Subject verb agreement + Paragraph formation
		11:15 AM to 1:15 PM	Closet test - Vocabulary
		2:00 PM to 4:00 PM	HR Competency questions

### TRAINERS RATINGS FOR OFFLINE

Trainers Feedback



### Feedback report

Average college feedback:	4.65
Highest average feedback by a trainer:	4.80
Least average feedback by a trainer:	4.50

### Positive feedback

Good Interaction with Students

Interesting session

Innovative session

### PURPOSE OF THE TRAINING PROGRAM:

- Our Training program would assist the students-keeping their placements in mind, by crafting a captivating interpersonal skill, along with strong responses to both behavioral and technical interview questions.
- Fine tuning of the student's attitude to learning, motives, values and deal with different situations responsibly and diligently, also makes them a good predictor of academic success.
- This training program helps them leverage their most marketable-and transferable-skills to new career paths and types of work.
- Our training would help students to set inspiring but realistic goals in their professional life.

The students are very co-operative and enthusiastic to learn. We would like to thank the Placement Department and the Management Team of, **JSPM's PVPIT Pune** for giving us this opportunity.





**TRAINING REPORT**

OF

**CAMPUS RECRUITMENT TRAINING**

FOR

ENGINEERING Students OF

**JSPM'S PVPIT (2023 Batch)**

CONDUCTED BY

**SEVENTH SENSE TALENT SOLUTIONS,  
BENGALURU**

Website: [www.seventhensentalent.com](http://www.seventhensentalent.com)  
Youtube: <https://www.youtube.com/c/SeventhSenseAptitudePrep>  
Email: [info@seventhensentalent.com](mailto:info@seventhensentalent.com)









		2:00 PM to 5:00 PM	Python Data Types 1 -> int, float, complex, Bool, str, bytes, bytearray	T.
13-05-2022	Day 18	10:00 AM to 1:00 PM	Python Data Types 2 -> list, tuple, range, set, frozenset, dict, none	-T.
		2:00 PM to 5:00 PM	HCF and LCM	-A.
01-08-2022	Day 19	9:00 AM to 11:00 AM	Data Types, File handling, arrays	-T.
		11:15 AM to 1:15 PM	Loops, Command Line arguments	-T.
		2:00 PM to 4:00 PM	OOPS concept, Practical debugging	-T.
02-08-2022	Day 20	9:00 AM to 11:00 AM	Input output, Stacks and Queues, Linked list	-T.
		11:15 AM to 1:15 PM	Trees, Graphs, Hashing + Time complexity	-T.
		2:00 PM to 4:00 PM	Dynamic programming + Trees + Linked Lists	T.
03-08-2022	Day 21	9:00 AM to 11:00 AM	Technical MCQ's, C, C++, OOPS, DSA	T.
		11:15 AM to 1:15 PM	Object Oriented programming systems	T.
		2:00 PM to 4:00 PM	Data Structures, DBMS + Arrays + Function Overloading	T.
04-08-2022	Day 22	9:00 AM to 11:00 AM	Mock GD + DO's and Dont's of GD	Soft.
		11:15 AM to 1:15 PM		-Ap.
		2:00 PM to 4:00 PM	Coding and Decoding + Problems on trains	T.
05-08-2022	Day 23	9:00 AM to 11:00 AM	Reading comprehension Closet test	Soft
		11:15 AM to 1:15 PM	Time speed and distance + Time and Work	A.
		2:00 PM to 4:00 PM	Seating arrangement + Visual Reasoning	toy
06-08-2022	Day 24	9:00 AM to 11:00 AM	Clocks and Calendars	-A.
		11:15 AM to 1:15 PM	Blood relation + Number system	A.
		2:00 PM to 4:00 PM	Reading comprehension Closet test	Soft
08-08-2022	Day 25	9:00 AM to 11:00 AM	Subject verb agreement + Paragraph formation	Edt.
		11:15 AM to 1:15 PM	Closet test + Vocabulary	BT Verb
		2:00 PM to 4:00 PM	HR Competency questions	Soft

### TRAINERS RATINGS FOR OFFLINE



11 - Trainers  
 Technical - 03  
 Aptitude - 08  
 Soft - 08

### Feedback report

Average college feedback:	4.65
Highest average feedback by a trainer:	4.80
Least average feedback by a trainer:	4.50

### Positive feedback

Good Interaction with Students
Interesting session
Innovative session

### PURPOSE OF THE TRAINING PROGRAM:

- Our Training program would assist the students-keeping their placements in mind, by crafting a captivating interpersonal skill, along with strong responses to both behavioral and technical interview questions.
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- Our training would help students to set inspiring but realistic goals in their professional life.

The students are very co-operative and enthusiastic to learn. We would like to thank the Placement Department and the Management Team of, **JSPM's PVPIT Pune** for giving us this opportunity.





( 2023 batch )

Full Name	Email Address	Contact Number (Preferably Whatsapp Number) *	Branch of Study	Amount Paid	Name of the Institute
Shaikh Aysha Toqal	ayeshashk7728@gmail.com	9307862251	Computer engineering	3500	PVPIIT College Bavdhan, Pune
Mande Hileta Lala	nikitamano2001@gmail.com	9307474150	Electronics and Telecommunication Engineering	3500	PVPIIT College Bavdhan, Pune
Aditya Rajesh Nere	adityanere.2001@gmail.com	9622775712	Computer science	3500	PVPIIT College Bavdhan, Pune
Indrajeet vijay kedari	indrajeetkedari21@gmail.com	7020988347	electronics and telecommunication	3500	PVPIIT College Bavdhan, Pune
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Pradnya shantaram uavale	vavalepradnya2018@gmail.com	9.193596+11	E&TC	500	PVPIIT College Bavdhan, Pune







### ABOUT SEVENTH SENSE

- Incorporated in 2010 by IIM Bangalore alumni
- Associated with 252 campuses across the country for training/placements
- Train more than 83,000 students every year
- AICTE Partner as part of NEAT (National Educational Alliance for Technology)
- One of the Implementing Partner of United Nations Development Program in India
- Placement Partner of Government of Karnataka
- Active MoUs with 452 companies
- Comprehensive practise portal for students that trains student on Aptitude, Communication, Technical, Programming, Resume, Group Discussion and Interviews
- Assessment portal which is used by leading corporates to evaluate candidates (includes video recording and plagiarism detection software)
- Comprehensive dashboard on preparation and placement status accessible by the 3 Cs - Candidate, College and Company
- Place Sense - 50 Assured Placement Drives is one of our most successful service offerings to students

1M + students trained and counting at:



### SAMPLE SNAPSHOT OF COLLEGE CLIENTS



# 4, 1<sup>st</sup> Floor, 23<sup>rd</sup> 'A' Main,  
JP Nagar 2<sup>nd</sup> Phase, Bengaluru - 560 078.

080-4174 4141    8247225681  
Info@seventhsensetalent.com  
www.seventhsensetalent.com

TURN TO KNOW MORE...



Cappemini Assessment Report

Name	Email	Overall Percentage	Status	Report
Sumesh	sumedhkadam2503@gmail.com	23.75	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1037131
Devdatta Patil	devdattapatil55022@gmail.com	52.5	Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036999
Ashwini Bavdhankar	ashwini.bavdhankar37@gmail.com	35	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036850
Swapnil Ghule	swapnilghule0143@gmail.com	43.75	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036757
Poorva Nimbalkar	poorvanimbalkar771@gmail.com	62.5	Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036712
Amruta Balkrishna Pawar	amrutabp2001@gmail.com	37.5	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036675
Kerba Mane	kerbamane12345@gmail.com	8.75	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036667
shubham Gaikwad	shubhamgaikwad292001@gmail.com	21.25	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036532
Aniket Matkar	aniketmatkar628@gmail.com	42.5	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036476
Akanksha wagh	akankshavijaywagh@gmail.com	45	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036430
diksha kandhare	dikshakandhare20@gmail.com	27.5	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036451
Vaishnavi Pawar	pawar5vaishnavi@gmail.com	31.25	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1036400
Rohan gore	gorerohan4809@gmail.com	63.75	Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1035675
Viraj Patil	patilviraj2001@gmail.com	46.25	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1035615
Mande Nikita	nikitamande2001@gmail.com	35	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1035579
Pradnya	vavalepradnya2018@gmail.com	36.25	Not Qualified	https://seventhsetalentsolutions.xobin.com/fullreport?iid=1035580

Total - 16

Students qualified - 03  
Students not qualified - 13

ETC - 08 / 23  
CS - 07 / 28  
ME - 01 / 02

Total = 16



CV-00/01

21



Pseudo Code(%)	Verbal Ability(%)	Aptitude Ability(%)	Name	Email ID	USN
20	36	16.67	Sumedh	Sumedhkadam2503@gmail.com	sumedh
72	72	20	Devdatta Patil	devdattapatil55022@gmail.com	33
20	28	53.33	Ashwini Bavdhankar	ashwini.bavdhankar37@gmail.com	Ashwini Bavdhankar
32	28	66.67	Swapnil Ghule	swapnilghule0143@gmail.com	NA
56	68	63.33	Poorva Nimbalkar	poorvanimbalkar771@gmail.com	poorvanimbalkar
20	20	66.67	Amruta Balkrishna Pawar	amrutabp2001@gmail.com	Amruta Pawar
28	Not submitted	Not submitted	Kerba mane	kerbamane12345@gmail.com	kerba
0	32	30	shubham Gaikwad	shubhamgaikwad292001@gmail.com	shubham Gaikwad
48	48	33.33	aniket	aniketmatkar628@gmail.com	ff
52	40	43.33	Akanksha Wagh	akankshavjaywagh@gmail.com	72030346L
40	16	26.67	diksha kandhare	dikshakandhare20@gmail.com	diksha kandhare
32	28	33.33	Vaishnavi Pawar	pawar55vaishnavi@gmail.com	72030301L
44	60	83.33	Rohan Gore	gorerohan4809@gmail.com	0
68	76	3.33	Viraj Patil	patilviraj2001@gmail.com	72030297J
28	36	40	Nikita Mande	nikitamande2001@gmail.com	-
48	24	36.67	Pradnya shantaram vavale	vavalepradnya2018@gmail.com	Pradnya



Branch	College Name	Offtab Count	Completion Date
electronic and telecommunication	Roscoe college of pune	2	8/31/2022
Computer	PVPIT	0	8/31/2022
E&TC	PVPIT Bavdhan	0	8/31/2022
ECE	PVPIT Pune	2	8/31/2022
Computer	PVPIT	1	8/31/2022
E&Tc	PVPIT Bavdhan Pune.	2	8/31/2022
electronic and telecommunications	pvpit college of engineering pune	0	8/31/2022
computer	PVPIT Bavdhan	2	8/30/2022
computer	pvpit bavdhan	1	8/30/2022
Computer	PVPIT	0	8/30/2022
E&TC	pvpit	0	8/30/2022
computer science	PVPIT Pune	0	8/30/2022
mechanical engineering	pvpit college	0	8/29/2022
Computer	PVPIT	0	8/29/2022
E&TC	PVPIT Bavdhan	0	8/29/2022
E and tc	Pvpit	1	8/29/2022

ETC-08  
CS-07  
ME-01





TSSM's  
Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune



Training & Placement Cell

Ref no. PVP/Inst/Notice/399/2022-23

Date: 07/10/2022

Notice

All the HODs are hereby informed that "Rubicon Soft Skills Training" (Offline mode) will be organized by Training & Placement Cell for the B.E. Students of 2023 Batch.

The objective of the training is to develop the required set of skills into the students for their development.

Training Schedule Dates & Timings:-

Start from 11 Oct 2022 at 1.30 pm to 4.30 pm. same schedule for 12<sup>th</sup>, 13<sup>th</sup> & 17<sup>th</sup> October, 2022.

Friday & Saturday 14<sup>th</sup> & 15<sup>th</sup> October 2022 training will be in two slots.

I Slot- 9.00 am - 12.00 pm. & II Slot - 1.00 pm - 4.00 pm.

Sr. No.	Name of HOD	Department	Sign
1	Prof. Dr. P.E. Chaudhari	Mechanical Department	
2	Prof. Dr. R. R. Sorate	Civil Department	
3	Prof. Dr. Sarika Bodake	Computer Department	
4	Prof. Dr. P.V. Mulmule	ETC Department	

Note: - This training is for only Final year students & attendance & training of the students will be monitored by Department TPC's.

