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Record No.: ZCOER-ACAD/R/15

Revision: 00

Date: 01/04/2021

SE Project Based Learning Topic Finalization

Department: AI & DS

Semester: II

Academic Year: 2021 -2022

Date: 17-01-2022

Sr. No.	Group ID	Roll No.	Name of Student	Name of the guide	Topic Name
1	1	S1411033	Kshirsagar Aniket Balasaheb	Dr. S. A. Ubale (8605705655)	Pedestrian Detection using OpenCV-Python
2		S1411032	Kondhalkar Omkar Someshwar		
3		S1411048	Patil Aditya Tanaji		
4		S1411040	Shravani Mane		
5	2	S1411039	Rohit Bhavarlal Malviya	Dr. S. A. Ubale (8605705655)	Photo Editor Using Python
6		S1411005	Nandan Bharate		
7		S1411066	Aaditya Rahul Wadodkar		
8	3	S1411073	Hubale Avinash Ramchandra	Prof. A. S. Garande	Convert Text To Speech
9		S1411070	Bhosale Girish Pandurang		
10		S1411077	Nehe Ganesh Ravsaheb		
11		S1411071	Walunekar Avdhoot Prakash		
12	4	S1411052	Pawar Yash Prashant	Prof. S. S. Vanjire	Image Editor Using Python, Javascript & Eel
13		S1411047	Pagare Devika Prashant		
14		S1411068	Yehalegaonkar Sanchi		
15		S1411063	Sonone Amisha Sanjay		
16	5	S1411007	Borkar Shreyash Sanjiv	Prof. A. S. Garande	Image Recognition and Prediction
17		S1411006	Bhujbal Hrushikesh Balu		
18		S1411002	Antapurkar Mokshad Prashant		
19		S1411028	Khair Radhesh Sandeep		
20	6	S1411054	Phadtare Prathamesh Pradip	Dr. S. A. Ubale (8605705655)	Amazon Sentiment Analysis
21		S1411030	Kolhe Prarthana Mahendra		
22		S1411027	Kamble Mitali Parshuram		
23		S1411026	Kalbhori Srushti Harshad		



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24	7	S1411036	Lokhande Priya Dhuldas	Prof. S. S.Vanjire	Driver Drowsiness Detection System With Open CV
25		S1411016	Gade Jagruti Ramesh		
26		S1411074	Jadhav Anish Santosh		
27		S1411069	Sherigar Ayush Vasant		
28	8	S1411018	Mrunaal Mahesh Gathe	Prof. A. S. Garande	Image-Encryption-using-AES-master python
29		S1411031	Prathmesh Sachin Koli		
30		S1411011	Samarth Chincholkar		
31		S1411038	Jay Madchetti		
32	9	S1411009	Bramhane Mihir Vinod	Prof. S. S.Vanjire	Chatbot
33		S1411008	Borse Mugdha Sanjay		
34		S1411010	Chaudhari Manish Madhukar		
35		S1411001	Aher Pratik Kailas		
36	10	S1411020	Gurav Siddhi Shantanu	Prof. A. S. Garande	Cartoonify an Image with OpenCV in Python
37		S1411021	Haldule Atharva Abhay		
38		S1411017	Ghadve Manish Mahesh		
39	11	S1411022	Jadhav Shubham	Prof. A. S. Garande	Virtual Assistant Using Python
40		S1411034	Lingayat Shubham Shivaji		
41		S1411055	Powar Sonali Sanjay		
42		S1411058	Sawant Tejas Sadashiv		
43	12	S1411019	Manoj Vilas Gujare	Prof. A. S. Garande	Alexa Using Python
44		S1411051	Shivam Sanjay Patil		
45		S1411029	Kundan Pratap Khudkhude		
46		S1411041	Prabhat Pradip Manna		
47	13	S1411043	Abrar Ahmed Rizwan Mungi	Prof. S. S.Vanjire	Fake News Analysis/Detection Project
48		S1411061	Rakesh Anand Shetty		
49		S1411015	Onkar Futane		
50		s1411042	Gaurang Mhatre		
51	14	S1411003	Bendre Dinesh Vivek	Prof. A. S. Garande	Chess Engine using AI
52		S1411004	Bhandare Hansika Nivas		
53		S1411023	Jain Aashika Anant		
54		S1411049	Patil Kaushik Subhash		



