	<b>ZEAL EDUCATION SOCIETY'S</b> <b>ZEAL COLLEGE OF ENGINEERING AND RESEARCH</b> <b>NARHE   PUNE -41   INDIA</b> <b>DEPARTMENT OF MECHANICAL ENGINEERING</b>	
Record No.: ZCOER-ADMIN/R/	Revision: 00	Date: 01/04/2021

**SUMMARY REPORT OF HANDS ON TRAINING ACADEMIC YEAR: 2021-22**

Sr. No.	Value added courses	Date of Introduction	Duration of course (Hours)	Number of Students completing the course in the year	No. of times offered during the same year
1	Global certification workshop on Python	05/01/2022 to 15/01/2022	30	108	1



*[Handwritten Signature]*

**Head of Department**

**Head of Department**  
 Dept. of Mechanical Engineering  
 ZES's Zeal College of Engineering  
 & Research, Pune-411 041



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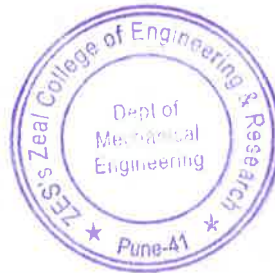


**DEPARTMENT OF MECHANICAL ENGINEERING**

**1. Course Details**

1	Course Name	Hands on Training on Python with real time application
2	Duration	40 Hours
3	Date	05/01/2022 to 15/01/2022
4	Batch Size	108
5	Learners (BE)	TE /BE

**Course Coordinator**



**Head of the Department**  
**Dept. of Mechanical Engineering**  
**ZES's Zeal College of Engineering**  
**& Research, Pune-411 041**



**DEPARTMENT OF MECHANICAL ENGINEERING**

**Contents:**

**Hands on Python Workshop with Real Time Applications(From Basics)**



Sr. No.	Day	Tentative Topics
1	Day1	<ul style="list-style-type: none"> <li>• Installation of tools and software (Anaconda Jupyter and Pycharm IDE)</li> <li>• Data types               <ul style="list-style-type: none"> <li>▪ Numbers</li> <li>▪ Strings</li> <li>▪ Printing</li> <li>▪ Lists</li> <li>▪ Dictionaries</li> <li>▪ Booleans</li> <li>▪ Tuples</li> <li>▪ Sets</li> </ul> </li> <li>• Comparison Operators</li> <li>• if, elif, else Statements</li> <li>• for Loops</li> <li>• while Loops</li> <li>• range()</li> <li>• list comprehension</li> <li>• functions</li> <li>• lambda expressions</li> <li>• map and filter</li> <li>• methods</li> <li>• Assignments and Evaluation</li> </ul>
2	Day2	Hands on Applications in Python <ul style="list-style-type: none"> <li>• Create an interactive Dictionary using JSON Data</li> <li>• Creating a Jarvis voice assistant to give commands to a computer</li> <li>• Create Web maps using python and folium for JSON data</li> <li>• File Handling applications</li> <li>• Assignments and Evaluation</li> </ul>
3	Day3	Hands on Applications in Python <ul style="list-style-type: none"> <li>• Create GUI using Tkinter in python</li> <li>• Develop games like snake game, color game, password generator, whats app smiley etc</li> <li>• Weather forecasting using python to read HTML data</li> <li>• Develop a DRS system in python for cricket match</li> <li>• Assignments and Evaluation</li> </ul>
4	Day4	Hands on Data Visualization and Statistic using Python (EDA) <ul style="list-style-type: none"> <li>• Numpy</li> <li>• Pandas</li> <li>• Assignments and Evaluation</li> </ul>





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5	Day5	Hands on Data Visualization and Statistic using Python (EDA) <ul style="list-style-type: none"><li>• Matplotlib</li><li>• Seaborn</li><li>• Pyttsx3</li><li>• Scikit-learn</li><li>• Assignments and Evaluation</li></ul>
6	Day6	Hands on Real Time Use Cases using Python <ul style="list-style-type: none"><li>• Data Visualization and Statistic use cases</li><li>• Hands on Real Time Zomato Restaurants Use case with Python</li></ul>
7	Day7	Hands Object Oriented Concepts Using Python <ul style="list-style-type: none"><li>• Classes</li><li>• Objects</li><li>• Inheritance</li><li>• Abstraction</li><li>• Polymorphism</li><li>• Hands on practical applications using Python</li></ul>
8	Day8	Hands on Database Connectivity using Python <ul style="list-style-type: none"><li>• Connectivity with MySQL Database</li><li>• Connectivity with NoSQL Database - MongoDB</li></ul>
9	Day9	Real Time Project Development using Python and Frameworks <ul style="list-style-type: none"><li>• Project Implementation for Flipkart Customer Reviews</li><li>• End to End Project</li><li>• Assignments and Evaluation</li></ul>
10	Day10	Practical Use of Python Skills using Real Time Projects <ul style="list-style-type: none"><li>• Introduction: Machine Learning, Deep Learning, Data Science, Artificial Intelligence</li><li>• Machine Learning Project: Creating a prediction Model using Python in Machine Learning</li><li>• Certification Preparation guide</li></ul>
11	Day 11	Real Time Projects

- Note: 1. Above are tentative contents  
2. More contents can be added upon availability of time  
3. If required 1 or 2 extra sessions can be scheduled

  
Course Coordinator



  
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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Notice (Hands on Training)**

Date: 25/12/2021

Department of Mechanical Engineering launching special hands on training program on “Python programming with real time Projects” for TE/BE students, from 05/01/2022 to 15/01/2022. The interested students can register to department before 01/01/2022.