Prof. Akash Shrivastava  
TPO, PVPIT  
TPO  
Padmabhooshan Vasantdada  
Patil Institute of Technology,  
Bavdhan, Pune



Dr. R.S. Pawar  
Principal, PVPIT  
PRINCIPAL  
Padmabhooshan Vasantdada Patil  
Institute of Technology,  
Bavdhan, PUNE-411031



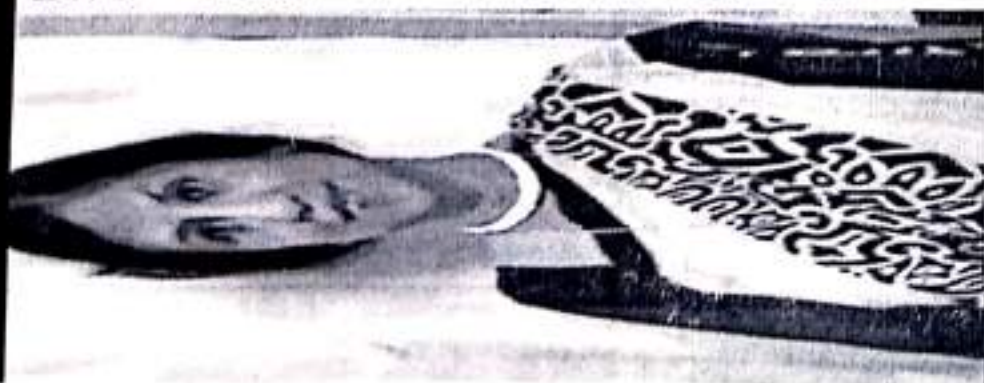
Beena Kadam

Daughter of - Ex Principal Shri Shivaji Preparatory Military School (Principal Late Mr. Murfidhar Narayan Kadam)  
Grand Daughter of WWII Veteran (Major Narayan Vishram Kadam - Sardar Bahadur Order of British Empire)

❖ Retired as Senior Quality Assurance Manager from LNT Technology Services Mumbai  
My Professional Certifications :- Post Graduation in Banking, 16 certifications with implementation in CMMI Dev, CMMI SVC, Six Sigma Green belt, ITIL foundation, ISO certified Lead Auditor, Scrum Master, CMMI Dev ATM, Train The Trainer, Toast Master. Also Practiced & Got Implemented CMMI Dev, CMMI SVC, ISO 20K, ISO 9K, ISO14K, ISO27K, ISAE3402, HIPPA

#### Some of My Achievements

- ❖ Organizational Acquisition - Lead, Managed and facilitated seamless integration in parent organization for 2 new units acquired (500+ personnel) to organizational quality policies and certifications compliance level Pune and Hyderabad in India.
- ❖ Headed Organizational Initiatives and helped Mentor & Train large Business Units (2000 + members) in making huge improvements in Customer Satisfaction, Defect Prevention, Team Building, Facing External Assessments etc
- ❖ Last Assignment as Program Manager in USA - 3+ years to understand, motivate and help facilitate building of Organizational Policies, Procedures related to Organizational Improvement. @ Customer location, which also included Training & implementation.
- ❖ I have now ventured in sharing my knowledge and expertise to the GenNext as we call our young students today. I now have my own training firm GenNext Management Consultancy; from Jan 2020 to date I have trained 12500 students and Professionals from IT in Soft Skills, Project & Risk Management, Continuous Change Mgmt., Profitability and many more





# Kubicon Skill Development Pvt. Ltd

## Training Attendance Form

Name of College	Batch No -
Title of Event	
Date of Event	
Location of Event	
Trainer Name	

Fabimachan Vasantnagar Pali Institute of Technology, Pune

Face to Face Training Schedule - Life Skills Training Program

Oct 11 to Oct 17, 2022

Pune

Beena Kadam

Sr No-	Name of the Student	Mobile number	Course name	Day 1 Sign	Day 2 Sign	Day 3 Sign	Day 4 Sign	Day 5 Sign	Day 6 Sign	Day 7 Sign
1	Arthava Khole	9175076515	BE - Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
2	Rishika Kothic	935242020	BE - Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
3	Rishi Phale	9619360028	BE Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
4	Raj Deshmukh	7059328344	BE Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
5	Omkar kolekar	7058143146	BE Mech A-20	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
6	Prandnya vavale	9591402811	BE ETC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
7	Arnav Patel	91112252	BE ETC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
8	Nikhil Ardhale	7519777267	BE ETC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
9	Kalyan: Maday	2390955202	BE - ETC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
10	Nilambhari Chougale	8010653183	BE - ETC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
11	Pratik Malwan	9556311480	BE Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
12	Venkatesh Mhatre	7447475069	BE - Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
13	Munish Desai	7010702900	BE - Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
14	Kashara Panshal	8080829447	BE - Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
15	Muket Jain	7732647175	BE - Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
16	Ramesh Adhikar	9762064775	BE - Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
17	Maresh Surwase	4604311222	BE - Mech	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
18	Minal Shewale	8080246153	BE - ETC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
19	Shivani Farge	7378258297	BE ETC	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]





Sr No:-	Name of the Student	Mobile number	Course name	Day 1 Sign	Day 2 Sign	Day 3 Sign	Day 4 Sign	Day 5 Sign	Day 6 Sign	Day 7 Sign
20	Sakshi Dhas	9870401352	BE E&TC	Sakshi	Sakshi	Sakshi				
21	Souf Shaikh	9284837848	BE E&TC	Souf	Souf	Souf				
22	Pushkaraj Said	7350006747	BE E&TC	Said	Said	Said				
23	Saurabh Mali	9307169724	BE E&TC	Saurabh	Saurabh	Saurabh				
24	Nisarg Shilatri	7021245613	BE Mech	Nisarg	Nisarg	Nisarg				
25	Pratik Nerkar	7020996034	BE E&TC	Pratik	Pratik	Pratik				
26	Vraj-Gadekar	9881066796	BE E&TC	Vraj	Vraj	Vraj				
27	Nilofar Tamboli	8378073909	BE E&TC	Nilofar	Nilofar	Nilofar				
28	Vishakha Jambhale	8530684504	BE E&TC	Vishakha	Vishakha	Vishakha				
29	Nandini Pantar	9146966878	BE E&TC	Nandini	Nandini	Nandini				
30	Rohan Gore	9284961030	BE Mech	Rohan	Rohan	Rohan				
31	Rohan Bhagade	9767868377	BE Mech	Rohan	Rohan	Rohan				
32	Pravin. Benni	7552577008	B.E Mech	Pravin	Pravin	Pravin				
33	Pratishtha Nimmal	906755306	B.E Mech	Pratishtha	Pratishtha	Pratishtha				
34	Purnesh Borole	7057568307	BE Mech	Purnesh	Purnesh	Purnesh				
35	Sohel Shaikh	9096418338	BE Mech	Sohel	Sohel	Sohel				
36	Shubham Patole	9028653054	BE Mech	Shubham	Shubham	Shubham				
37	Krishna Gubnar	7972978514	BE Mech	Krishna	Krishna	Krishna				
38	Yash Mawke	7020108935	BE Mech	Yash	Yash	Yash				
39	Prasanna Sunde	992386442	BE E&TC	Prasanna	Prasanna	Prasanna				
40	Prathmesh Babekar	908246053	TE CIVIL	Prathmesh	Prathmesh	Prathmesh				
41	Akshay Patil	7378572890	B.E Mech	Akshay	Akshay	Akshay				
42	Prathmesh Kapedne	8430490446		Prathmesh	Prathmesh	Prathmesh				
43	Prathmesh Kapedne	7007174926	BE Mech	Prathmesh	Prathmesh	Prathmesh				
44	Saurabh Mohalkar	9356150516	B.E Mech	Saurabh	Saurabh	Saurabh				
45	Pamvira Gamanire	913040454	B.E E&TC	Pamvira	Pamvira	Pamvira				



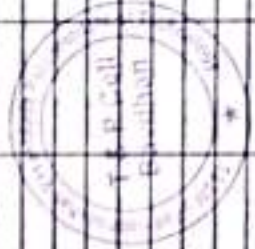


Sr No-	Name of the Student	Mobile number	Course name	Day 1 Sign	Day 2 Sign	Day 3 Sign	Day 4 Sign	Day 5 Sign	Day 6 Sign	Day 7 Sign
46	Akash name	9622276870	T.E CIVIL	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
47	Pravinraj diande	9030037080	T.E CIVIL	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
48	Ashwara Jekar		T.E CIVIL	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
49	Vikas Jadhav	8412852031	T.E CIVIL	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
50	Omkar Salunkhe	9925563271	T.E CIVIL	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
51	Shreyas Pambhar	7882198578	B.E Mech	-	-	-				
52	Shubham Kumbhar	7746862769	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
53	Shubham Patil	7022555057								
54	Rushikesh Jagtap	8459994753	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
55	Vaibhav Gaudli	7620385660	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
56	omkar bhusrare	8956732952	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
57	Mayuri Jagtap	7385051255	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
58	Ankita Tarse	9973401985	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
59	Dhiraj Limbhare	9142024991	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
60	Sushrut Satpute	7507167258	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
61	Rushikesh Angre	8668947352	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
62	Aditi Sitaphale	9822418040	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
63	Harsh Bhuravay	9021624593	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
64	Harshal Vadak	9309950636	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
65	Swarnim More	8606351812	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
66	Mayur Walunj	8080401808	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
67	Pranavi Raut	976757264	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
68	Chandani Chaudhari	9822729940	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
69	Rishabh Banga	7447955763	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
70	Vinay Satpute	9404812956	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
71	Tanmay Bhandiwakar	9556760215	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
72	Anush Kallambkar	9112373534	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
73	Vaibhav S. Belokar	9834577249	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				
74	OMKAR Narwade	9284432024	T.E E&TC	<del>Pravara</del>	<del>Pravara</del>	<del>Pravara</del>				





Sr No-	Name of the Student	Mobile number	Course name	Day 1 Sign	Day 2 Sign	Day 3 Sign	Day 4 Sign	Day 5 Sign	Day 6 Sign	Day 7 Sign
75	Dipali Manoj Kothad	7660680177	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
76	Shruti Anilbade	8320081165	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
77	Prabhakar S. S. S. S.	9900450160	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
78	Pavani Galkar	9151306511	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
79	Pratima Saha	9151306511	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
80	Pratima Saha	9151306511	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
81	Pratima Saha	9151306511	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
82	Pratima Saha	9151306511	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
83	Pratima Saha	9151306511	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
84	Kamal Kamesh Babale	9088122240	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
85	Swarnali Sonwane	7517209651	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
86	Sushmita Babale	7507167257	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
87	Sushmita Babale	9359333231	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
88	Ashwini Bhandarkar	9111077247	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
89	Anjali Deshmukh	7378573746	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
90	Nibha Munde	9307231522	TF & ENIC	PRAD	PRAD	PRAD	PRAD	PRAD		
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# Rubicon Skill Development Pvt. Ltd

## Training Attendance Form

Name of College	Batch No -
Title of Event	Face to Face Training Schedule : Life Skills Training Program
Date of Event	Oct 11 to Oct 17-2022
Location of Event	Pune
Trainer Name	Beena Kadam

Sr No-	Name of the Student	Mobile number	Course name	Day 1 Sign	Day 2 Sign	Day 3 Sign	Day 4 Sign	Day 5 Sign	Day 6 Sign	Day 7 Sign
1	Manthan Kunjere	8055105500	B.E E&TC							
2	Rabon Gore	9284961030	B.E Mech.							
3	Shubham Kumble	7796862761	T.E E&TC							
4	Maresh Suravise	9604311988	B.F Mech.							
5	Venkatesh Mantrik	7447435059	B.E. Mech							
6	Pratik Mahajan	9356311480	BE MECH							
7	Nikhil Kulkarni	8381018268	B.E. MECH							
8	Shannak Mujumdar	9225289628	B.E. MECH							
9	Shruti Kherade	7620786491	T.E E&TC							
10	Rutvik Darsoukhar	7338398885	T.E E&TC							
11	Ankar Sinde	960464346	T.E MECH							
12	Parthiv Chorge	869845093	T.E E&TC							
13	Rushikesh Dabmuth	9130092603	T.E E&TC							
14	Karan Kalbar	9823216192	T.E E&TC							
15	Saamang Bhagadkar	956811816	T.E E&TC							
16	Anugk Pehle	935599916	T.P. E&TC							
17	Ashish Vajjare	9860949588	TP Mech.							
18	Vikas Pawar	9067261627	TP. Mech							
19	Shubhanur Nagre	9357383238	BE. E&TC							





