

## A. Details of Workshop

### A3. Add on Course on Machine Learning

#### Overview

<b>Title</b>	Add on Course on Machine Learning
<b>Date &amp; Time</b>	09 <sup>th</sup> April 2022 (11:00 AM)
<b>Number of Participants</b>	39 - Second Year
<b>Resource Person</b>	Mr. Rushikesh Dhande
<b>Venue</b>	EEE Seminar Hall, PRMCEAM, Badnera

#### Objectives & Outcomes

<b>Objectives</b>	<p>Students will be able</p> <ol style="list-style-type: none"> <li>1. To discover patterns in the user data and then make predictions based on these and intricate patterns for answering business questions and solving business problems.</li> <li>2. To understand the basic theory underlying machine learning.</li> <li>3. To be able to formulate machine learning problems corresponding to different applications.</li> <li>4. To understand a range of machine learning algorithms along with their strengths and weaknesses.</li> <li>5. To be able to apply machine learning algorithms to solve problems of moderate complexity.</li> <li>6. To apply the algorithms to a real-world problem, optimize the models learned and report on the expected accuracy that can be achieved by applying the models.</li> </ol>
<b>Outcomes</b>	<p>After completing this course, the student will be able</p> <ol style="list-style-type: none"> <li>1. To Appreciate the importance of visualization in the data analytics solution</li> <li>2. Apply structured thinking to unstructured problems</li> <li>3. Understand a very broad collection of machine learning algorithms and problems</li> <li>4. Learn algorithmic topics of machine learning and mathematically deep enough to introduce the required theory.</li> <li>5. Develop an appreciation for what is involved in learning from data.</li> </ol>

#### Contents

- Python Basics
- Python Lib for Machine Learning
- Exploratory Data Analysis
- Machine Learning Theory
- K-Nearest Neighbour
- Scikit learn Library
- ML Project Development

**List of Participants**

Sr. No.	Student Name
1	Priyanka Pravinrao Bakade
2	Sakshi Sudhir Kondolikor
3	Pratiksha Parmeshwar Nagrale
4	Vedashri Pralhad Jangle
5	Radhika Dadarao Khedkar
6	Radha Bhashkar Bobade
7	Kalyani Anil Malekar
8	Anuradha Vasudeo Neware
9	Sayali Vilas Dhanvij
10	Shravani Lalit Dhoke
11	Pallavi Vijay Nake
12	Kirti Santoshrao Kaware
13	Janhavi Subhash Pachpute
14	Shraddha Dnyaneshwar Gawande
15	Sanskruiti Sanjay Ghadikar
16	Shirin Siddharth Godbole
17	Pratiksha Rajesh Jagtap
18	Gayatri Vinodrao Deshmukh
19	Yashaswi Balkrishan Holey
20	Faizan Shah Ramju Shah

Sr. No.	Student Name
21	Om Mangesh Kshirsagar
22	Pawan Manoj Tiwari
23	Ritesh Ambadas Chirde
24	Rushikesh Keshao Pachade
25	Kantesh Sanjay Murade
26	Ganesh Madan Mukhmale
27	Shreyas Rajendra Bhoge
28	Pranav Pramodrao Nichat
29	Rohan Sunil Deshmukh
30	Vishal Balkrushna Dhanokar
31	Gajanan Ramesh Golliwar
32	Sarthak Narsingh Patil
33	Shardul Amit Tidke
34	Harsh Satish Patil
35	Vrushabh Atul Awathankar
36	Suyog Chandrakant Bhalerao
37	Abhishek Gajanan Bhople
38	Yogesh Jagadev Ingole
39	Kiran Namdev Khakare