Link and QR code for Registration: <https://forms.gle/iSycXBMMYnGW75ym6>



Course Coordinator



**Head of the Department  
Head of Department  
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Record No.: ZCOER-ACAD/R

Revision: 00

Date: 01/04/2021

**List of Participants**

SR	ROLL NO	NAME OF STUDENT	CLASS & DIVISION
1	T611018	GHUTKE RUTUJA DINESH	TE A
2	T624050	SHAIKH LUKMAN SHEMAHAMADRAFI	TE A
3	B613004	NIGADE ROHIT SHIVAJI	BE C
4	T613026	KHANDELWAL RITESH KIRAN	TE C
5	T613045	PATIL RAM VIDYADHAR	TE C
6	T612004	ABHISHEK RANGNATH BUDDE	TE B
7	T611010	DHANA VADE SUMEET TANAJI	TE A
8	T624049	SAVALE SOURABH PRAKASH	TE D
9	T612026	KAMBALE SUJIT MADHUKAR	TE D
10	T613049	SAINDANE HEMANSHU VINAYAK	TE C
11	T613039	PANCHAL OMKAR PANDHARINATH	TE C
12	T625004	BANSODE DINESH BHAGWAT	TE D
13	T611001	ADAMANE ABHAY NARAYAN	TE A
14	B613026	REKHALE PRASHANT SHRIMANT	TE C
15	T612039	NIUNGARE HARSHAL DASHRATH	TE B
16	T612055	WAGHMARE PRADIP SHANKAR	BE B
17	T612002	BHOSALE GOKUL UMESH	TE B
18	B625020	KHUSTULE TEJAS PRAVIN	BE E
19	T624041	NATH LAXMIKANT DHANESWAR	TE A
20	T613016	GANDHEWAR KARAN RAJENDRA	TE C
21	T624010	BIRAJDAR MAHESH CHANDRAKANT	TE D
22	T624039	MORE RAHUL POPAT	BE D
23	T612046	SHENDGE RAVI VYANKAT	TE B
24	B611007	BHALERAO SWAPNIL DAYANAND	BE B
25	T625044	VIJAY VIRBHADRA POTDAR	TE D
26	T624041	IJANTKAR OM JAYWANT	TE A
27	T624010	BIRAJDAR MAHESH CHANDRAKANT	TE D
28	T611028	KADAM SWANAND SADANAND	TE A
29	T612005	CHAUS FAIZAN HAMID	TE B
30	T624013	CHAVAN PRUTHVIRAJ ISWARLAL	TE D
31	T613056	VASAVE ROHIT DATTATRAY	TE C
32	T624017	DOLARE SAURABH TUKARAM	TE D
33	T625031	MAHAJAN RUTUJ SUDHAKAR	TE D





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36	B625019	KHANDAGALE KAILAS DATTA	BE E
37	B625024	KULKARNI AMOL PRADEEP	BE E
38	T613030	KORE ATISH TUKARAM	TE C
39	B625029	MAWAL TUSHAR SUBHASH	BE E
40	B625048	SUTAR OMKAR SHANKAR	BE E
41	T625029	ANKIT LINGAYAT	BE D
42	T625029	LINGAYAT ANKIT ARVIND	TE D
43	B612051	PAL ANAND ACHCHHELAL	BE B
44	B611050	NAGVANSHI	BE A
45	B625023	KUDALE PRANAV HEMANT	BE E
46	T612036	NAIK DIGAMBAR DATTATRAY	TE B
47	T625047	SAINDANE NEHA SUNIL	TE D
48	T624022	JAGTAP ADARSH GAJANAN	TE D
49	T625018	HANAMGHAR SOHAM DHANANJAY	TE D
50	T613010	DESHPANDE SANKET KESHAV	TE C
51	B612046	NAIK MOHD HAROON LATIF	BE B
52	B625041	SAURABH SUNIL RAUT	BE E
53	T613039	PENURKAR AJINKYA ARUN	TE A
54	T625004	SONAWANE ROHIT	TE C
55	B613005	PANDIT OMKAR SOMANATH	BE C
56	T613051	SAWANT SAURABH ARUN	TE C
57	B611021	FADALE ANIKET JAYESH	BE A
58	B611005	BARIDE PURUSHOTTAM RADHAKRISHNA	BE A
59	T625023	KODITKAR NIRANJAN GANESH	TE D
60	T625057	WAGH KAMLESH GOKUL	TE D
61	T624009	BHIL AJAY SUPADU	TE D
62	B612023	JAGTAP ABHISHEK RAJENDRA	BE B
63	B613012	SNEHA SUNIL PATIL	BE C
64	B625031	MORE SNEHAL ROHIDAS	BE E
65	T612012	DIXIT HARSHIT MAHENDRA	TE B
66	B625022	KOTWAL UMER	BE E
67	T611037	MHATRE TANVI PANDURANG	TE A