Sr No-	Name of the Student	Mobile number	Course name	Day 1 Sign	Day 2 Sign	Day 3 Sign	Day 4 Sign	Day 5 Sign	Day 6 Sign	Day 7 Sign
20	Pranuraj R. Gangwar	9130704641	B.E. E & TC							
21	Vijay D. Cudekar	9881066796	BE E & TC							
22	Ashwini Patil	9218022510	BE E & TC							
23	Ashwini Patil	8015153110								
24	Ashwini Patil	8262027551	SE Comp							
25	Shayash Patil	832983253	SE Comp							
26	Aditya Ganesh	8669153083	SE Comp							
27	Swarna Chatur	7385105241	SE Comp							
28	Shivaji Raut	7972902310	SE Comp							
29	Vaishali Walde	791851374	SE Comp							
30	Mahesh Gaikwad	8322550409	SE Comp							
31	Ashwini Patil	8432552121	SE Comp							
32	Vandita Dharmare	9834228508	SE ENT C							
33	Manali Gredse		SE Comp							
34	Pranavi Raut	8767577264	TE ENT C							
35	Mayuri Jagtap	7385051759	TE ENT C							
36	Komal Dhobale	8080178340	TE ENT C							
37	Tejasvi Khot	8459570016	TE Comp							
38	Amrita Zende	9967679372	SE Comp							
39	Rishi Thali	9619360024	BE Mech							
40	Rutwik Kulkarni	9256222027	BE Mech							
41	Ashish Bhaske	8446062812	SE Comp							
42	Ashish Bhaske	942557625	SE Comp							
43	Pratik Mahajan	8180834928	BE MECH							
44	Manisha Dune	9164787854	TE E & TC							
45	Aditi Vaishnavdye	81047985	TE E & TC							



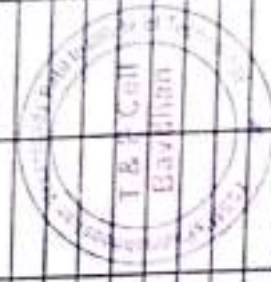


Sr No.	Name of the Student	Mobile number	Course name	Day 1 Sign	Day 2 Sign	Day 3 Sign	Day 4 Sign	Day 5 Sign	Day 6 Sign	Day 7 Sign
46	Anshu Reela	9106765588	TE ETC							
47	Raj J Deshmukh	7540320366	BE Mech							
48	Neta Chergar	9022142886	TE ETC							
49	Pratmesh Kapude	800714920	BE Mech							
50	Mees Jain	7138641175	BE Mech							
51	Pranav Chavan	7066579897	BE ETC							
52	Sanskriti Mekarhi	764954926	BE Comp							
53	Rutuja Sakar	7518517438	BE Comp							
54	Pooja Jagtap	7581058938	BE Comp							
55	Yashwanth Dajad	776503800	BE Comp							
56	Suryavari Suryavari	9881906198	BE Comp							
57	Tarajit Kedar	7789521842	BE ETC							
58	Somnath Salgaonkar	9231760720	BE ETC							
59	Ashish Kiran mawale	9623016870	TE CIVIL	<i>Pranav</i>						
60	Ashwini Nilip Jekar	940556098	TE CIVIL	<i>Pranav</i>						
61	Pradipmanish Patil	902466093	TE CIVIL	<i>Pranav</i>						
62	Pradipmanish Patil	7030037080	TE CIVIL	<i>Pranav</i>						
63	Soumitraj Patil	7495300917	TE CIVIL	<i>Pranav</i>						
64	Vikrant Chaudhari	8375847695	BE MECH	<i>Pranav</i>						
65	Tanujah Dorok	7057568507	BE MECH	<i>Pranav</i>						
66	Sahel Shaikh	709641818	BE MECH	<i>Pranav</i>						
67	Ashij Fulla	9970902193	BE MECH	<i>Pranav</i>						
68	Aditya Singhvansh	7520839158	SE COMP	<i>Pranav</i>						
69	Ashutosh Dhumal	902510388	SE COMP	<i>Pranav</i>						
70	Ashutosh Dhumal	902510388	SE COMP	<i>Pranav</i>						
71	Pranav Prasad	959059596	SE COMP	<i>Pranav</i>						
72	Sudhraj Pawar	8698496345	SE COMP	<i>Pranav</i>						
73	Tanujah Dorok	925462073	SE COMP	<i>Pranav</i>						
74	Sudhraj Pawar	9028825370	TE ETC	<i>Pranav</i>						



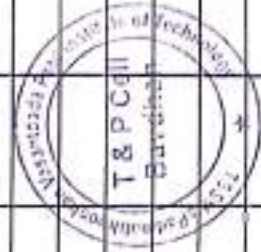


Sr No-	Name of the Student	Mobile number	Course name	Day 1 Sign	Day 2 Sign	Day 3 Sign	Day 4 Sign	Day 5 Sign	Day 6 Sign	Day 7 Sign
75	Rohit R. Pawar	7620024952	EITC (T.E.)	<i>[Signature]</i>						
76	Smita Talwalkar	9847740515	EITC (T.E.)	<i>[Signature]</i>						
77	Ganesh Kapse	9250533037	EITC (T.E.)	<i>[Signature]</i>						
78	Ayush Phapale	9272699247	Comp (SE)	<i>[Signature]</i>						
79	Tejra R. J	9993588907	Comp (T.E.)	<i>[Signature]</i>						
80	Arbha Sawarab	7597027303	Comp (SE)	<i>[Signature]</i>						
81	Dipak Deshmukh	9373654389	EITC (T.E.)	<i>[Signature]</i>						
82	Akshay Patil	7578512996	Mech (PE)	<i>[Signature]</i>						
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Sr No-	Name of the Student	Mobile number	Course name	Day 1 Sign	Day 2 Sign	Day 3 Sign	Day 4 Sign	Day 5 Sign	Day 6 Sign	Day 7 Sign
20	Meet Jain	7738647175	BE MECH	Sign	Sign					
21	Vivek Kokare	9146405871	BE Comp	X	Sign					
22	Ravighna Bhalerao	9834057114	BE Comp		Sign					
23	Ashutosh Dhurnal	9021510388	SE Comp		Sign					
24	Mahesh Gaikwad	9322559408	SE Comp		Sign					
25	Ashwani Chavan	9175071694	SE Comp		Sign					
26	Atharva W	9767422947	SE Comp		Sign					
27	Bhaver Rathod	9689129708	SE Comp		Sign					
28	Shivam Kerkade	8390208968	SE Comp		Sign					
29	Ashwani Chavan	8421567915	SE Comp		Sign					
30	Rahul Gaikwad	9119494771	SE Comp		Sign					
31	Kunal Dhak	8830309688	SE Comp		Sign					
32	Harshad Patil	9529493067	SE Comp		Sign					
33	Atharv Mutani				Sign					
34	Arunabh Dikshi				Sign					
35	Om Yenpure	706680709	SE. E & TC		Sign					
36	Nirav Jadhav	9049861291	SE. E & TC		Sign					
37	Ashwani Kerkade	7385248501	SE E & TC		Sign					
38	Suresh Nimbalkar	7378353830	SE E & TC		Sign					
39	Akash mane	9623276870	T.E civil		Sign					
40	Atharva Tokar	9405655196	T.E civil		Sign					
41	Prathviraj Dinde	7030037080	T.E civil		Sign					
42	Saloni Bankar	7499668908	S.F Computer		Sign					
43	Achal Malviya	902178130	S.F Comp.		Sign					
44	Naishravi Harware	9960986069	S.F Comp		Sign					
45	Niish Prasad	8021709367	S.F E & TC		Sign					





Sr No:-	Name of the Student	Mobile number	Course name	Day 1 Sign	Day 2 Sign	Day 3 Sign	Day 4 Sign	Day 5 Sign	Day 6 Sign	Day 7 Sign
46	Sejal Ghadge	8767085670	S-E E&TC		<i>Sejal</i>					
47	Sanica Charey	7385105291	SE Comp		<i>Sanica</i>					
48	Ameeta Zende	9967679372	SE Comp		<i>Ameeta</i>					
49	Dnyaneshwari Sawade	9370530545	SE Comp		<i>Dnyaneshwari</i>					
50	Akanksha Jagtap	8208451074	BE Comp		<i>Akanksha</i>					
51	Akanksha Alagh	8080277780	BE Comp		<i>Akanksha</i>					
52	Hastika Gajbhar	9067590366	BE E&TC		<i>Hastika</i>					
53	Purvesh Borole	7057568507	BE mech		<i>Purvesh</i>					
54	Kolekar Jitkar	7058143146	BE. Mech		<i>Kolekar</i>					
55	Sahel Shaikh	9096428838	BE Mech		<i>Sahel</i>					
56	Yash Maske	7020108450	BE Mech		<i>Yash</i>					
57	Ashaj Mulla	9990902923	BE Mech		<i>Ashaj</i>					
58	Atharva Patil	7218832570	BE E&TC		<i>Atharva</i>					
59	Aditya B. Lahumare	805858921	BE - MECH		<i>Aditya</i>					
60	Rishu. Balke	9356282022	BE - MECH		<i>Rishu</i>					
61	Swarni Iqbal	9923867402	BE - E&TC		<i>Swarni</i>					
62	Felba Nune	7499104089	BE E & TC		<i>Felba</i>					
63	Prituvi Bai Et.	9130404541	BE E & TC		<i>Prituvi</i>					
64	Ashwesh Borole	7020702900	BE mech		<i>Ashwesh</i>					
65	Prathmesh Kapade	8007174916	BE Mech		<i>Prathmesh</i>					
66	Venkaj Mahare	7447435059	BE MECH		<i>Venkaj</i>					
67	Alkhan Patil	7378512990	BE MECH		<i>Alkhan</i>					
68	Mehesh Nurnore	9604211358	BE MECH		<i>Mehesh</i>					
69	Pratik Mahajan	8180834928	BE MECH		<i>Pratik</i>					
70	Rishi Thali	9610300024	BE MECH		<i>Rishi</i>					
71	Atharva Khale	9175076515	BE MECH		<i>Atharva</i>					
72	Pramesh Achikari	9762064775	BE. Mech		<i>Pramesh</i>					
73	Rishu Mahajan				<i>Rishu</i>					
74										





**Rubicon Training Soft Skills Training**

Sr.no	Name of student	Branch	Class	Mobile No	E-mail ID
1	Viraj Gadekar	E&TC	BE	9881066796	virajgadekar1399@gmail.com
2	Siddhesh Mahagaonkar	E&TC	TE	8669301217	25siddheshmahagaonkar@gmail.com
3	Payal Nanasahab Gaikwad	E&TC	TE	9665139058	gaikwadpayal227@gmail.com
4	Shubhangi Sirsate	E&TC	TE	9309589050	shubhangisirsate9580@gmail.com
5	Swapnil Ghule	E&TC	BE	9923887452	swapnilghule369@gmail.com
6	Ankita ani Tare	E&TC	TE	9373401995	ankitatare723@gmail.com
7	Ganesh Babu Kambale	E&TC	BE	7875103674	kambleganesh484@gmail.com
8	Ritesh Raju Sanap	E&TC	TE	8923732855	riteshsanap007@gmail.com
9	Siddhi shirode	E&TC	TE	08554938802	siddhishirode123@gmail.com
10	Manisha Drave	E&TC	TE	8104787859	manishadrave51521@gmail.com
11	Rohit doiphode	E&TC	BE	8922052136	rohitdoiphode2001@gmail.com
12	Pushkaraj Said	E&TC	BE	7350006747	saidpushkar@gmail.com
13	Rutwik Darwajkar	E&TC	TE	7378398885	darwikarrut@gmail.com
14	Saurabh Rajendra Mali	E&TC	BE	8307189724	saurabhrajendramali2681@gmail.com
15	Yogita Babu Jadhav	E&TC	BE	8482835156	yogitajadhav9495@gmail.com
16	Hriska Gajbhiye	E&TC	BE	9067590366	hriskagajbhiye1@gmail.com
17	Bhakti kadaji Patil	E&TC	BE	9359824430	reply2bhakti@gmail.com
18	Rashmi Bhangale	E&TC	TE	9209234802	rashmibhangalevrn@gmail.com
19	Amruta Balkrishna Pawar	E&TC	BE	8080833631	amrutabp2001@gmail.com
20	Komal Dhobale	E&TC	TE	8080178340	komaladhobale2020@gmail.com
21	Gayatri Chaudhari	E&TC	TE	9022723940	gayatrichaudhari1625@gmail.com
22	Saif shaikh	E&TC	BE	9284837848	saifshaikh8441@gmail.com
23	Mayuri Jagtap	E&TC	TE	7385051755	mayurijagtap1755@gmail.com
24	Onkar Sunil Bhusare	E&TC	TE	08956732962	onkarbhusare2021@gmail.com
25	Gauri Girish Rane	E&TC	TE	9370984478	gaurirane3010@gmail.com
26	Harshal Rajendra Vadak	E&TC	TE	9309950636	karanvadak4141@gmail.com
27	Harsh Sudhir Burrewar	E&TC	TE	9021624593	burrewarharsh03@gmail.com
28	Vaibhav Gavali	E&TC	TE	07620385680	vaibhavgavali2002@gmail.com
29	Ayush kalambkar	E&TC	TE	9112373534	ayushkalambkar01@gmail.com
30	Viraj Vasanti Salpute	E&TC	TE	9404612956	virajsalpute1005@gmail.com
31	Smta. Shalijali Takarkar	E&TC	TE	8847740515	smitatakar41@gmail.com
32	Sachin Kokare	E&TC	TE	9359104345	kokaresachin100@gmail.com
33	Sudeep Shetty	E&TC	TE	9028625378	sudeepshetty695@gmail.com
34	Rushikesh Vijay Angre	E&TC	TE	8868947353	Rushi_2899@gmail.com
35	Nilofar Ayub Tamboli	E&TC	BE	8378073909	nilofartamboli834@gmail.com
36	Neha Chorge	E&TC	TE	9022142588	chorgeneha162@gmail.com
37	Shrutik Kherade	E&TC	TE	7620786491	shrutikkherade44@gmail.com
38	Rohit Pawar	E&TC	TE	7620024952	rohitpawar2786@gmail.com
39	Chaitrali Bhatagale	E&TC	TE	08624910636	Chaitralibhatagale0636@gmail.com
40	PRUTHVIRAJ CHORGE	E&TC	TE	8698450793	pruthvichorge1160@gmail.com
41	Kerba Mane	E&TC	BE	07499104039	kerbanmane@gmail.com
42	Rushikesh balasaheb Jagtap	E&TC	TE	8458334753	Rushikeshjagtap0518@gmail.com
43	Samyuktha Nambiar	E&TC	BE	8261878535	samyukthanambiar09@gmail.com
44	Nandini Umesh Pankar	E&TC	BE	9146364856	nandinipankar550@gmail.com
45	Rashmi Bhangale	E&TC	TE	7447255161	rashmbhangalevrn@gmail.com
46	Tejasvi Khote	Comp	TE	+918459670018	tejasvikhote317@gmail.com