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55	15	S1411012	Aakash Dabhade	Prof. A. S. Garande	Face Recognition using Python
56		S1411053	Pawaskar Mohit Santosh		
57		S1411060	Kawnain Shaikh		
58		S1411065	Makrand Vaydande		
59	16	S1411013	Rasika Santosh Deshmukh	Dr. S. A. Ubale (8605705655)	Uber data analysis
60		S1411014	Prateek Chandrakant Dhole		
61		S1411045	Vaishnavi Ramesh Narawade		
62		S1411059	Fatru Shaikh		
63	17	S1411057	Pranav Jitendra Rathod	Dr. S. A. Ubale (8605705655)	WORD FREQUENCY COUNTER USING PYTHON
64		S1411075	Mayuri Mohan Jagatap		
65		S1411072	Divya Rajendra Deore		
66		S1411076	Sujal Sandeep Khopade		
67	18	S1411044	Aakash Sameer Naralkar	Prof. S. S. Vanjire	Real-Time Emotion Detection OpenCV using Python
68		S1411056	Abhay Rathod		
69		S1411064	Isha Tadas		
70		S1411050	Kushank Patil		
71	19	S1411025	Suraj Jorwar	Prof. A. S. Garande	Gold Price Prediction
72		S1411037	Suraj Lokhande		
73		S1411035	Prathamesh Lohar		
74	20	S1411024	Suraj Ramesh Jawalkar	Prof. S. S. Vanjire	Hotel Kitchen Management System
75		S1411046	Amit Ashok Narute		
76		S1411067	Chaitanya Yadav		
77		S1411062	Abhishek Singh		

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Prof. Seema Vanjire
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has successfully completed the termwork in

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as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022

Staff Member



Head of Department

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

Roll No.: S141051

Exam. Seat No.: S19053206



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CERTIFICATE

This is to certify that,

Mr. / Miss Shivam S. Patil

has successfully completed the termwork in

Subject PAI-II


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022.


Staff Member




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

Roll No.: S1411029

Exam. Seat No.: S1905320 42



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CERTIFICATE

This is to certify that,

Mr. / Miss Kumdam P. Khudkhude

has successfully completed the termwork in

Subject PBL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022

Staff Member



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

Roll No.: S1411041

Exam. Seat No.: S190522052



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CERTIFICATE

This is to certify that,

Mr. / Miss Prabhat P. Manna.

has successfully completed the termwork in

Subject PRL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022.

Staff Member



Head of Department

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

Roll No.: 51411043

Exam. Seat No.: 8190532055



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CERTIFICATE

This is to certify that,

Mr. / Miss Abraar Mungi

has successfully completed the termwork in

Subject PBL - II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2020 - 2021

Sem. 4th

Date : 24/05/2022


Staff Member




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

Roll No.: 51411061

Exam. Seat No.: 5190532071



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This is to certify that,

Mr. / Miss Rakesh Shetty

has successfully completed the termwork in

Subject PBL-II

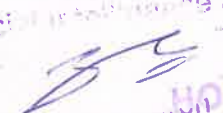
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during the academic year 2020 - 2021

Sem. 4th

Date : 24/05/2022


Staff Member




HOD
Artificial Intelligence and
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Zeal College of Engineering
and Research

Roll No : 51411015

Exam. Seat No : 51905320 22



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CERTIFICATE

This is to certify that,

Mr. / Miss Onkar Yutane

has successfully completed the termwork in

Subject PBL-II

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during the academic year 2020 - 2021

Sem. 4th

Date : 24/05/2022


Staff Member




HOD
Artificial Intelligence and
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Zeal College of Engineering
And Research

Roll No.: S1411073

Exam. Seat No.: S190532028



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CERTIFICATE

This is to certify that,

Mr. / Miss Avinash R. Hubale

has successfully completed the termwork in

Subject PBL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022

Staff Member



Head of Department

Artificial Intelligence and
Data Science Department
Zeal College of Engineering
and Research

Roll No.: 51411052

Exam. Seat No.: 2083



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CERTIFICATE

This is to certify that,

Mr./Miss Yash Prashant Pawar

has successfully completed the termwork in

Subject PBL Logbook

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date: 23/05/2022


Staff Member



HOD
Artificial Intelligence and
Data Science Department
Zeal College of Engineering
Head of Department