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SR	ROLL NO	NAME OF STUDENT	CLASS & DIVISION
68	T611036	MALUSARE AAKANKSHA NITIN	TE A
69	T611059	TIBHE OM DINESH	TE A
70	T612031	MALJI OMKAR SATISH	TE B
71	T612051	SONAWANE PRANAV RAJENDRA	TE B
72	T612041	PAWAR AJINKYA SADASHIV	TE B
73	T612032	MOHITE KANAKRAJ MAHESH	TE B
74	T612003	BIDGAR HRISHIKESH SHANKAR	TE B
75	T612004	BUDDE ABHISHEK RANGNATH	TE B
76	T613054	THORAT MANGESH AVINASH	TE C
77	T613031	LAMKHEDE JAGANNATH VITTHAL	TE C
78	T613001	BHANAGE RUTWIK RAMDAS	TE C
79	T611034	LOKHANDE PRAMOD MACHINDRA	TE A
80	B613041	TAWARE SWAPNIL VASANT	BE C
81	T612024	JAKNALE AJAY VENKAT	TE B
82	T613015	GAJARE GAURAV	TE C
83	T612034	MORE SAURABH SUHAS	TE B
84	T611031	KASBEKAR ROHIT DHONDIBA	TE A
85	T612018	GHODKE GAURAV RAJU	TE B
86	T611021	GOUD ONKAR ASHOK	TE A
87	T612007	CHAVAN RUTUJA SUNIL	TE B
88	T613037	NIPANE RUPESH ANAND	TE C
89	T613044	POL RUSHIKESH SHAHAJI	TE C
90	T611043	PNGARE KUNAL RAJENDRA	TE A
91	T613050	SATPUTE RUSHIKESH JAYWANT	TE C
92	T613018	GAYKE KIRAN RAMESH	TE C
93	T613027	KHAPARE GAURAV GANPAT	TE C
94	B613032	SHITOLE DHIRAJ PRAKASH	BE C
95	T612043	RANE ANISH NILESH	TE B
96	B611009	BHATTA KAILASH RUTWIK	TE A
97	T612048	RUSHIKESH NAVNATH SHINDE	TE B
98	B613013	PATIL VISHWAJEET MANIKRAO	BE C
99	B611029	KAKDE KUNDAN DILIP	TE A
100	T613018	PAWAR VAIBHAV PANTHARINATH	BE B
101	T613027	SHAIKH SAMIR AHEMAD	BE B







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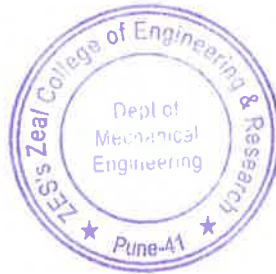
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SR	ROLL NO	NAME OF STUDENT	CLASS & DIVISION
102	T612003	DALVI SUSHIL SUHAS	BE B
103	T612004	CHAVAN VAISHNAVI SURESH	BE B
104	T613054	PHALKE JYOTI MANOHAR	BE B
105	T613031	LONDHE VAIBHAV SUDHAKAR	BE B
106	T613001	VICHARE PRADNYA PRASHANT	BE B
107	T612003	RITESH BHARAT GAIKWAD	BE E
108	B625028	MALEQUE ABDUL	BE E





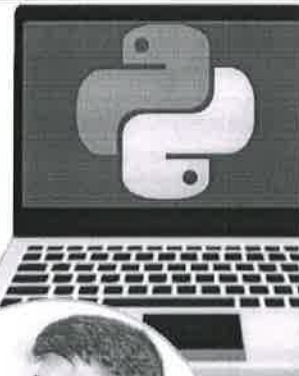
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**DEPARTMENT OF MECHANICAL ENGINEERING**



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**Mechanical Engineering Department**

# LEARN PYTHON PROGRAMMING

For TE and BE Mechanical Students



Trainer

**Er. Yogesh Murumkar**  
Director, Bharat Soft Solution, Pune

**10 Days  
Training**

**Fees  
₹500  
each**

**05/01/2022 to 15/01/2022**

**Platform : Microsoft Team**

#### Contents of the Training

- Installation of tools and softwares, Basics of Python
- Hands on Applications in Python
- Hands on Data Visualization and Statistic using Python (EDA)
- Hands on Real Time Use Cases using Python
- Hands Object Oriented Concepts Using Python
- Hands on Database Connectivity using Python
- Real Time Project Development using Python and Frameworks
- Practical Use of Python Skills using Real Time Projects

Faculty Coordinator : Prof. Akshay Karande + 918149217529

Certificates will be provided after  
successful completion of Training



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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Attendance details of Hands on Python Workshop**

**Academic Year: 2021-22**

**Semester: II**

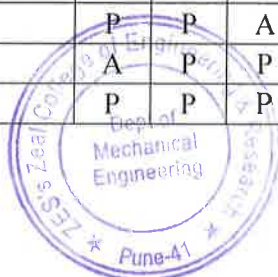
**Duration of Course: 40 Hours (05.01.22- 15.01.22)**