Prof Ram Meghe College of Engineering and Management, Badnera

Department of Information Technology

Add on course on Machin Learning Project Development

Lecture-1

Attendance

Date:-09-04-2022

Sr. No.	Department	Roll No	Name of the Student	Signature
1	IT	67	Priyanka P. Bakade	
2	IT	60	Sakshi S. Kondolika	
3	IT	73	Pratiksha P. Nagrale	
4	IT	68	Vedashri P. Jangale	
5	IT	50	Radhika D. Khedkar	
6	IT	55	Radha B. Bobade	
7	IT	48	Kalyani A. Malekar	
8	IT	58	Anuradha V. Necoane	
9	IT	12	Sayali V. Dhanvij	
10	IT	62	Shravani L. Dhoke	
11	IT	31	Pallavi V. Nake	
12	IT	22	Kirti S. Kawane	
13	IT	39	Janhavi Pachpute	
14	IT	14	Shraddha Gawande	
15	IT	15	Sanskanti Ghadikar	
16	IT	16	Shweta Godbole	
17	IT	41	Pratiksha Jagtap	
18	IT	09	Gayatri V. Deshmukh	
19	IT	19	Yashaswi B. Holey	
20	IT	39	Faizan S. R. Shah	
21	IT	24	OM. M. KSHIRSAGAR	
22	IT	43	Pawani M. Tiwari	
23	IT	07	Ritesh A. Chirde	
24	IT	64	Rushikesh K. Pachade	

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Lecture-1

Attendance

Date:-09-04-2022

Sr. No.	Department	Roll No	Name of the Student	Signature
25	IT	66	Kantesh - S. Murade	Kantesh
26	IT	46	Ganesh M. Mukhmal	Ganesh M. Mukhmal
27	IT	05	Shreyas R. Bhoge	S.R. Bhoge
28	IT	28	Pranav P. Nichat	Pranav
29	I.T.	10	Rohan. S. Deshmukh	Rohan S. Deshmukh
30	IT	11	Vishal. B. Dhanokar.	Vishal B. Dhanokar
31	IT	13	Gyanan Gollinas	Gyanan Gollinas
32	IT	35	Saathak N. Patil	S.N. Patil
33	IT	10	Shardul A. Tidke	Shardul A. Tidke
34	IT	03	Suyog. C. Bhalotkar	Suyog C. Bhalotkar
35	IT	34	HARSH PATIL	Harsh Patil
36	IT	62	Abhishek G. Bhople	Abhishek G. Bhople
37	IT	54	Yogesh J. Ingole	Yogesh J. Ingole
38	IT	23	KIRAN. N. KHAKARE	K.N. Khakare
39	IT	02	Vrushabh A. Awadhankar	Vrushabh A. Awadhankar

Photographs



Vidarbha Youth Welfare Society's  
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Recognized by Govt. Of Maharashtra, Department of Higher & Technical Education - DTE Mumbai  
Permanently Affiliated to Sant Gadge Baba Amravati University, Amravati

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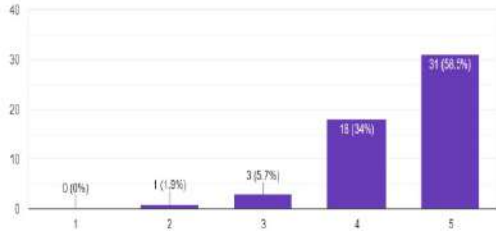
**ADD ON COURSE ON MACHINE LEARNING PROJECT DEVELOPMENT**  
**LECTURE 1**

**DATE:- 09-04-2022**      **SPEAKER:- Mr. Rushikesh Dhande**

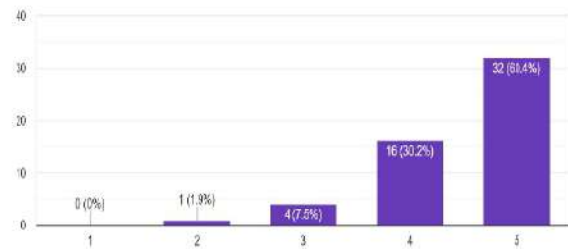
**Feedback**

**Feedback for Mr. Rushikesh Dhande(09/04/2022) Add on Course on Machine Learning**

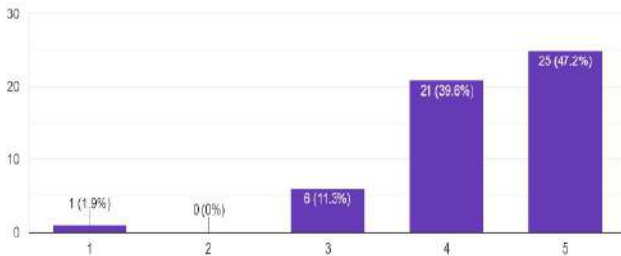
How informative did you find today's lecture? (Lowest-1, Highest-5)  
 53 responses