Roll No.: 61411047

Exam. Seat No.: 2060



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CERTIFICATE

This is to certify that,

Mr. / Miss Devika Prashant Pagare

has successfully completed the termwork in

Subject PBL Logbook


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 23 / 05 / 2022


Staff Member




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

Roll No.: 51411068

Exam. Seat No.: 2077



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CERTIFICATE

This is to certify that,

Mr./Miss Sanchi Yehadegaonkar

has successfully completed the termwork in

Subject PBL Logbook

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 23/05/2022

Staff Member



Head of Department

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

Roll No.: S1411063

Exam. Seat No.: 2003



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CERTIFICATE

This is to certify that,

Mr./Miss Amisha Sanjay Sonone

has successfully completed the termwork in

Subject PBL logbook

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. 4th

Date : 23/05/2022


Staff Member




Head of Department

HOD
Data Science Department
Zeal College of Engineering
And Research

Roll No.: SI411007

Exam. Seat No.: 2012



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CERTIFICATE

This is to certify that,

Mr. / Miss Shreyash S. Borkar

has successfully completed the termwork in

Subject PAL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022

Staff Member



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

Roll No.: 51411006

Exam. Seat No.: 2011



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CERTIFICATE

This is to certify that,

Mr. / Miss Hrushikesh B. Bhujbal

has successfully completed the termwork in

Subject PBL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 20 - 20

Sem. IV

Date : 24/05/2022

Staff Member



Head of Department

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

Roll No.: 31411002

Exam. Seat No.: 2005



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CERTIFICATE

This is to certify that,

Mr. / Miss Mokshad P. Antapurkar

has successfully completed the termwork in

Subject PBL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022

Staff Member



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

Roll No.: S1411028

Exam. Seat No.: 2038



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CERTIFICATE

This is to certify that,

Mr. / Miss Radhesh S. Khaire

has successfully completed the termwork in

Subject PBL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 20 - 20

Sem. IV

Date : 24/05/2022


Staff Member




HOD
Head of Department
Data Science Department
Zeal College of Engineering
And Research

Roll No.: 61411054

Exam. Seat No.: 2065



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CERTIFICATE

This is to certify that,

Mr./Ms. prathamesh phadtare

has successfully completed the teamwork in

Subject PBL-II

as per syllabus of the Savitribai Phule Pune University

during the academic year 2021 - 2022

Sem. 4th

Date :


Staff Member




Head of Department

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

Roll No.: S1411030

Exam. Seat No.: 2041



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CERTIFICATE

This is to certify that,

M./Ms. prarthana kolhe

has successfully completed the teamwork in

Subject PBL - II

as per syllabus of the Savitribai Phule Pune University

during the academic year 2021 - 2022

Sem. 4th

Date :

Staff Member

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



Roll No.: S1411027

Exam. Seat No.: 2035



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CERTIFICATE

This is to certify that,

Mr./Ms. Mitali Kamble

has successfully completed the teamwork in

Subject PBL-II

as per syllabus of the Savitribai Phule Pune University

during the academic year 2021 - 2022

Date :

Staff Member



HOD
Artificial Intelligence and
Data Science Department
Zeal College of Engineering
Head of Department

Roll No.: 31411026

Exam. Seat No.: 2034



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CERTIFICATE

This is to certify that,

Mr./Ms. Srushti Kalbhor

has successfully completed the teamwork in

Subject PBL-II

as per syllabus of the Savitribai Phule Pune University

during the academic year 20 21 - 20 22

Sem. 4th

Date:


Staff Member


Head of Department



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

Roll No.: 51411036

Exam. Seat No.: 2047



Zeal Education Society's
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CERTIFICATE

This is to certify that,

Mr./Miss Priya Lokhande

has successfully completed the termwork in

Subject PBL logbook


as per syllabus of the Savitribai Phule Pune University
during the academic year 20 - 20

Sem. IV

Date : 19/5/2022

Staff Member




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

Roll No.:

42

Exam. Seat No.:

2054



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S. No. 39, Narhe, Pune 411041

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CERTIFICATE

This is to certify that,

Mr. / Miss Gaurang BHUPENDRA MHATRE

has successfully completed the termwork in

Subject Project based learning

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 23-5-22

Staff Member



HOD
Artificial Intelligence and
Data Science Department
Head of Department
And Research