**Time: 6.00 pm to 9.00 pm**

**Date: 5/1/22 to 15/1/22**

**Mode: Online**

Sr.	Name	5 Jan	6 Jan	7 Jan	8 Jan	9 Jan	10 Jan	11 Jan	12 Jan	13 Jan	14 Jan	15 Jan
1	GHUTKE RUTUJA DINESH	P	P	A	A	P	P	P	P	P	A	P
2	SHAIKH LUKMAN S	A	P	P	P	P	P	P	P	P	A	P
3	NIGADE ROHIT SHIVAJI	P	P	P	P	P	P	A	A	A	P	P
4	KHANDELWAL RITESH KIRAN	A	P	P	P	P	P	P	P	A	P	P
5	PATIL RAM VIDYADHAR	P	P	A	A	P	P	P	P	P	A	P
6	ABHISHEK RANGNATH BUDDE	A	P	P	P	P	P	P	P	P	A	P
7	DHANA VADE SUMEET TANAJI	P	P	P	P	P	P	A	A	A	P	P
8	SAVALE SOURABH PRAKASH	A	P	P	P	P	P	P	P	A	P	P
9	KAMBALE SUJIT MADHUKAR	P	P	A	A	P	P	P	P	P	A	P
10	SAINDANE HEMANSHU VINAYAK	A	P	P	P	P	P	P	P	P	A	P
11	PANCHAL OMKAR PANDHARINATH	P	P	P	P	P	P	A	A	A	P	P
12	BANSODE DINESH BHAGWAT	A	P	P	P	P	P	P	P	A	P	P
13	ADAMANE ABHAY NARAYAN	P	P	A	A	P	P	P	P	P	A	P
14	REKHALE PRASHANT SHRIMANT	A	P	P	P	P	P	P	P	P	A	P
15	NIUNGARE HARSHAL DASHRATH	P	P	P	P	P	P	A	A	A	P	P
16	WAGHMARE PRADIP SHANKAR	A	P	P	P	P	P	P	P	A	P	P
17	BHOSALE GOKUL UMESH	P	P	A	A	P	P	P	P	P	A	P
18	KHUSTULE TEJAS PRAVIN	A	P	P	P	P	P	P	P	P	A	P
19	NATH LAXMIKANT DHANESWAR	P	P	P	P	P	P	A	A	A	P	P
20	GANDHEWAR KARAN RAJENDRA	A	P	P	P	P	P	P	P	A	P	P
21	BIRAJDAR MAHESH CHANDRAKANT	P	P	A	A	P	P	P	P	P	A	P
21	MORE RAHUL POPAT	A	P	P	P	P	P	P	P	P	A	P
22	SHENDGE RAVI VYANKAT	P	P	P	P	P	P	A	A	A	P	P
23	BHALERAO SWAPNIL DAYANAND	P	P	A	A	P	P	P	P	P	A	P
24	VIJAY VIRBHADRA POTDAR	A	P	P	P	P	P	P	P	P	A	P
25	IJANTKAR OM JAYWANT	P	P	P	P	P	P	A	A	A	P	P
26	BIRAJDAR MAHESH CHANDRAKANT	A	P	P	P	P	P	P	P	A	P	P
27	KADAM SWANAND SADANAND	P	P	A	A	P	P	P	P	P	A	P
28	CHAUS FAIZAN HAMID	A	P	P	P	P	P	P	P	P	A	P
29	CHAVAN PRUTHVIRAJ ISWARLAL	P	P	P	P	P	P	A	A	A	P	P
30	VASAVE ROHIT DATTATRAY	A	P	P	P	P	P	P	P	A	P	P
32	DOLARE SAURABH TUKARAM	P	P	A	A	P	P	P	P	P	A	P
32	MAHAJAN RUTUJ SUDHAKAR	A	P	P	P	P	P	P	P	P	A	P
33	GHUTKE RUTUJA DINESH	P	P	P	P	P	P	A	A	A	P	P





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**DEPARTMENT OF MECHANICAL ENGINEERING**

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34	GOLE SATYAM VIJAY	P	P	P	P	P	P	A	A	A	P	P
35	PACHHAPURE ABHISHEK RAJARAM	A	P	P	P	P	P	P	P	A	P	P
36	KHANDAGALE KAILAS DATTA	P	P	A	A	P	P	P	P	P	A	P
37	KULKARNI AMOL PRADEEP	P	P	A	A	P	P	P	P	P	A	P
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41	ANKIT LINGAYAT	P	P	A	A	P	P	P	P	P	A	P
42	LINGAYAT ANKIT ARVIND	A	P	P	P	P	P	P	P	P	A	P
43	PAL ANAND ACHCHHELAL	P	P	P	P	P	P	A	A	A	P	P
44	NAGVANSHI	A	P	P	P	P	P	P	P	A	P	P
45	KUDALE PRANAV HEMANT	P	P	P	P	P	P	A	A	A	P	P
46	NAIK DIGAMBAR DATTATRAY	A	P	P	P	P	P	P	P	A	P	P
47	SAINDANE NEHA SUNIL	P	P	A	A	P	P	P	P	P	A	P
48	JAGTAP ADARSH GAJANAN	A	P	P	P	P	P	P	P	P	A	P
49	HANAMGHAR SOHAM DHANANJAY	P	P	P	P	P	P	A	A	A	P	P
50	DESHPANDE SANKET KESHAV	A	P	P	P	P	P	P	P	A	P	P
51	NAIK MOHD HAROON LATIF	P	P	A	A	P	P	P	P	P	A	P
52	SAURABH SUNIL RAUT	A	P	P	P	P	P	P	P	P	A	P
53	PENURKAR AJINKYA ARUN	P	P	P	P	P	P	A	A	A	P	P
54	SONAWANE ROHIT	P	P	A	A	P	P	P	P	P	A	P
55	PANDIT OMKAR SOMANATH	A	P	P	P	P	P	P	P	P	A	P
56	SAWANT SAURABH ARUN	P	P	P	P	P	P	A	A	A	P	P
57	FADALE ANIKET JAYESH	A	P	P	P	P	P	P	P	A	P	P
58	BARIDE PURUSHOTTAM R	P	P	P	P	P	P	A	A	A	P	P
59	KODITKAR NIRANJAN GANESH	A	P	P	P	P	P	P	P	A	P	P
60	WAGH KAMLESH GOKUL	P	P	A	A	P	P	P	P	P	A	P
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63	SNEHA SUNIL PATIL	A	P	P	P	P	P	P	P	A	P	P
64	MORE SNEHAL ROHIDAS	P	P	A	A	P	P	P	P	P	A	P
65	DIXIT HARSHIT MAHENDRA	A	P	P	P	P	P	P	P	P	A	P
66	KOTWAL UMER	P	P	P	P	P	P	A	A	A	P	P