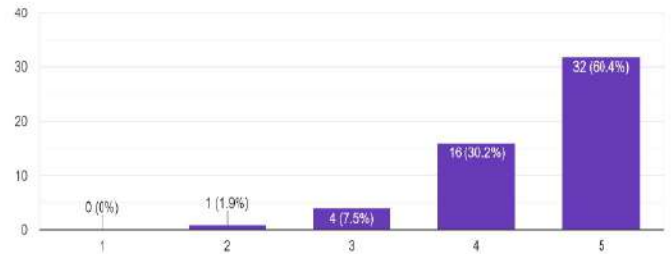
How helpful the today's lecture was to you?  
 53 responses



How would you rate the quality of the content of programme?  
 53 responses



Please rate the today's resource person (1- Lowest, 5-Highest)  
 53 responses



*P.K.*

**Dr. Priti Khodke**  
 Head  
 Department of Information Technology  
 Prof. Ram Meghe College of Engineering  
 & Management, Badnera-Amravati



**Rushikesh Dhande**

I seek challenging opportunities where I can fully use my skills for the success of the organization.

+91 7261973620

rdhande92@gmail.com

### Profile Summary

Achievement-driven professional with an experience of nearly 5 years in Python Developer-Machine learning Engineer, Data Science and Analytics. Also Experience in architecting applications with Algorithms, Data Structures ,Artificial Intelligence, Machine Learning, Deep Learning etc. Deployment of Machine Learning and Deep Learning Models using PAAS such as Heroku and IAAS such as AWS EC2 instance.

### Skills

<b>Programming Languages :</b> Python , C , C++ , Core Java	<b>Natural Language Processing</b>
<b>Machine Learning :</b> Supervised and Unsupervised Learning	<b>Data Science Libraries :</b> Numpy, Pandas, Matplotlib, Seaborn, Sklearn/Scikit-learn, OpenCV , BeautifulSoup4
<b>Databases :</b> MySQL	<b>Web Framework :</b> Flask , (REST API)
<b>Platforms and IDE :</b> Anaconda, Jupyter Notebook, Pycharm IDE , Windows 10	<b>Deep Learning Framework:</b> Tensorflow & Keras
<b>Neural Network :</b> Artificial Neural network(ANN) , Convolutional Neural Network(CNN) , Recurrent Neural Network(RNN).	<b>Cloud Deployment :</b> AWS(Novice), Heroku etc

### Work Experience

#### Obdurate Technologies Pvt. Ltd.

Working as a Machine learning Engineer- Python Developer and CEO at Obdurate Technologies Pvt. Ltd, Amravati from Aug - 2017 to till date.

### Educational Qualification

SR. No.	Name of Examination	Board/University	Year of Passing	Aggregate Percentile
1	Doctor of Philosophy	Dr. C. V. Raman University ,Kota.	Pursuing	-
2	M.E. (IT)	Sant Gadge Baba Amravati University.	2016	8.38(CGPA)
3	B.E. (IT)	Sant Gadge Baba Amravati University.	2014	7.71(CGPA)
4	HSC	Maharashtra State Board, Amravati.	2009	68%
5	SSC	Maharashtra State Board, Amravati.	2007	74%

### Highlights

- Recognized by organization, colleagues, and peers for innovation, communication, and teamwork to ensure quality, timely project completion.
- Securing University topper rank in Masters Degree.
- Published 8+ papers in Scopus/ESCI indexed Journals.

### Declaration

I hereby declare that the above information produced by me is true to the best of my knowledge.