Roll No.: SA11003

Exam. Seat No.: 5190532007



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CERTIFICATE

This is to certify that,

Mr. / Miss Dinesh V. Borelre

has successfully completed the termwork in

Subject POL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022

Staff Member



Head of Department

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

Roll No.: S141104

Exam. Seat No. S190532 0208



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CERTIFICATE

This is to certify that,

Mr. / Miss Hansika Bhandare

has successfully completed the termwork in

Subject PBC-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date: 24/5/22

Staff Member



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

Roll No.: S1411023

Exam. Seat No.: S190530 2031



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CERTIFICATE

This is to certify that,

Mr. / Miss Aashika Amant Jain

has successfully completed the termwork in

Subject PDL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022

Staff Member



Head of Department

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

Roll No.: 51411049

Exam. Seat No.: 2036



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CERTIFICATE

This is to certify that,

Mr. / Miss Kaushik S. Patil

has successfully completed the termwork in

Subject POL-II


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022


Staff Member




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

Roll No.: 51411012

Exam. Seat No.: 2017



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CERTIFICATE

This is to certify that,

Mr. / Miss AAKASH . NILESH . DOBHADE

has successfully completed the termwork in

Subject Project Based Learning.


as per syllabus of the Savitribai Phule Pune University
during the academic year 20 - 20

Sem. IV

Date : 23/05/2022


Staff Member




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

Roll No.: 3141053

Exam. Seat No.: 2064



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CERTIFICATE

This is to certify that,

Mr. / Miss Mohit S. Pawaskar

has successfully completed the termwork in

Subject POL-II


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022


Staff Member




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

Roll No.: 51411060

Exam. Seat No.: 2037



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Zeal College of Engineering & Research

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S. No. 39, Narhe, Pune 411041

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CERTIFICATE

This is to certify that,

Mr. / Miss Shaikh Kawrain.

has successfully completed the termwork in

Subject Project Based Learning.


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 23/05/2022


Staff Member




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

Roll No.: 51411065

Exam. Seat No. 2074



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CERTIFICATE

This is to certify that,

Mr. /-Miss Makarand Naydande

has successfully completed the termwork in

Subject PBL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2020 - 2021

Sem. 4th

Date : 24/05/2022


Staff Member




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

Roll No.:

13

Exam. Seat No.:

2019



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CERTIFICATE

This is to certify that,

Mr./Miss Prasika Santosh Deshmukh

has successfully completed the termwork in

Subject Project Based Learning

as per syllabus of the Savitribai Phule Pune University
during the academic year 2020 - 2021

Sem. IVth

Date :

Staff Member



HOD

Artificial Intelligence and
Data Science Department
Zeal College of Engineering
Head of Department

Roll No.:

14

Exam. Seat No.:

2020



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CERTIFICATE

This is to certify that,

Mr./Miss Bateek Chandrakant Phole

has successfully completed the termwork in

Subject Project Based Learning

as per syllabus of the Savitribai Phule Pune University
during the academic year 2020 - 2021

Sem. IVth

Date :

Staff Member



Head of Department

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

Roll No.:

25

Exam. Seat No.:

2057



Zeal Education Society's
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CERTIFICATE

This is to certify that,

Mr./Miss Vaishnavi Ramesh Narawade

has successfully completed the termwork in

Subject Project Based Learning

as per syllabus of the Savitribai Phule Pune University
during the academic year 20 20 - 20 21

Sem. IVth

Date :


Staff Member




Head of Department

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

Roll No.:

59

Exam. Seat No.:

2021



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CERTIFICATE

This is to certify that,

Mr./Miss Fatma Tubes Shaikh.

has successfully completed the termwork in

Subject Project Based Learning.

as per syllabus of the Savitribai Phule Pune University
during the academic year 2020 - 2021

Sem. IVth

Date :


Staff Member




HOD
Head of Department
Data Science Department
Zeal College of Engineering
And Research

Roll No.: 51411057

Exam. Seat No.: 2069



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CERTIFICATE

This is to certify that,

Mr. / Miss Praman J. Rathod

has successfully completed the termwork in

Subject POL-II


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022.