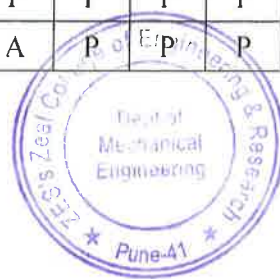


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Sr.	Name	5 Jan	6 Jan	7 Jan	8 Jan	9 Jan	10 Jan	11 Jan	12 Jan	13 Jan	14 Jan	15 Jan
67	MHATRE TANVI PANDURANG	P	P	P	P	P	P	A	A	A	P	P
68	MALUSARE AAKANKSHA NITIN	A	P	P	P	P	P	P	P	A	P	P
69	TIBHE OM DINESH	P	P	A	A	P	P	P	P	P	A	P
70	MALJI OMKAR SATISH	A	P	P	P	P	P	P	P	P	A	P
71	SONAWANE PRANAV RAJENDRA	P	P	P	P	P	P	A	A	A	P	P
72	PAWAR AJINKYA SADASHIV	A	P	P	P	P	P	P	P	A	P	P
73	MOHITE KANAKRAJ MAHESH	P	P	A	A	P	P	P	P	P	A	P
74	BIDGAR HRISHIKESH SHANKAR	A	P	P	P	P	P	P	P	P	A	P
75	BUDDE ABHISHEK RANGNATH	P	P	P	P	P	P	A	A	A	P	P
76	THORAT MANGESH AVINASH	P	P	A	A	P	P	P	P	P	A	P
77	LAMKHEDE JAGANNATH VITTHAL	A	P	P	P	P	P	P	P	P	A	P
78	BHANAGE RUTWIK RAMDAS	P	P	P	P	P	P	A	A	A	P	P
79	LOKHANDE PRAMOD MACHINDRA	A	P	P	P	P	P	P	P	A	P	P
80	TAWARE SWAPNIL VASANT	P	P	P	P	P	P	A	A	A	P	P
81	JAKNALE AJAY VENKAT	A	P	P	P	P	P	P	P	A	P	P
82	GAJARE GAURAV	P	P	A	A	P	P	P	P	P	A	P
83	MORE SAURABH SUHAS	A	P	P	P	P	P	P	P	P	A	P
84	KASBEKAR ROHIT DHONDIBA	P	P	P	P	P	P	A	A	A	P	P
85	GHODKE GAURAV RAJU	A	P	P	P	P	P	P	P	A	P	P
86	GOUD ONKAR ASHOK	P	P	A	A	P	P	P	P	P	A	P
87	CHAVAN RUTUJA SUNIL	A	P	P	P	P	P	P	P	P	A	P
88	NIPANE RUPESH ANAND	P	P	P	P	P	P	A	A	A	P	P
89	POL RUSHIKESH SHAHAJI	P	P	A	A	P	P	P	P	P	A	P
90	PNGARE KUNAL RAJENDRA	A	P	P	P	P	P	P	P	P	A	P
91	SATPUTE RUSHIKESH JAYWANT	P	P	P	P	P	P	A	A	A	P	P
92	GAYKE KIRAN RAMESH	A	P	P	P	P	P	P	P	A	P	P
93	KHAPARE GAURAV GANPAT	P	P	P	P	P	P	A	A	A	P	P
94	SHITOLE DHIRAJ PRAKASH	A	P	P	P	P	P	P	P	A	P	P
95	RANE ANISH NILESH	P	P	A	A	P	P	P	P	P	A	P
96	BHATTA KAILASH RUTWIK	A	P	P	P	P	P	P	P	P	A	P
97	RUSHIKESH NAVNATH SHINDE	P	P	P	P	P	P	A	A	A	P	P
98	PATIL VISHWAJEET MANIKRAO	A	P	P	P	P	P	P	P	A	P	P





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**DEPARTMENT OF MECHANICAL ENGINEERING**

Sr.	Name	5 Jan	6 Jan	7 Jan	8 Jan	9 Jan	10 Jan	11 Jan	12 Jan	13 Jan	14 Jan	15 Jan
99	KAKDE KUNDAN DILIP	P	P	P	P	P	P	A	A	A	P	P
100	PAWAR VAIBHAV PANTHARINATH	A	P	P	P	P	P	P	P	A	P	P
101	SHAIKH SAMIR AHMAD	P	P	A	A	P	P	P	P	P	A	P
102	DALVI SUSHIL SUHAS	A	P	P	P	P	P	P	P	P	A	P
103	CHAVAN VAISHNAVI SURESH	P	P	P	P	P	P	A	A	A	P	P
104	PHALKE JYOTI MANOHAR	A	P	P	P	P	P	P	P	A	P	P
105	LONDHE VAIBHAV SUDHAKAR	P	P	A	A	P	P	P	P	P	A	P
106	VICHARE PRADNYA PRASHANT	A	P	P	P	P	P	P	P	P	A	P
107	RITESH BHARAT GAIKWAD	P	P	P	P	P	P	A	A	A	P	P
108	MALEQUE ABDUL	P	P	A	A	P	P	P	P	P	A	P