### Rubicon Training Soft Skills

Sr no	name	branch	mobile no.	mail id
1	Pruthviraj dinda	civil	7030037080	pruthvidinda2001@gmail.com
2	akash mane	civil	9623276870	maneakash779@gmail.com
3	Prathmesh Patankar	civil	9082146093	Prathmeshpatankar08@gmail.com
4	Sanraj C. Patil	CIVIL	7498300977	sanirajpatil63@gmail.com
5	Harshali Rajendra Kamble	Civil	8007637409	harshalrajendra352@gmail.com
6	atharva joker	civil	9405665196	atharvajoker600@gmail.com
7	Tejas bansod	civil	7057421112	tejasbansod293@gmail.com
8	vikas jadhav	civil	8412852631	vikasjadhavj2111@gmail.com
9	Jayesh Patole	Civil	7972382001	jayeshpatole2001@gmail.com
10	vidhya mohan patil	civil	7387899843	vidhyapatil741@gmail.com
11	Shaikh Arba	civil	7058627837	arba372003@gmail.com
12	vaibhav jagdale	civil	9578711388	vaibhavjagdale17@gmail.com
13	Omkar Salunkhe	Civil	9325563213	omkarsalunkhe2527@gmail.com
14	Abina Muskan	Civil	7397957798	abinakhan856@gmail.com
15	Sourabh Andhalkar	Civil	8149458219	sandhalkar555@gmail.com
16	utkarsha ravindra mathe	civil	8262992814	utkarshamathe2003@gmail.com
17	Vaishnavi M Yadav	Civil	9359845174	vaishnaviyadav035@gmail.com
18	Omkar N Yadav	Civil	7058324252	omkamivrutyadav@gmail.com
19	Harshwardhan waikar	Civil	7276189271	waikar449@gmail.com
20	sandeep vishwakarma	civil	9892497799	vsandeep645@gmail.com
21	Prajwal S Vavale	Civil	7414987269	prajwalvavale2001@gmail.com
22	Varun O Varma	Civil	7743926999	varma_janun707@gmail.com
23	Shubham S Suryavanshi	Civil	9503633509	suryavanshi460@gmail.com
24	Chetan A Suryavanshi	civil	9657349306	chetan5544@gmail.com
25	Anuj Rajendra thakur	civil	8788463408	anuj7512@gmail.com
26	Tejas Dhareesh Thoraw	Civil	9607369898	thoraveTejas@gmail.com
27	kaustubh ukirde	civil	8898715315	kaustubhukirde088@gmail.com
28	Ruturaj shivaji patil	civil	9130055153	ruturajspatil10@gmail.com
29	patil pratik pradip	civil	9172458540	pratikpatil1851@gmail.com
30	patil kunal dnyaneshwar	civil	7558487760	kunalvdpatil123@gmail.com
31	sabale ajay manik	civil		abhijeetsable76@gmail.com
32	sayli mechakr	civil	9359397481	sayalimechakr@gmail.com
33	Raj mishra	civil	9136116851	shadowsama21@gmail.com
34	mihali khandkar	civil	9922887823	mihalikhandkar5922@gmail.com
35	suraj mohite	civil	7378746353	mohitesuraj311@gmail.com
36	Pratik more	civil	9970444276	pratikmore1599@gmail.com
37	vijay munde	civil	9130561041	vpmunde888@gmail.com
38	Akashy muthe	civil	9356010848	mufheakashy05@gmail.com
39	om muthe	civil	7620703686	ommuthe92@gmail.com
40	vaishnavi naik	civil	7350023849	vaishnavi380@gmail.com
41	Ajinkya nelswade	civil	8390892939	Ajinkyanelswade2939@gmail.com
42	Namrata sathe	civil	8603938961	Namratasathe1601@gmail.com
43	Indrajeet Nile	civil	8689087825	nileindrajeet@gmail.com
44	Rahul paigude	civil	8308829401	rahulpaiigude21@gmail.com
45	Bharati pasarkale	civil	9873423511	pasarkalebharati@gmail.com
46	Abhishek patil	civil	9021984229	abhipatil@gmail.com
47	Patil abhishek vijay	civil	9022078661	abhipatil77099@gmail.com
48	Prajwal ramteke	civil	899207592	prajwalramteke288@gmail.com
49	prachit patil	civil	9408257259	prachitpatil0@gmail.com
50	svjratil rathod	civil	9373830508	svjratilrathod255@gmail.com
51	Ram RohidasRathod	civil	7120043669	ramrathod1120@gmail.com
52	harish ramesh rathod	civil	9075747986	harishrr14203@gmail.com
53	Rushkesh Baji Raskar	civil	8169170265	rushkeshraskar16@gmail.com
54	sahil sanjosh rahate	civil	7888229090	sahirahate90@gmail.com



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TSSM's  
PADMABHOOSHAN VASANTDADA PATIL INSTITUTE OF TECHNOLOGY, PUNE  
COMPUTER ENGINEERING DEPARTMENT  
Rubicon Free Softskill Training

Class : BE

Batch : 2022-23

Sr. No.	Roll No	Name of student	Mobile No.	Interested Yes/No
1	1	Barahate Parth Abhay		
2	2	Bharambe Bhupesh Kiran		
3	3	Bhusari Divyaratna Vilas		Yes
4	4	Bodhale Devyani Shailesh		<del>Yes</del> No
5	5	Chaudhari Samruddhi Ram	7219669109	Yes
6	6	Dagade Vaishnavi Tanaji		Yes
7	7	Deshmukh Kshitij Narayan		Yes
8	8	Dhake Priti Sunil		Yes
9	9	Dhamdhare Ketan Nitin	9286453830	Yes
10	10	Dwarke Rushikesh Suresh	9022433385	Yes
11	11	Gaikwad Rupali Pandurang	9272826662	Yes
12	12	Gaikwad Shubham		Yes
13	13	Gandhi Sanket Rajendra		Yes
14	14	Jagtap Akansha Ashok	0680657283	Yes
15	15	Jagtap Pooja Sanjay	8209451074	Yes
16	16	Kamble Ankita Yadav		Yes
17	17	Keskar Gaurang Girish		
18	18	Katgeri Amey Chandrakant		Yes
19	19	Kawade Gaurav Rajendra		No
20	20	Khandebharad Akshay Kaduba		
21	21	Kirve Atharva Girish	7320260365	Yes
22	22	Kokare Vivek Ganpat	7399625282	Yes
23	23	Lande Rutuja Raghunath	9146405671	Yes
24	24	Maharanawar Saurabh Sunil	9807984886	Yes
25	25	Mane Kunal Kisan		Yes
26	26	Matkar Aniket Sudhir	9311010741	Yes
27	27	Mishra Akshay kumar S.	9156502822	Yes
28	28	Mokashi Sanskruti Sharad		
29	29	Moranis Vivek Ravindra		Yes
30	30	Mulani Nadeem Babulal	7269761331	Yes
31	31	Nene Aditya Rajesh		
32	32	Nimbalkar Poorva Shashikant	9822775712	No
33	33	Patil Devdatta Girish		
34	34	Patil Shrikant Gokul		
35	35	Patil Viraj Ashok		Yes
36	36	Pawar Vaishnavi Ramesh Rao	9158710200	<del>Yes</del> No
37	37	Phadtare Pranav Sukhadev	9107852063	Yes
38	38	Rathod Pradeep Ram	8805177508	Yes
39	39	Sahu Avani Hemantkumar	9307152207	Yes
40	40	Sakat Rutuja Vishnu		No
41	41	Salunkhe Anil Kisan		
42	42	Satpute Pradnya Dnyaneshwar	9890327066	Yes
43	43	Shaikh Ayesha Iqbal	8411832558	Yes
44	44	Shetty Pranita Sudarshan		
45	45	Shinde Ketan Kishor		No
46	46	Shinde Priti Shivaji	9080385990	No Yes





47	47	Shristy Mishra		
48	48	Singh Warepam Richard		
49	49	Suryawanshi Sravani Vijay		
50	50	Tawale Mukta Santosh		
51	51	Thakar Aditya Dnyaneshwar		
52	52	Thakare Yash Madhukar		
53	53	Thuse Riddhi		
54	54	Ubale Nitesh <del>Mishra</del>	8237961918	Yes.
55	55	Wagh Akansha Vijay		
56	56	Agale Shrikant Vijay		
57	57	Gopalghare Ajay Abasaheb	762-854052	Yes
58	58	Kamble Prithviraj Kachru		
59	59	Todkar Aditya Ganesh		
60	60	Lalit Sanjay Amrutkar		No Yes
61	61	Ruvighna Vishal Bhalerao		
62	62	aditya bhosale		No Yes
63	63	Amey Shrikant Burgul		No Yes
64	64	Pooja Bharat Chougule	9322459500	No.
65	65	Deshmukh Vaishnavi Vitthalrao	No 9110282208	No Yes
66	66	Nayan Digambar Kadam		No Yes
67	67	Kapadnis Pratik Rajendra		No Yes
68	68	Kulkarni Vaishnavi Rajendra	9623832865	No No Yes
69	69	Kumbhar Rajshri Basaveshwar	No (923645710)	No.
70	70	Nikita Nilesh Mane		
71	71	Kaveri sandeep Marawar	9284345961	Yes
72	72	TEENA SONWANE		
73	73	Divya Virshetty Badure	9579852765	No.
74	74	Ashish Zende	9011212190	No Yes
75	75	Nikhil Prashant Jagtap		Yes

HOD Computer  
Engineering



41



# Interested students list.

Total = 38 students

B.E - Mechanical - Rubicon Soft skill Training - 2023 Batch.

Sr. No.	Name of Students	Class & Roll No	Sign
1	rahesh B. Surudase	BE - C - 40	Mahesh
2	AKshay A. Patil	BE - C - 29	Akshay
3	Aniket R. Mane	BE C - 24	Aniket
4	Shaunak. mujumdar	BE C - 34	Shaunak
5	Pramesh. S. Adhikari	BE C - 02	Pramesh
6	Neel Sheth	BE B - 40	Neel
7	ASHUTOSH TRIGUNE	BE B - 41	Ashutosh
8	Sahil A. Ubhe	BE - B - 42	Sahil
9	Vihar H. Bendale	BE - B - 43	Vihar
10	Garvabhi S. Pawar	BE - B - 33	Garvabhi
11	Tejas Shelar.	BE - B - 39	Tejas
12	Vishwadeep V. Sotve	BE - B - 38	Vishwadeep
13	Bawle Sheenivash	BE - C - 5	Bawle
14	vikas Chauhanani	BE - C - 6	Vikas
15	Anand Dahoke	BE - C - 08	Anand
16	Shreyash Kopse	BE - C - 20	Shreyash
17	Ishan Bakale	BE - C - 4	Ishan
18	Vaibhav R. Hasare	BE - C - 17	Vaibhav
19	Kiran R. Kale	BE - C - 18	Kiran
20	Aditya A. Jadhav.	BE - C - 16	Aditya
21	Ekshinge sudeshan	BE - C - 11	Ekshinge
22	Vishal Ingale	BE - C - 15	Vishal
23	Sourabh Moholkar	BE - A - 24	Sourabh
24	Arbaj Mulla	BE A - 26	Arbaj
25	Rohan Gore	BE A - 11	R. A. Gore
26	Swapnil Ghatge	BE A - 10	Swapnil
27	Pruthmesh Kapshe	BE A - 17	Pruthmesh
28	Krishna Gubnar	BE A - 12	Krishna
29	Raj Deshmukh	BE A - 7	Raj
30	Kolekar Omkar	BE - A - 20	Omkar
31	Rohan Bhegade.	BE A - 33	Rohan
32	Sahil Shankaridas	BE A - 36	Sahil
33	Ameya Tadavalkar	BE A - 42	Ameya
34	Habshal Take	BE A - 43	Habshal
35	Yogesh Moholkar	BE B - 5	Yogesh



Rubicon Training Outline

New Hire Training/ Personality Development/ Employability Skills			
Sr. No.	Topic	Learning Objectives	Duration
1	Expectation setting	To learn Industry expectations from fresher's	1
2	Ice breaking	To know more about the trainer & candidates	1
3	Organizational Structure	To learn Organizational structure	2
4	SWOT Analysis	To identify their Strength/Weakness/Opportunities/ Threat	2
5	Corporate Jargons	To learn most commonly used words in corporates	1
6	Public Speaking	To eliminate stage fear	2
7	Presentation Skills	To articulate your thoughts through Power point presentation	2
8	E-mail Etiquette	To learn E-mail writing skills	2
9	Grooming	Dress to impress/ Proximity/ Personal hygiene/	2
10	Body language	To learn positive body language	1
11	Telephone Etiquette	To handle telephonic round of interview/ To learn call mechanics	2
12	Group Discussion	To assess candidates' public speaking skills	2
13	Personal Interview	To perform well during interviews	4
Total			24 hrs.