Staff Member




HOD
Head of Department
Data Science Department
Zeal College of Engineering
And Research

Roll No.: 51411075

Exam. Seat No.: 5190532030



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Zeal College of Engineering & Research

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S. No. 39, Narhe, Pune 411041

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CERTIFICATE

This is to certify that,

Mr. / Miss Mayuri Mohan Jagatap

has successfully completed the termwork in

Subject PBL (synopsys)

as per syllabus of the Savitribai Phule Pune University

during the academic year 2021 - 2022

Sem. 4th

Date : 24/5/22

Staff Member



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

Roll No.: S1411072

Exam. Seat No.: 2018



Zeal Education Society's

Zeal College of Engineering & Research

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S. No. 39, Narhe, Pune 411041
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CERTIFICATE

This is to certify that,

Mr. / Miss Danya R. Deore.

has successfully completed the termwork in

Subject PBL-II


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022.


Staff Member




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

Roll No.: S1411076

Exam. Seat No.: 2039



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CERTIFICATE

This is to certify that,

Mr. / Miss Sujal Samdeep Khopade

has successfully completed the termwork in

Subject PBL-II


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022


Staff Member




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

Roll No.: 51711044

Exam. Seat No.: 2056



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CERTIFICATE

This is to certify that,

Mr./Miss Aakash S. Naraikar

has successfully completed the termwork in

Subject PBL-II (Real time emotion detection
using open-cv python)


as per syllabus of the Savitribai Phule Pune University
during the academic year 20 21 - 20 22

Sem. IV

Date :

Staff Member




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

Head of Department

Roll No.: 51411056

Exam. Seat No.: 2068



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This is to certify that,

Mr./Miss Abhgy Rathod

has successfully completed the termwork in

Subject PB2-II (realtime emotion detection using
opencv in python)


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date :


Staff Member




HOD
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Zeal College of Engineering
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Roll No.: 51411064

Exam. Seat No.: 2072



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This is to certify that,

Mr./Miss Isha Tadas

has successfully completed the termwork in

Subject PBL-11 (Real time emotion detection using open cv python)

as per syllabus of the Savitribai Phule Pune University
during the academic year 20 21 - 2022

Sem. IV

Date :

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Exam. Seat No.: 2044



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This is to certify that,

Mr./Miss Kushen Patil

has successfully completed the termwork in

Subject PG2-11 (Real time emotion detection using open cv Python)


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date :


Staff Member




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Artificial Intelligence and
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Exam. Seat No.: 2033



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CERTIFICATE

This is to certify that,

Mr. / Miss Suraj K. Jorwari

has successfully completed the termwork in

Subject PBL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022.

Staff Member



Head of Department

Roll No.: 5411037

Exam. Seat No.: 2048



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CERTIFICATE

This is to certify that,

Mr. / Miss Suraj D. Lokhande

has successfully completed the termwork in

Subject POL-II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022


Staff Member




HOD
Artificial Intelligence and
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Roll No.: SI411035

Exam. Seat No.: 2046



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CERTIFICATE

This is to certify that,

Mr. / Miss Prathmesh S. Lohar

has successfully completed the termwork in

Subject PBL - II

as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/22

Staff Member



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

Roll No.: S1411024

Exam. Seat No.: 2032



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CERTIFICATE

This is to certify that,

Mr. / Miss Suraj R. Jaiswal Kar

has successfully completed the termwork in

Subject POH-II


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022.


Staff Member




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

Roll No.: S1411046

Exam. Seat No.: 2058



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CERTIFICATE

This is to certify that,

Mr./Miss Narute Amit Ashok

has successfully completed the termwork in

Subject PBL (Synopsys)

as per syllabus of the Savitribai Phule Pune University
during the academic year 20 - 20

Sem. IV

Date : 24/5/22


Staff Member



HOD
Artificial Intelligence and
Data Science Department
Zeal College of Engineering
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Head of Department

Roll No.: 51411067

Exam. Seat No.: 2076



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CERTIFICATE

This is to certify that,

Mr. / Miss Chaitanya D. Yeolar

has successfully completed the termwork in

Subject POL-II


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022.


Staff Member




HOD
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Zeal College of Engineering
And Research

Roll No.: S1411062

Exam. Seat No.: 2001



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CERTIFICATE

This is to certify that,

Mr. / Miss Abhishek K. Singh

has successfully completed the termwork in

Subject PBL-II


as per syllabus of the Savitribai Phule Pune University
during the academic year 2021 - 2022

Sem. IV

Date : 24/05/2022


Staff Member




HOD
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And Research