  
Course Coordinator



  
Head of the Department  
Dept. of Mechanical Engineering  
ZES's Zeal College of Engineering  
& Research, Pune-411 041



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Record No.: ZCOER-ACAD/R39

Revision: 00

Date:01/04/2021

**Examination of Hands on Training on Python**

**Department: Mechanical**

**Semester: II**

**Academic Year: 2021-2022**

**Class and Div.: TE and BE**

**Date: 14/1/2022**

**Course: Hands on Training on Python**

**Maximum Marks: 50**

Question: With the understanding acquired during the workshop formulate a code block using the geo location operations to pin point sites with an inbuilt note technique to display archaeological data of various sites when clicked on the point of interest. Use functions blocks to construct the required data within 500 lines of code using the anaconda suite.

Marking Scheme

Project Completion: 30 Marks

Coding: 10 Marks

Viva: 10 Marks

  
Course Faculty





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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Evaluation details of Hands on Python Workshop**

**Academic Year: 2021-22**

**Duration of Course: 40 Hours (05.01.22- 15.01.22)**

**SEM-II**

Sr. No.	Name	Project completion (30)	Coding Skills (10)	Viva (10)	Total Marks (50)
1	GHUTKE RUTUJA DINESH	26	8	8	42
2	SHAIKH LUKMAN SHEMAHAMADRAFI	26	9	9	44
3	NIGADE ROHIT SHIVAJI	24	8	9	41
4	KHANDELWAL RITESH KIRAN	29	10	10	49
5	PATIL RAM VIDYADHAR	26	8	10	44
6	ABHISHEK RANGNATH BUDDE	30	9	7	46
7	DHANAVADE SUMEET TANAJI	24	10	9	43
8	SAVALE SOURABH PRAKASH	22	9	10	41
9	KAMBALE SUJIT MADHUKAR	26	10	8	44
10	SAINDANE HEMANSHU VINAYAK	23	10	9	42
11	PANCHAL OMKAR PANDHARINATH	30	9	10	49
12	BANSODE DINESH BHAGWAT	28	8	8	44
13	ADAMANE ABHAY NARAYAN	22	9	8	39
14	REKHALE PRASHANT SHRIMANT	29	10	9	48
15	NIUNGARE HARSHAL DASHRATH	24	8	9	41
16	WAGHMARE PRADIP SHANKAR	26	8	8	42
17	BHOSALE GOKUL UMESH	24	9	8	41
18	KHUSTULE TEJAS PRAVIN	23	9	7	39
19	NATH LAXMIKANT DHANESWAR	29	9	10	48
20	GANDHEWAR KARAN RAJENDRA	23	9	7	39
21	BIRAJDAR MAHESH CHANDRAKANT	25	9	8	42
21	MORE RAHUL POPAT	28	9	7	44
22	SHENDGE RAVI VYANKAT	24	10	9	43
23	BHALERAO SWAPNIL DAYANAND	23	8	8	39
24	VIJAY VIRBHADRA POTDAR	23	8	8	39
25	IJANTKAR OM JAYWANT	25	10	7	42
26	BIRAJDAR MAHESH CHANDRAKANT	30	10	9	49
27	KADAM SWANAND SADANAND	26	8	8	42
28	CHAUS FAIZAN HAMID	26	9	9	44
29	CHAVAN PRUTHVIRAJ ISWARLAL	29	9	10	48
30	VASAVE ROHIT DATTATRAY	23	9	7	39
32	DOLARE SAURABH TUKARAM	25	9	8	42
32	MAHAJAN RUTUJ SUDHAKAR	28	9	7	44
33	GHUTKE RUTUJA DINESH	24	10	9	43







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**DEPARTMENT OF MECHANICAL ENGINEERING**

Sr. No.	Name	Project completion (30)	Coding Skills (10)	Viva (10)	Total Marks (50)
34	GOLE SATYAM VIJAY	26	8	8	42
35	PACHHAPURE ABHISHEK RAJARAM	26	9	9	44
36	KHANDAGALE KAILAS DATTA	24	8	9	41
37	KULKARNI AMOL PRADEEP	29	10	10	49
38	KORE ATISH TUKARAM	26	8	10	44
39	MAWAL TUSHAR SUBHASH	30	9	7	46
40	SUTAR OMKAR SHANKAR	24	10	9	43
41	ANKIT LINGAYAT	22	9	10	41
42	LINGAYAT ANKIT ARVIND	26	10	8	44
43	PAL ANAND ACHCHHELAL	23	10	9	42
44	NAGVANSHI	30	9	10	49
45	KUDALE PRANAV HEMANT	28	8	8	44
46	NAIK DIGAMBAR DATTATRAY	22	9	8	39
47	SAINDANE NEHA SUNIL	29	10	9	48
48	JAGTAP ADARSH GAJANAN	24	8	9	41
49	HANAMGHAR SOHAM DHANANJAY	26	8	8	42
50	DESHPANDE SANKET KESHAV	24	9	8	41
51	NAIK MOHD HAROON LATIF	23	9	7	39
52	SAURABH SUNIL RAUT	29	9	10	48
53	PENURKAR AJINKYA ARUN	23	9	7	39
54	SONAWANE ROHIT	25	9	8	42
55	PANDIT OMKAR SOMANATH	28	9	7	44
56	SAWANT SAURABH ARUN	24	10	9	43
57	FADALE ANIKET JAYESH	23	8	8	39
58	BARIDE PURUSHOTTAM R	23	8	8	39
59	KODITKAR NIRANJAN GANESH	25	10	7	42
60	WAGH KAMLESH GOKUL	30	10	9	49
61	BHIL AJAY SUPADU	26	8	8	42
62	JAGTAP ABHISHEK RAJENDRA	26	9	9	44
63	SNEHA SUNIL PATIL	26	8	10	44
64	MORE SNEHAL ROHIDAS	30	9	7	46
65	DIXIT HARSHIT MAHENDRA	24	10	9	43
66	KOTWAL UMER	22	9	10	41