TSSM's  
PADMABHOOSHAN VASANTDADA PATIL INSTITUTE OF  
TECHNOLOGY  
Bavdhan, Pune-21.  
(SEMESTER-I) AY 2022-23

Date: 02/12// 2022

Ref:

To  
The President,  
TSSM group of institutes,  
Katraj, Pune.

Subject: Regarding reimbursement of expenditure for 2 day Corporate training regarding Quick heal campus placement drive.

Respected Sir,

The Department of E&TC and Computer Engineering had organized 2 day Corporate training regarding Quick heal campus placement drive, for BE E&TC and computer engineering students on 30th Nov and 1<sup>st</sup> Dec 2022 . It was conducted by Mr. Yogesh P. Murumkar , Director of Bharat Software Solutions.

The workshop had covered networking concepts, Virtualization, Cloud, DevOps content and workshop was completely Hands-On related to Linux Programming .Student Feedback related to workshop was strongly positive.

The detailed expenditure for the same is as follow.

**Reimbursement of Expert Remuneration**

Sr No	Subject	Name of Expert	No of Days	Remuneration
1	" Hands-on Corporate training regarding Quick heal campus placement drive ."	Mr. Yogesh Murumkar	2 day	Rs. 1200/- Per hour 12*1200= Rs. 14,400

**REFRESHMENT BUDGET: (College Canteen)**

Sr. No.	Name of item	Rate	No of Days	No of times	No of staff	TOTAL
1.	Tea	RS. 10 /-	2	2	2	Rs. 80/-
2.	Breakfast	Rs. 50/-	2	1	2	Rs. 200/-
3.	Bisleri Bottle	Rs. 20/-	2	2	2	Rs. 80/-
4.	Lunch	Rs. 120/-	2	1	2	Rs. 480/-
<b>Total</b>						<b>940</b>

TOTAL: 14400+940=Rs- 15340/-







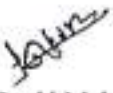
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TECHNOLOGY  
Bavdhan, Pune-21.  
(SEMESTER-I) AY 2022-23



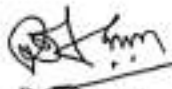
We request you to reimburse the payment of Rs. Fifteen thousand three hundred and forty.

Thanking You,

  
Prof Akash Srivastava  
(TPO)

  
Dr. V.M. Joshi  
(HOD, E&TC)

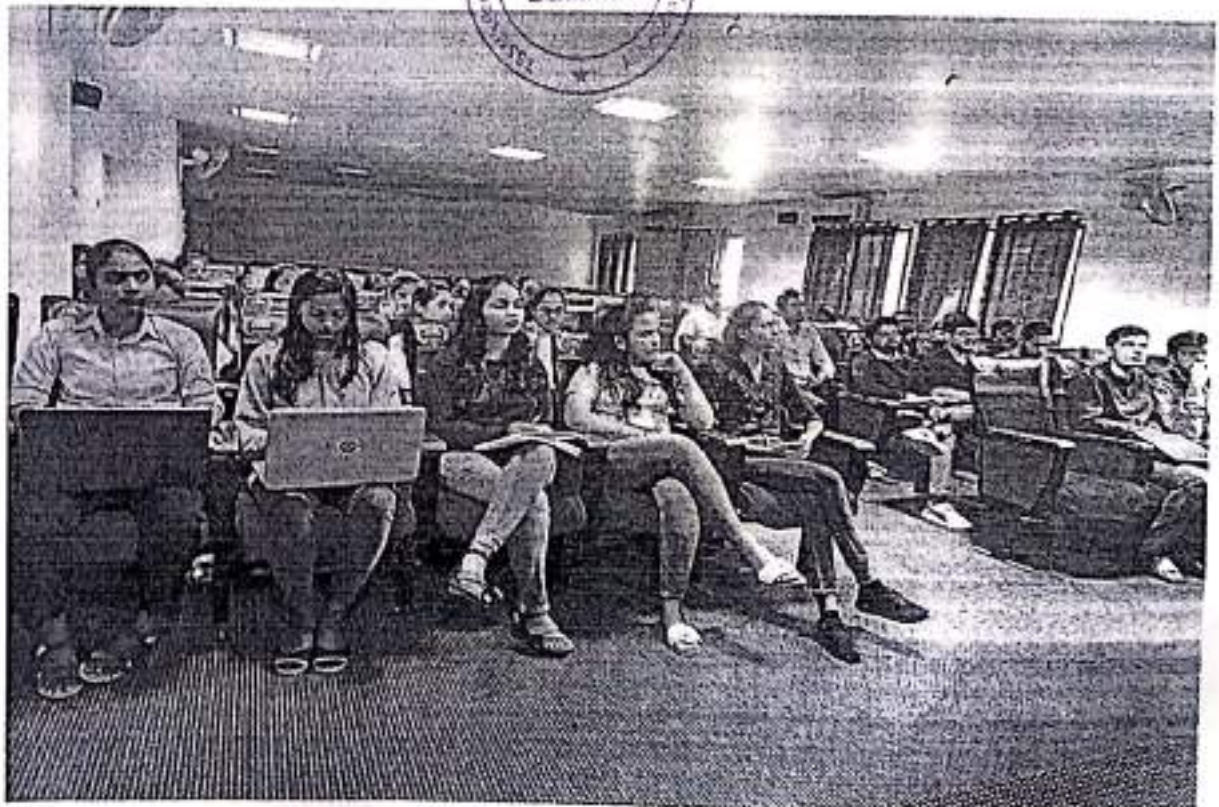
  
Prof Ganesh Wayal  
(HOD, Comp)

  
R.S. Pawar  
(Principal)

  
Dr. V. A. Bugade  
(Director)

Prof. Dr. T. J. Sawant  
President

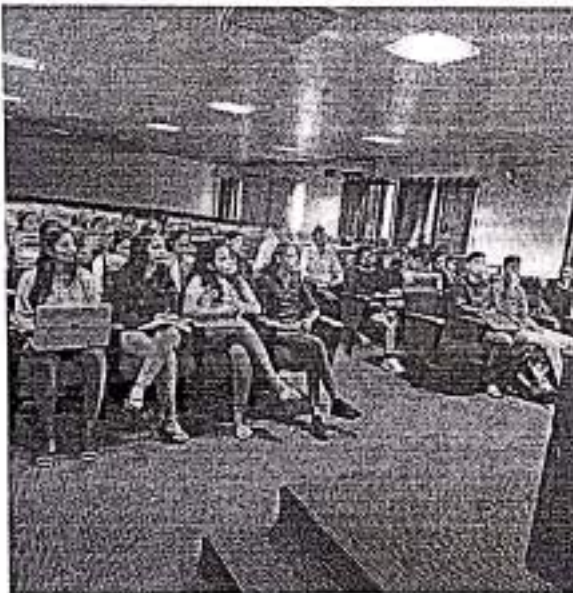
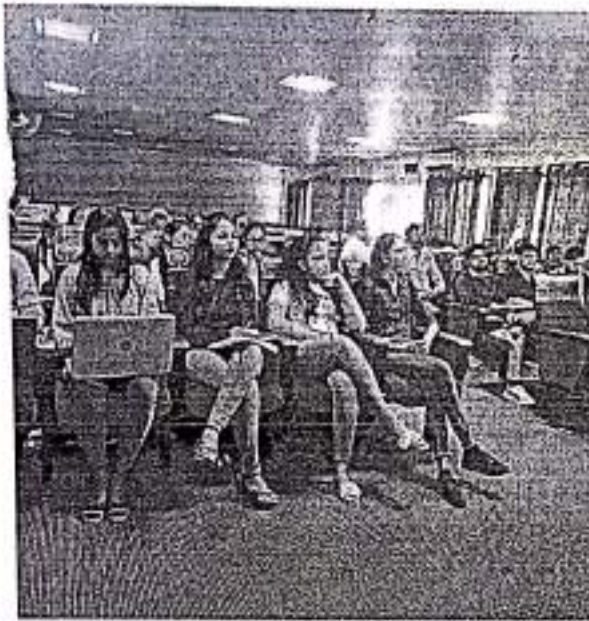








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(SEMESTER-I) AY 2022-23







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TECHNOLOGY  
Bavdhan, Pune-21.  
(SEMESTER-I) AY 2022-23



<p>acc = खाते/खाता /Account adj = समतोल/समतोल/Adj/Statement amt = रकम/रकम/Amount Ar = अकाउंट/अकाउंट/Account Bal = बाल/बाल/Balance Cagrn = कृपाकर/कृपाकर/Grateful Chg/ch = बदल/बदल/Change chg = चेक/चेक/Cheque clos = बंद/बंद/Closure coll = संग्रही/संग्रही/Collection comm = आस/आस/Commission CON/CORR = सुधार/सुधार/Correction CR = कर्ज/कर्ज/Credit csh = कैश/कैश/Cash dep = धन/धन/Deposit dth = दाय/दाय/Due dish/dsh = वसु/वसु/Disburse DR = ऋण/ऋण/Debit DoB = वसंतदिन/वसंतदिन/Date of Birth</p>	<p>अर्थ = अर्थ/अर्थ/Meaning Elect = इलेक्ट्रिक/इलेक्ट्रिक/Electrical Insp = इन्स्पेक्शन/इन्स्पेक्शन/Inspection Ints = इन्टरेस्ट/इन्टरेस्ट/Interest Invit = इन्व्हाइट/इन्व्हाइट/Invite Lodis = लॉडिज/लॉडिज/Lodging Mtr = मीटर/मीटर/Meter OS = ओएस/ओएस/Operating System P&amp;T = पोस्ट &amp; टेलीग्राफ/पोस्ट &amp; टेलीग्राफ/Post &amp; Telegraph Pos = पोस्ट/पोस्ट/Post Pr = प्रिन्सिपल/प्रिन्सिपल/Principal Proc = प्रोसेसिंग/प्रोसेसिंग/Processing rd = रॉड/रॉड/Road reple = रिप्लेस/रिप्लेस/Replace Rtd = रेटर्न/रिटर्न/Return sb = सब/सब/Sub sc = स्कूल/स्कूल/School S/S = स्टूडेंट/स्टूडेंट/Student S/S = स्टूडेंट/स्टूडेंट/Student</p>	<p>S/D/W/H/O = स/द/व/ह/ओ/स/द/व/ह/ओ/S/D/W/H/O S/N = स/न/स/न/S/N T/T = ट्रांसफर/ट्रांसफर/Transfer TT = ट्रे ट्रे ट्रे ट्रे ट्रे ट्रे Tran = ट्रांजिशन/ट्रांजिशन/Transition Txn = ट्रांजिक्शन/ट्रांजिक्शन/Transaction Wd = वॉल्यूम/वॉल्यूम/Volume Wd = वॉल्यूम/वॉल्यूम/Volume MOD = मॉडल/मॉडल/Model S/S = स्टूडेंट/स्टूडेंट/Student</p>
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भारतीय स्टेट बँक • भारतीय स्टेट बँक • State Bank of India

Savings Bank Account  
CIF No : 00006604671  
Account No : 20274641806  
Customer Name: Mr. YOGESH PRABHAKAR MURUMKAR

RAMDASPETH (AKOLA)  
P. B. NO. 135, NEAR GIRLA GATE.