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**DEPARTMENT OF MECHANICAL ENGINEERING**

Sr. No.	Name	Project completion (30)	Coding Skills (10)	Viva (10)	Total Marks (50)
67	MHATRE TANVI PANDURANG	29	10	9	48
68	MALUSARE AAKANKSHA NITIN	28	9	8	45
69	TIBHE OM DINESH	28	8	8	44
70	MALJI OMKAR SATISH	30	10	8	48
71	SONAWANE PRANAV RAJENDRA	28	10	7	45
72	PAWAR AJINKYA SADASHIV	30	8	9	47
73	MOHITE KANAKRAJ MAHESH	30	8	10	48
74	BIDGAR HRISHIKESH SHANKAR	30	8	9	47
75	BUDDE ABHISHEK RANGNATH	30	7	8	45
76	THORAT MANGESH AVINASH	29	7	8	44
77	LAMKHEDE JAGANNATH VITTHAL	29	10	6	45
78	BHANAGE RUTWIK RAMDAS	29	10	9	48
79	LOKHANDE PRAMOD MACHINDRA	29	8	10	47
80	TAWARE SWAPNIL VASANT	28	7	7	42
81	JAKNALE AJAY VENKAT	30	9	9	48
82	GAJARE GAURAV	29	9	9	47
83	MORE SAURABH SUHAS	29	9	9	47
84	KASBEKAR ROHIT DHONDIBA	28	7	7	42
85	GHODKE GAURAV RAJU	29	10	7	46
86	GOUD ONKAR ASHOK	28	7	7	42
87	CHAVAN RUTUJA SUNIL	29	9	10	48
88	NIPANE RUPESH ANAND	28	9	10	47
89	POL RUSHIKESH SHAHAJI	29	7	6	42
90	PNGARE KUNAL RAJENDRA	29	10	9	48
91	SATPUTE RUSHIKESH JAYWANT	28	9	8	45
92	GAYKE KIRAN RAMESH	28	8	8	44
93	KHAPARE GAURAV GANPAT	30	10	8	48
94	SHITOLE DHIRAJ PRAKASH	28	10	7	45
95	RANE ANISH NILESH	30	8	9	47
96	BHATTA KAILASH RUTWIK	30	8	10	48
97	RUSHIKESH NAVNATH SHINDE	30	8	9	47
98	PATIL VISHWAJEET MANIKRAO	30	7	8	45





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**DEPARTMENT OF MECHANICAL ENGINEERING**

Sr. No.	Name	Project completion (30)	Coding Skills (10)	Viva (10)	Total Marks (50)
99	KAKDE KUNDAN DILIP	26	8	8	42
100	PAWAR VAIBHAV PANTHARINATH	26	9	9	44
101	SHAIKH SAMIR AHMAD	24	8	9	41
102	DALVI SUSHIL SUHAS	29	10	10	49
103	CHAVAN VAISHNAVI SURESH	26	8	10	44
104	PHALKE JYOTI MANOHAR	30	9	7	46
105	LONDHE VAIBHAV SUDHAKAR	24	10	9	43
106	VICHARE PRADNYA PRASHANT	22	9	10	41
107	RITESH BHARAT GAIKWAD	26	10	8	44
108	MALEQUE ABDUL	23	10	9	42

  
**Course Coordinator**



  
**Head of the Department**

**Head of Department**  
Dept. of Mechanical Engineering  
ZES's Zeal College of Engineering  
& Research, Pune-411 041



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Record No.: ZCOER-ACAD/R

Revision: 00

Date: 01/04/2021

**Event Report**

**Department: Mechanical  
Class: TE and BE**

**Semester: I/II  
Div.: All**

**Academic Year: 2021- 22  
Date: 07/05/2022**

To,  
**The Principal  
ZCOER, Pune**

Subject: Event report Global Certification Workshop on Python.

Respected Sir,

For enhancing the understanding of students about Python Language we planned Global Certification Workshop on Python. We all are aware that we are moving in digital era. To sustain in this changing scenario of digitization and automation (Which is not cup of tea of Mechanical engineering student), we need to adapt latest technologies. The best suitable expert was identified for this session and the details are as given below.