S/D/W/H/O: PRABHAKAR UTTAMRAO MURUMKAR  
Address: SAHT LAHAHUJI MARG TAPDIA NAGAR

Phone: 2442519  
Email: sbi.06.18@sbi.co.in  
Branch Code: 618C  
Date of Issue: 21/08/2015  
21/08/2015 6627607 618C  
IFSC: SBIN0061800

CHAITYA HOSPITAL, AKOLA  
Phone:  
Email:  
D.O.B. (if Minor):  
MOP.: FIRST  
Toll Free Helpline - 1800 112211 / 1800425 3800



शाखा प्रबंधक  
शाखा प्रबंधक  
Branch Manager





विद्यया ऽमृतं ज्ञानं विनाशं ऽपि मरणम्

TSSM's  
PADMABHOOSHAN VASANTDADA PATIL INSTITUTE  
OF TECHNOLOGY  
Bavdhan, Pune-21.  
Department of Computer Engineering  
Department of ENTC



Date-30/11/22





TSSM's  
PADMABHOOSHAN VASANTDADA PATIL INSTITUTE OF  
TECHNOLOGY

Baydhan, Pune-21.

Department of Computer Engineering

Department of ENTIC

Corporate Training For BE Students  
(Cloud, DevOPS, Cyber Security, etc)

Date :30/11/22



Sr. NO	NAME OF STUDENT	Branch	Sign
1)	Metan Kishor Shinde	Computer	<i>[Signature]</i>
2)	Vishaj Patil	Computer	<i>[Signature]</i>
3)	Atharva Patil	E&TC	<i>[Signature]</i>
4)	Swapani Ghule	E&TC	<i>[Signature]</i>
5)	Garvika Khandale	E&TC	<i>[Signature]</i>
6)	Kesha mane	E&TC	<i>[Signature]</i>
7)	Yash Thakker	Computer	<i>[Signature]</i>
8)	Arbaal mulla	Mech	<i>[Signature]</i>
9)	Pradnya vavale	E&TC	<i>[Signature]</i>
10)	Nitarabai chougule	E&TC	<i>[Signature]</i>
11)	Vishaj D. Gadekar	E&TC	<i>[Signature]</i>
12)	Pranav Chavan	E&TC	<i>[Signature]</i>
13)	Saurabh Umare	E&TC	<i>[Signature]</i>
14)	Kalyani Madas	E&TC	<i>[Signature]</i>
15)	Shivani Parge	E&TC	<i>[Signature]</i>
16)	Minal shewale	E&TC	<i>[Signature]</i>
17)	sakshi Dhas	E&TC	<i>[Signature]</i>
18)	Nandini Pankar	E&TC	<i>[Signature]</i>
19)	Sanskriti Mokashi	Comp.	<i>[Signature]</i>
20)	Rutuja sakat	Comp.	<i>[Signature]</i>
21)	shrawani suryawanshi	Comp.	<i>[Signature]</i>
22)	Pooja Jagtap	Comp.	<i>[Signature]</i>
23)	Varshnavi Dagade	Comp.	<i>[Signature]</i>
24)	Teena Sonwane	Comp.	<i>[Signature]</i>
25)	PRITHVIRAJ R. GAMBHIRE	E&TC	<i>[Signature]</i>
26)	Shaikh Ayesha Jabal	Comp	<i>[Signature]</i>
27)	priti shivaji shinde	comp.	<i>[Signature]</i>
28)	Hsiltika Haridas Gajbhaye	E&TC	<i>[Signature]</i>
29)	Vishakha Ganesh Jambhale	E&TC	<i>[Signature]</i>
30)	Akanksha Ashok Jagtap.	Computer	<i>[Signature]</i>
31)	Varshnavi pawar	comp	<i>[Signature]</i>
32)	Pradnya D. Satpute	Computer	<i>[Signature]</i>
33)	Akanksha Wale	Computer	<i>[Signature]</i>
34)	Rurighna. V. Bhatarae	Computer	<i>[Signature]</i>





# TSSM's

Padmabhooshan Vasantdada Patil Institute of Technology,

Bavdhan, Pune-21

Department of Comp. Engg.

Department of E&TC



Corporate Training for BE Student  
(Clouds, DevOPS, Cyber Security etc.)



Date -1 Dec 2022

Sr.No.	Name Of Student	Branch	Sign of student
1)	Sakshi Dhay	ENTC	Sakshi
2)	Minal Sawale	ENTC	Minal
3)	Shivani Parge	ENTC	Shivani
4)	Kalyani Madas	ENTC	Kalyani
5)	Nandini Pankar	ENTC	Nandini
6)	Teena Sonwane	Comp	Teena
7)	Akshay Khandekar	Comp	Akshay
8)	Ketan Shinde	Comp	Ketan
9)	Shaikh Ayesha	Comp	Shaikh
10)	Akanksha Wagh	Comp	Akanksha
11)	Pradnya D. Sapat	Computer	Pradnya
12)	Ruighna Bhalerao	Computer	Ruighna
13)	Yagita Jadhav	ENTC	Yagita
14)	Prajakta Khandekar	E&TC	Prajakta
15)	Saamir Ghule	E&TC	Saamir
16)	Vishakha Jambhal	E&TC	Vishakha
17)	Kerba Mane	ENTC	Kerba
18)	Udibhav Mane	ENTC	Udibhav
19)	Atharva Patil	E&TC	Atharva
20)	Nibhari Chougule	E&TC	Nibhari
21)	Pradnya Sawale	E&TC	Pradnya
22)	Atharva Kirve	Computer	Atharva
23)	Nikhil Ambhale	E&TC	Nikhil
24)	Samir Gogate	E&TC	Samir
25)	Ganesh Kambale	E&TC	Ganesh
26)	Ashwini Baredhara	E&TC	Ashwini
27)	Saib Shaikh	E&TC	Saib
28)	Ruwas Arunka S	E&TC	Ruwas
29)	Sunadh Kadam	E&TC	Sunadh
30)	Palash Patil	E&TC	Palash
31)	Omkar Chavan	Comp	Omkar
32)	Akanksha Jagtap	Comp	Akanksha
33)	Katika Gajbhaye	E&TC	Katika
34)	Niraf Tambali	E&TC	Niraf
35)	Kumbhar Rajshri	Comp	Kumbhar
36)	Pooja Chougule	Comp	Chougule





TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.

**Training & Placement Department Activity Report**

Rubicon Life Skill's Program 2022-23

Sr. No.	Department	Activity Name	Date
1	Training & Placement Department	Soft Skills Training	11th Oct – 17 <sup>th</sup> Oct 2022







TSSM's Padmabhooshan Vasantdada Patil Institute of Technology,  
Bavdhan, Pune.

**Training & Placement Department Activity Report**

Name of Resource Person-Ms.Beena Kadam

Date-11th Oct – 17<sup>th</sup> Oct 2021

Duration of Course – 24 Hrs

Class- B.E.

Venue- VC Room, PVPIT Pune

Mode of activity- Physical

**Aim-** Every youth has the power to transform lives for themselves and others around them. Rubicon's "Life Skills" Program, supported by Barclays aims at improving the employability skills of the youth. This initiative is supported by Barclays.

**Objective-**

New Hire Training/ Personality Development/ Employability Skills		
Sr. No.	Topic	Learning Objectives
1	Expectation setting	To learn Industry expectations from fresher's
2	Ice breaking	To know more about the trainer & candidates
3	Organizational Structure	To learn Organizational structure
4	SWOT Analysis	To identify their Strength/Weakness/Opportunities/ Threat
5	Corporate Jargons	To learn most commonly used words in corporate
6	Public Speaking	To eliminate stage fear
7	Presentation Skills	To articulate your thoughts through Power point presentation
8	E-mail Etiquette	To learn E-mail writing skills
9	Grooming	Dress to impress/ Proximity/ Personal hygiene/



10	Body language	To learn positive body language
11	Telephone Etiquette	To handle telephonic round of interview/ To learn call mechanics
12	Group Discussion	To access candidates' public speaking skills
13	Personal Interview	To perform well during interviews

**List of Students-**

Sr. No.	Name of Student	Sr. No.	Name of Student
1	Viraj Gadekar	21	Siddhi shirode
2	Swapnil Ghule	22	Manisha Drave
3	Ganesh Babu Kamble	23	Rutwik Darwatkar
4	Rohit doiphode	24	Rashmi Bhangale
5	Pushkaraj Said	25	Komal Dhobale
6	Saurabh Rajendra Mali	26	Gayatri Chaudhari
7	Yogita Babu Jadhav	27	Mayuri Jagtap
8	Hritika Gajbiye	28	Onkar Sunil Bhusare
9	Bhakti kadaji Patil	29	Gauri Girish Rane
10	Amruta Balkrishna Pawar.	30	Harshal Rajendra Vadak
11	Saif shaikh	31	Harsh Sudhir Burrewar
12	Nilofar Ayub Tamboli	32	Vaibhav Gavali
13	Kerba Mane	33	Ayush kallambkar
14	Samyuktha Nambiar	34	Viraj Vasant Satpute
15	Nandini Umesh Pankar	35	Smita Shailrajit Takalkar
16	Siddhesh Mahagaonkar	36	Sachin Kokare
17	Payal Nanasaheb Gaikwad	37	Sudeep Shetty
18	Shubhangi Sirsate	38	Rushikesh Vijay Angre
19	Ankita anil Tare	39	Neha Chorge
20	Ritesh Raju Sanap	40	Shrutik Kherade

Sr. No.	Name of Student	Sr. No.	Name of Student
41	Rohit Pawar	61	Albina Muskan
42	Chaitrali Bhatagale	62	Sourabh Andhalkar
43	PRUTHVIRAJ CHORGE	63	utkarsha ravindra mathe
44	Rushikesh balasaheb Jagtap	64	Vaishnavi M Yadav
45	Rashmi Bhangale	65	Omkar N Yadav



46	Tejash Khote	66	Harshwardhan Wankar
47	Pranav Rajesh Raut	67	Sandeep Vishwakarma
48	Pruthviraj Sunde	68	Pragati S. Vaidya
49	akash mane	69	Varun D. Vaidya
50	Prathmesh Patankar	70	Shubham S. Suryawanshi
51	Sarvag C. Patil	71	Chetan A. Suryawanshi
52	Harshad Rajendra Kamble	72	Anuj Rajendra Thakur
53	atharva jekar	73	Tejas Dharmesh Thorane
54	Tejas Sankar	74	Kaustubh Ukhde
55	vikas jadhav	75	Ruturaj shivaji patil
56	Jayesh Patole	76	patil pratik prady
57	vishva mohan patil	77	patil kunal dhyaneshwar
58	Shakthi Arora	78	sahale ajay manik
59	vishal jagtap	79	sayli mishra
60	Omkar Sakurthe	80	Raj mishra

Sr. No.	Name of Student	Sr. No.	Name of Student
81	nihal khandekar	101	sahil santosh rahate
82	suraj mufale	102	Varun Deepak varma
83	Pratik more	103	patik prady patil
84	vijay murde	104	vishvasi chandrakant chorge
85	Akashy murhe	105	Ajit Rajendra Vaghrnade
86	am murhe		
87	vishvasi naik		
88	Ajintya halawade		
89	Namrata sathle		
90	Indrajit Nile		
91	Rahul jagtap		
92	Bharati jagtapale		
93	Ashishet patil		
94	Patil abhishek vijay		
95	Pragati ramteke		
96	prachit patil		
97	sujit anil rahed		
98	Ram RuchidasRahed		
99	harish ramesh rahed		
100	Rushkesh Balu Rastkar		





Photographs-



**Outcomes:** - Under this program, students trained by Corporate Trainer to enhance their Life skills which would help them significantly to increase their chance of succeeding in a job interview.

Prof. Akash Shrivastava  
TPO

TPO  
Signature

Parmabhushan Vasantdada  
Patil Institute of Technology,  
Bavdhan, Pune

Prof. Dr. R.S. Pawar  
Principal (PVPIT)

Signature



**A**  
**INTERNSHIP ACTIVITY REPORT**  
**Of**  
**T.E. Mechanical Engineering**



**DEPARTMENT OF MECHANICAL ENGINEERING**

**Academic Year 2022-23**



**Padmabhooshan Vasantdada Patil Institute of  
Technology**

**Bavdhan, Pune-21 (Maharashtra)**

# ACKNOWLEDGEMENT

First I would like to thank HR, CEO, and Director of Industries for giving us the opportunity to do an internship within their organization. It is indeed with a great sense of pleasure and immense sense of gratitude that we acknowledge the help of these individuals.

I am highly indebted to Director **Dr. V.M. Bugade** and Principal **Dr. R.S. Pawar, PVPIT**, Bavdhan for their support and advices to get internship in above said organization.

I am extremely great full to my department HOD **DR. N. B. Kardekar** and staff members who helped me in successful completion of this internship activity.

**Prof. A. B. Khansole**  
**TPC-Mechanical**



## CONTENT

<b>Sr. No.</b>	<b>Topic Name</b>
1	Introduction
2	Learning Objectives/Internship Objectives
3	Internship offered by Industry as follows
4	Internship offered by Industry Logo's
5	Glimpses of Internship
6	Thanking letter to Industry

## **1. Introduction**

Experience is the mother of all learning and an internship program suggests of experience learning, which indeed is the best kind of learning. An internship is a period of work which is offered by an institute or office, for the purpose of industrial learning, to students. On the other hand, students too can put the institute or industry on benefit while taking exposure to working environment, relating to their specific field of study.

Internship can be done for a short period of time i.e. one or six months or for a longer period of time like a year or more. Internships can be stipend or voluntary. An internship tends to develop one's soft skills like personal effectiveness, presentation skills, communication skills, influencing skills and creative problem solving. Internship is a great opportunity to talk directly to people and experience the role, one aspires to be and understand what it's all about and how the progress in that particular field can be achieved. It also shows the true realities of the job. Internship provide itself as a 'try before you buy' option and embark why you want to pursue a particular profession.

One needs to have an interactive approach in an internship. In its simplest form, it's the 'movement Learning based on first-hand experience'. As per SPPU T.E. Mechanical engineering syllabus internship is compulsory for four to six weeks. We have been provided internship to all students during **15 Jan to 20 Feb 2023**.

## **2. Learning Objectives/Internship Objectives**

- Internships are generally thought of to be reserved for college students looking to gain experience in a particular field. However, a wide array of people can benefit from Training Internships in order to receive real world experience and develop their skills.
  
- An objective for this position should emphasize the skills you already possess in the area and your interest in learning more
  
- Internships are utilized in a number of different career fields, including architecture, engineering, healthcare, economics, advertising and many more.
  
- Some internship is used to allow individuals to perform scientific research while others are specifically designed to allow people to gain first-hand experience working.
  
- Utilizing internships is a great way to build your resume and develop skills that can be emphasized in your resume for future jobs. When you are applying for a Training Internship, make sure to highlight any special skills or talents that can make you stand apart from the rest of the applicants so that you have an improved chance of landing the position.



### 3. Internship offered by Industry as follows:

Sr no.	Student Name	Name of Industry
1	BAGMAR YASH LALIT	Autocluster, Pimpari Chichwad
2	CHAUDHARI DHAVAL GIRISH	
3	GAIKWAD VIRENDRA VIJAYKANT	DUMAS Electricals Pvt. Ltd, Dhayari
4	PASALKAR KUNAL KIRAN	
5	PAIGUDE ROHAN RAJENDRA	
6	MAHAGAONKAR ATHARV S.	
7	SHINDE PARIMAL DATTATRAY	
8	MORE NAYAN ANIL	
9	KORE TEJAS GURUNATH	Friends Enterprises, Talawade
10	UBALE SHREYASH DATTATRAYA	
11	VERMA SOURABH JAGANNATH	Horizon PackTeck Pvt. Ltd ,Ambegaon
12	VANJARE ASHISH CHANDRAKANT	
13	PAWAR VIKAS ARUN	
14	YADAV AMRUTA CHANDRASEN	
15	CHAVAN SACHIN BABU	Indian Engineering Works, Pirangut
16	RATHOD NITESH RAJARAM	
17	SHINDE GAURAV MANOJKUMAR	
18	SHENDKAR TEJASWINI AJIT	
19	GADADARE DHANRAJ VITTHAL	
20	KANGARE VISHWAS POPAT	
21	SAPKAL GAURAV TUKARAM	
22	GOSAVI JAYANT DEEPAK	
23	DUDHALE PRAFFULL BABASAHEB	
24	KAMBLE ABHISHEK LAXMAN	
25	JAMADAR JAYANKHAN FIROJKHAN	Johnson Plastosonic Pvt Ltd
26	DORLE SUSHILKUMAR HARIDAS	
27	KULKARNI AMARTYA ANANT	
28	GAIKWAD SAMARTH SUNIL	Kalyani Maxicon Wheels, Chakan
29	GHARE RITIKA DILIP	

30	GOLE PURVESH PRALHAD	Mahale Thermal System Pvt,Ltd
31	MOHITE ANAY YASHWANT	
32	SHAHANE GAURAV JITENDRA	ORION TECHNOLOGY Pune
33	KUNWAR AJAY SANJAY	Padmaja Papermill, Pune
34	KULKARNI ATHARVA GIRISH	
35	AMBRE VAIBHAV PRAKASH	Radhe Industries, Pirangut
36	KAMBLE HARSHDEEP VIKRAM	Shinde Car Services, Baner
37	PAWAR AVINASH RAVINDRA	
38	SHINDE OM DEVENDRA	
39	MORE SAHIL VIVEK	
40	BAGAL SAURABH BALAJI	Sneh Engineering, Bhosri
41	SHIRKE SAURABH KALIDAS	
42	PAIKRAO KAPIL SANJAYRAO	
43	GAIKWAD PRATIK GANESH	
44	DALAL MARUF MAKSUD	
45	DEVRAS PREETI VINOD	ARAI , Pune
46	OVHAL OMKAR NAMDEO	
47	SHAHANE SHUBHAM PUSHPAK	Tata Motors, Akola
48	SAWALE VAIBHAV RAVINDRA	
49	GIDDE ADITYA AMRUT	Tata Motors, Bhosari
50	SAYYED MOHAMMAD	Tata Motors, Pimpri
51	ATOLE VIKAS BALIRAM	Vanaz Engineers, Kothrud
52	HUPARIKAR NEERAJ SHRIPAD	Zitto Motors, Pune

**4. Internship offered by Industry as follows:**

 <p><b>TATA MOTORS</b></p> <p>Tata Motors, Akola</p>	 <p><b>ARAI</b><sup>®</sup> Progress through Research</p> <p>ARAI , Pune</p>	 <p><b>zitto</b></p> <p>Zitto Motors</p>
 <p><b>Horizon</b> Packaging &amp; Automation Technology</p> <p>Horizon Packteck ,Ambegaon</p>	 <p><b>ORION</b> ALWAYS ON</p> <p>ORION TECHNOLOGY Pune</p>	 <p><b>INNOGLOBAL</b> Passion For Engineering Excellence</p> <p>Innoglobal Automation Pvt Ltd</p>
 <p><b>PUDUMJEE</b></p> <p>Pudmaje Papermill, Pune</p>	 <p><b>Johnson Plastosonic (P) Ltd.</b> An ISO 9001 : 2000 Certified Company</p> <p>Johnson Plastosonic Pvt Ltd</p>	 <p><b>MAXION</b> WHEELS</p> <p>Kalyani Maxicon Wheels, Chakan</p>
 <p><b>MAHLE</b> Driven by performance</p> <p>Mahale Thermal System Pvt,Ltd</p>	 <p><b>VANAZ</b> VANAZ ENGINEERS LIMITED</p> <p>Vanaz Engineers, Kothrud</p>	 <p><b>AUTO CLUSTER</b></p> <p>Autocluster , pimpari Chichwad</p>





**Friends Enterprises,  
Talawade**



**JOHN DEERE  
JOHN DEERE, Pune**

## 5. Glimpses of Internship:

Students were attended internship regularly with appreciated motivation.



**Internship at Sneh  
Engineering**



**Internship Vanaz Engineering**



**Internship at Indian Engineering  
Works Pirangut**



**Internship at Indian Engineering  
Works Pirangut**



Internship at Jonson plastosonic



Internship at Innoglobal  
Automation Pvt Ltd



Internship at Horizon Packtech



Internship at Shinde car Services

## 6. Thanking letter to Industry:

Visit to industries for and also given Thanking letter for providing internship to our students.







Thanking letter to Director, Johnson  
Plastosonic

## **Conclusion**

These internship has been an incredible learning experience for students as a Mechanical engineer. Throughout the internship, they had the opportunity to work with a team of professionals who have guided, challenged, and helped to grow both personally and professionally. During this time here, they were able to apply their classroom knowledge to real-world situations and gained hands-on experience working on various projects. This experience has not only strengthened their technical skills but also improved problem-solving, time management, and communication skills. Also they aware about current updated technology industry4.0.

They have also learned the importance of teamwork, collaboration, and building positive relationships in the workplace. Additionally, they have been able to see the role of mechanical engineering in the industry and the impact it has on society. As per the feedback their attitude regarding job and confidence has been increased.



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DEPARTMENT OF CIVIL ENGINEERING 2022-2023

Date: 16/11/2022

### Software Training Report

Software training on Application of python in civil engineering given by Hrishikesh Agase Sir CADD centre trainee to BE civil engineering students. Software training started on 11/10/2022. Software training classes are taken as per SPPU syllabus for subject Computer Programming in Civil Engineering for BE civil Engineering students.

#### Topic Covered:

Unit I: Introduction to Python

Unit II: Functions and Data Structures in Python

Date: 11/10/2022 to 14/11/2022

Time: 1.30 pm to 3.30pm (Monday – Saturday)

#### Venue:

Theory Lecture: Seminar hall Civil Dept.

Practical Lecture: UG and PG Computer Lab.

#### Following points are discussed:

- 01 Application of python for Open Channel Flow (Analysis of rectangular/triangular/trapezoidal channel)
- 02 Application of python for Hydrology (Determine the infiltration capacity and infiltration indices)
- 03 Application of python for Groundwater Engineering (Determine the discharge of a steady flow in a confined aquifer using Dupuit's equation )
- 04 Application of python for Transportation Engineering (Design the plain cement concrete pavement for two lane highway based on given conditions)







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**DEPARTMENT OF CIVIL ENGINEERING 2022-2023**

- 05 Application of python for Infrastructure Engineering (Estimation of productivity of construction equipment's like earthwork equipment)
- 06 Application of python for Concrete Technology (Estimation of strength of concrete or any mix design problem as per IS :10262-2019)
- 07 Application of python for Structural Engineering (Determine main steel for simply supported one way slab. Effective depth of slab is 125 mm and maximum moment in a slab is 22 kN.m, M25 grade of concrete and Fe 500 grade of steel)
- 08 Application of python for Structural Engineering (Determine the magnitude and nature of forces in members of statically determinate pin jointed truss by method of section)
- 09 Application of python for Solid Waste Engineering (Determine the settling velocity of suspended solids)
- 10 Application of python for Environmental Engineering (To find out the residual chlorine from given water with specifically mentioned doses of chlorine)
- 11 Application of python for Soil Mechanics (Find out the stress distribution in a soil using Boussinesq's equation)
- 12 Application of python for Foundation Engineering (Find out the shear strength of a soil with given data)
- 13 Application of python for Quantity Analysis (Determine the total volume of concrete in the trapezoidal footing)

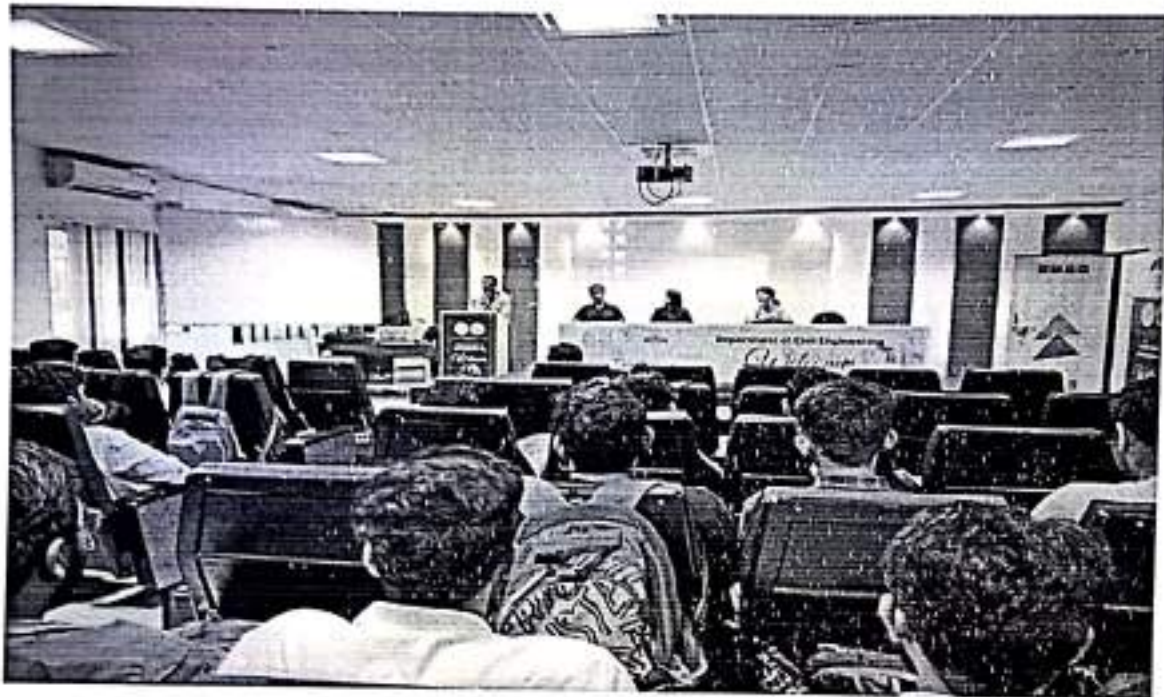




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DEPARTMENT OF CIVIL ENGINEERING 2022-2023