<b>Name of Expert:</b>	Er.Yogesh Murumkar
<b>Designation:</b>	Director
<b>Organization:</b>	Bharat Soft Solution, Pune
<b>Experience:</b>	11 years
<b>Date:</b>	5th- 15th January 2022
<b>Time and Duration:</b>	10 days
<b>No of Students Enrolled :</b>	108

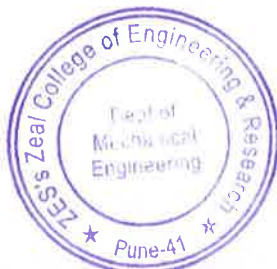
Sir, I wish to inform you that workshop was great success. Students thoroughly learned Python from basics and appreciated efforts taken by Recourse person and Mechanical Department.

Thanking You

Prof. Karande A.V.  
Course Faculty

Prof. Adewar S.S.  
Academic coordinator

Prof. Godase S.M.  
Head of Department  
Head of Department  
Dept. of Mechanical Engineering  
ZES's Zeal College of Engineering  
& Research, Pune-411 041





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# ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE

**Department of Mechanical Engineering**

## CERTIFICATE OF COMPLETION

**KADAM SWANAND SADANAND (TE A)**

has attended the 10 Days workshop on  
"Hand on training on Using Python" from 05th Jan 2022 to 15th Jan 2022 and completed an assignment on  
Real Time Project Development using Python and Frameworks organised jointly by the  
Mechanical Engineering Department & Bharat Soft Solution Pune.



**Mr. Yogesh Murumkar**  
Director  
Bharat Soft Solution Pune

**Prof. S. M. Godase**  
HOD, Mechanical Engineering  
ZCOER, Pune

**Dr. A. M. Kate**  
Principal,  
ZCOER, Pune

**Prof. U. S. Shid**  
Director,  
Academic, Administration & Admissions,  
ZES, Narhe Campus, Pune



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# ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE

Department of Mechanical Engineering

## CERTIFICATE OF COMPLETION

**RANE ANISH NILESH (TE B)**

has attended the 10 Days workshop on

“ Hand on training on Using Python” from 05th Jan 2022 to 15th Jan 2022 and completed an assignment on Real Time Project Development using Python and Frameworks organised jointly by the Mechanical Engineering Department & Bharat Soft Solution Pune.

**Mr. Yogesh Murumkar**  
Director  
Bharat Soft Solution Pune

**Prof. S. M. Godase**  
HOD, Mechanical Engineering  
ZCOER, Pune

**Dr. A. M. Kate**  
Principal,  
ZCOER, Pune

**Prof. U. S. Shid**  
Director,  
Academic, Administration & Admissions  
ZES, Narhe Campus, Pune



# Hands on Python Workshop with Real time applications

108 responses

Publish analytics

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Rane Anish Nilesh

Bhatta Kailash Rutwik

Rushikesh Navnath Shinde

Patil Vishwajeet Manikrao

Kakde Kundan Dilip

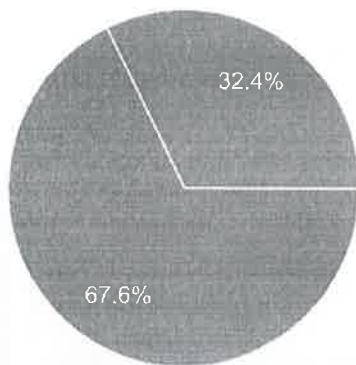
Pawar Vaibhav Pantharinath

8 more responses are hidden

### Select Class

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108 responses

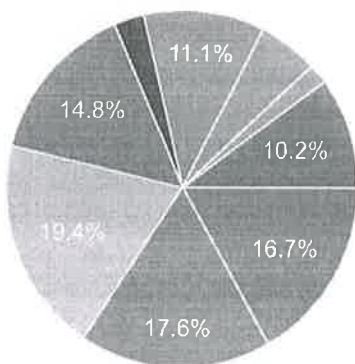


- TE
- BE

### Select Division

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108 responses



- TE A
- TE B
- TE C
- TE D
- BE A
- BE B
- BE C
- BE D
- BE E

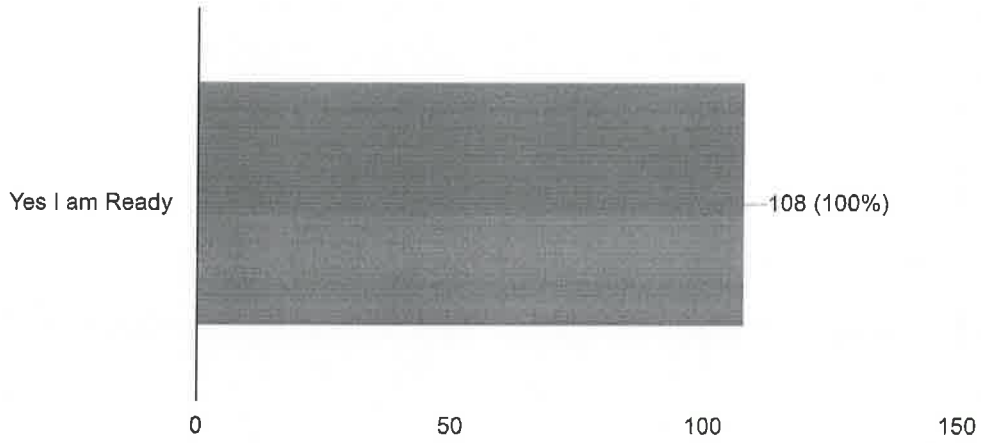




I accept all terms and conditions and ready to participate in workshop.



108 responses



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