Introduction of Guest by Prof. R. B. Vade



Basic Introduction of Python and its Application by CADD centre trainer





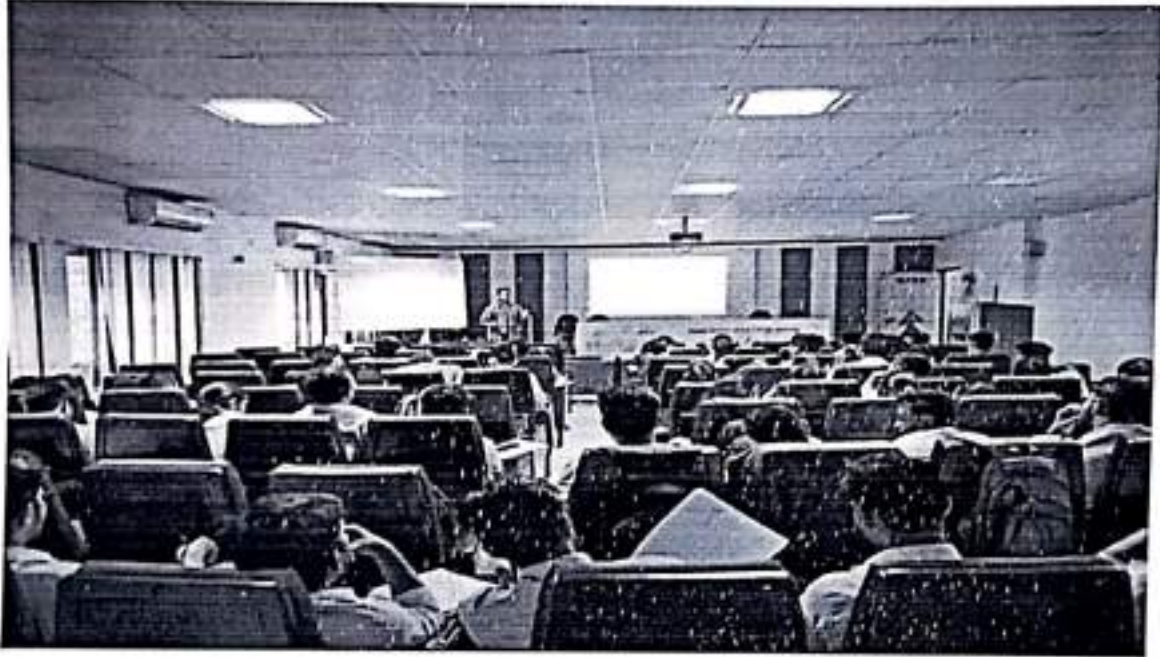


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DEPARTMENT OF CIVIL ENGINEERING 2022-2023

S



Software Training Class by Hrishikesh sir in Seminar Hall



Software Training Class by Hrishikesh sir in Seminar Hall







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DEPARTMENT OF CIVIL ENGINEERING 2022-2023



Practice Session in UG Computer Lab





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Technology, Bavdhan, Pune  
Department of Electronics & Telecommunication  
Engineering



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Expert Lecture Report

Class: TE E&TC Subject : Microcontrollers

AY: 2020-21 Date: 16/03/2021

Expert Lecture on topic “PIC Microcontroller based Embedded and IOT System Design” for TE E&TC, Subject: Microcontroller was conducted by Mr. S. S. Kendre. He has 5Yrs of Industry Experience and 13Yrs of teaching experience. He is currently working as Chief Technical Officer in PERI Solutions, and Guest Faculty in BITS Pilani, WILP Division.

Difficult topics from the syllabus were focused. Interfacing of motion sensor, temperature sensor LM 35, relay, buzzer and LCD was discussed in detail. Also a case study on “Design of Home Automation System” was undertaken in detail. An overview of “Thingspeak: An open-source Internet of Things application and API” was discussed to deliver knowledge which will be helpful to bridge the gap between academics and industry. When the online feedback was taken, students demanded few topics from this subject. The same was covered during online expert session. Apart from that the lecture also focused applications of microcontroller in industry. Following are the details of session:

Class: TE E&TC

Subject: Microcontroller

Date: 16/03/21

Time: 11:00am to 1:00pm

Name of Expert: Mr. S. S. Kendre, Chief Technical Officer, PERI Solutions.

Topic: “PIC Microcontroller based Embedded and IOT System Design”

No. of Students Present: 28

Mrs. Pallavi Mulmule  
Subject Incharge

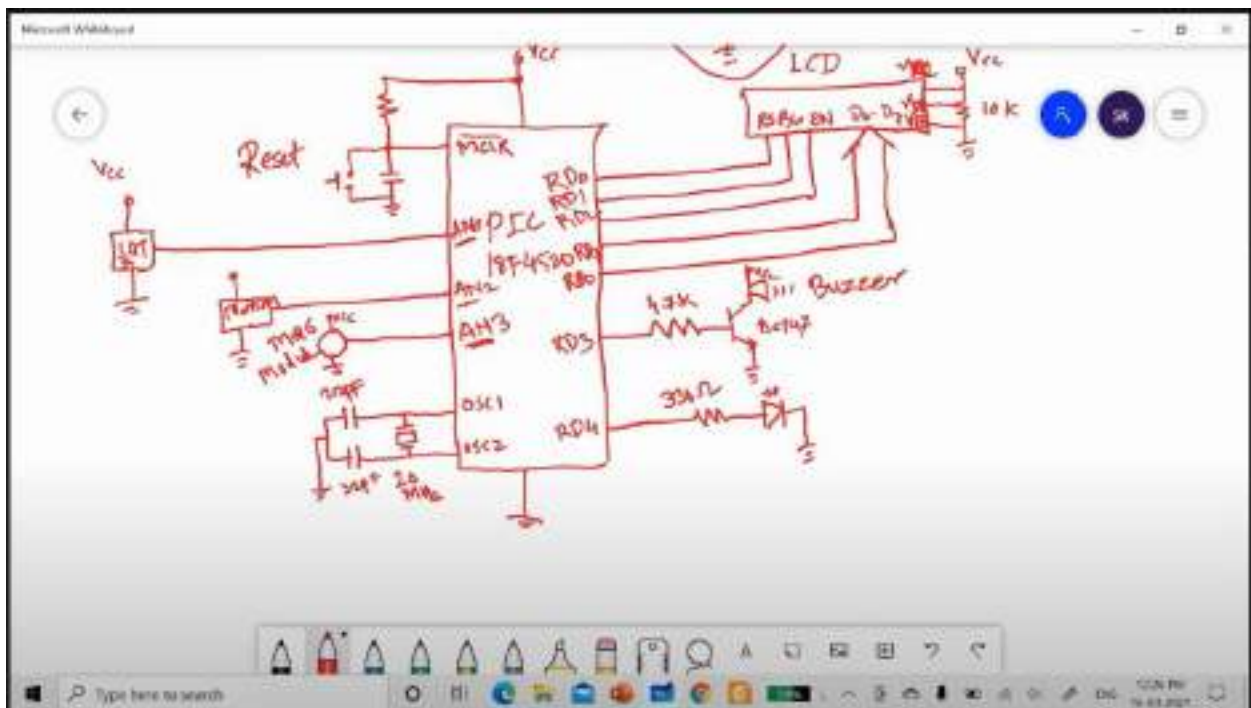
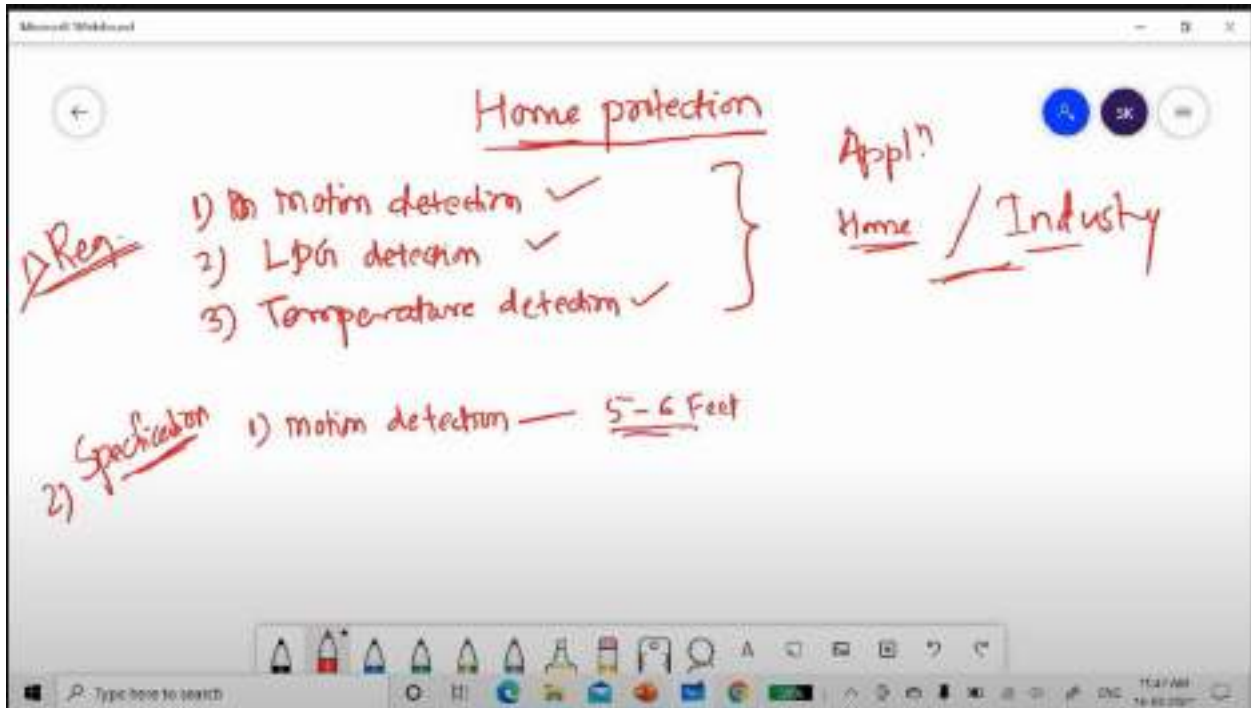
Dr. D. M. Dhane  
HOD ENTC

# Expert Lecture Report

Class: TE E&TC Subject : Microcontrollers

AY : 2020-21 Date : 16/03/2021

Topic: "PIC Microcontroller based Embedded and IOT System Design"





REC Sangmeshwar Kendre is presenting

ThingSpeak Channels Apps Support Commercial Use How to Buy Channel 3 of 3

### Channel Stats

Created: [3 months ago](#)  
Last entry: [16h 26m 41s ago](#)  
5 views 28

#### Field 1 Chart

00111\_25F12

Y-axis: 0, 50, 100  
X-axis: 16 Mar, 17 Mar, 18 Mar, 19 Mar

Date	Value
16 Mar	100
17 Mar	75
18 Mar	50
19 Mar	50

#### Field 2 Chart

00111\_25F12

Y-axis: 0, 50, 100  
X-axis: 16 Mar, 17 Mar, 18 Mar, 19 Mar

Date	Value
16 Mar	100
17 Mar	75
18 Mar	50
19 Mar	50

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11:08 PM 15-03-2021



**Dr. D. Y. Patil Institute of Technology,  
Pimpri, Pune - 411 018  
Department of Mechanical Engineering**

---

Date: 28/05/21

To,  
Dr. Pramod Bagade  
Professor,  
PVPIT PUNE, INDIA

**Subject:** Thanking Letter

Dear sir,

We, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune, hereby would like to deeply thank you for accepting our Invitation as a Resource Person for one week Faculty Development Program on “Advances in Renewable Energy Sources” from 5<sup>th</sup> May, 2021 to 9th May, 2021.

It was a thoroughly enlightening and informative session for the listeners. Your expertise in addressing different approaches in Advances in Renewable Energy Sources was exceedingly cherished by everyone. All participants have appreciated your speech with respect to content, presentation, delivery method and reply to the questions asked.

We take this opportunity to appreciate your efforts and deeply thank you for the same.

Hope for your kind co-operation in future.

Thanking you.

Regards,

**Dr. K. K. Dhande**  
HoD (Mech)  
DYPIT, Pimpri, Pune

**Dr. Pramod D. Patil**  
Principal,  
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**DESIGN AND ANALYSIS OF  
THERMOELECTRIC AIR COOLING IN  
BLADELESS FANS**

**By**

**PATIL HRUSHIKESH KAILASH**

**MIS NO. 121925017**

**Under guidance of**

**DR. V. K. HARIBHAKTA**



**DEPARTMENT OF MECHANICAL ENGINEERING  
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