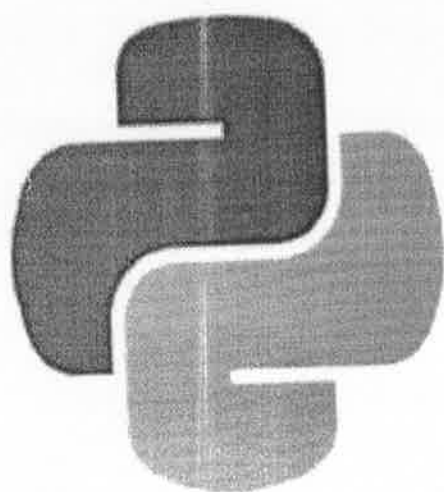


TECHNOLOGY TRAINING

ON



python
Programming

RESOURCE PERSON

Mr. S. PRATHEEP

Instructor

CADD Technologies School of Design Pvt Ltd
Coimbatore

06.06.2022

TO

14.06.2022

Faculty Coordinator

Mr. U. Karthick

Assistant Professor

Mechanical Engineering



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Dindigul – Palani Highway, Dindigul – 624 002

Department of Mechanical Engineering

TECHNOLOGY TRAINING ON PYTHON PROGRAMMING

STUDENT NAME LIST

Year / Sem / Sec: II / IV / A Sec

Academic Year: 2021-2022 (EVEN)

S.NO	REG NO	NAME
1	922120114001	ABDUL HARSHATH A
2	922120114002	ARISHRAJAN I
3	922120114003	ARUN KUMAR G
4	922120114004	BALAMURUGAN S
5	922120114005	DANUSHMANI S
6	922120114006	DINESH S
7	922120114007	EDISON S
8	922120114008	JAIKUMAR PANDIAN J
9	922120114009	JOHNSON M
10	922120114010	KARTHICK D
11	922120114011	KARTHICK RAJA R
12	922120114012	KARTHIKEYAN N
13	922120114013	LAKSHMI N
14	922120114014	MANIKANDAN G
15	922120114015	MOHAMED RIAZ S
16	922120114016	MUTHU PRAKALATHAN V
17	922120114017	MUTHU SANTHOSH M.S
18	922120114301	ABDULHATHI A
19	922120114302	ABISHEK N
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22	922120114305	BOMMURAJ K
23	922120114306	DEVAPRAKASH N
24	922120114308	DHIWAKAR C
25	922120114309	HARIHARASUDHAN M
26	922120114310	HARI PRASAD S
27	922120114311	KARTHICK S
28	922120114312	KAVINRAJ P
29	922120114313	KOWSHIK BALAJI S

U.147
Staff i/c
02/06/2022

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HoD/ MECH
02/06/2022



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Department of Mechanical Engineering TECHNOLOGY TRAINING ON PYTHON PROGRAMMING STUDENT NAME LIST

Year / Sem / Sec: II / IV / B Sec

Academic Year: 2021-2022 (Even Sem)

S.NO	REG NO	NAME
1	922120114018	NAWFUL GHIYAS M
2	922120114019	NITHESH S
3	922120114020	NITHIS KUMAR J
4	922120114021	PRABAKARAN M
5	922120114022	RAJARAJESHWARAN S
6	922120114023	RAJASEKARAN V
7	922120114024	RAJESH B
8	922120114025	SANJAY KUMAR S
9	922120114026	SANMUGAPANDI M
10	922120114027	SANTHOSH KUMAR M
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15	922120114032	VASANTH R
16	922120114033	VIDYASARAN P
17	922120114314	LOKESH VARMA D
18	922120114316	MAUREESH K V R
19	922120114317	NAVIN JOE J
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1. Introduction:

The Python Programming training was conducted on [06.06.2022 to 14.06.2022] at C-205 CAD Lab. The objective of the training was to equip participants with essential skills and knowledge in Python programming, covering both fundamental concepts and advanced topics.

2. Training Objectives:

- ✓ The primary objectives of the training were as follows:
- ✓ Provide a comprehensive understanding of Python programming language.
- ✓ Equip participants with practical skills in Python development.
- ✓ Introduce participants to best practices and coding conventions in Python.
- ✓ Explore advanced topics such as data manipulation, web development, and automation using Python.

3. Training Agenda:

The training agenda was designed to cover a wide range of topics, catering to participants with varying levels of experience in Python. The key sessions included:

- ✓ Introduction to Python: Basics and Syntax
- ✓ Data Types and Structures in Python
- ✓ Functions and Modules
- ✓ Object-Oriented Programming (OOP) in Python
- ✓ File Handling and Exception Handling
- ✓ Introduction to Python Libraries (e.g., NumPy, Pandas)
- ✓ Web Development with Flask
- ✓ Automation and Scripting
- ✓ Best Practices and Coding Standards

4. Training Methodology:

The training employed a mix of lectures, hands-on coding exercises, and real-world projects to ensure a comprehensive learning experience. Participants were encouraged to actively engage in coding exercises and collaborative projects, fostering a practical understanding of Python concepts.

5. Training Resources:

Participants were provided with a comprehensive training manual containing lecture notes, code samples, and references to online resources. Additionally, access to relevant Python documentation, tutorials, and recommended reading materials was made available to support self-paced learning.

6. Trainer Profile:

Mr. S. Pratheep, the distinguished professional who conducted the training, is an individual of considerable expertise and experience in the realm of Python development. His background as an experienced Python developer has equipped him with a wealth of knowledge and practical insights that he seamlessly integrated into the training program.

As an accomplished practitioner in the field, Mr. Pratheep possesses a deep understanding of the intricacies of Python programming. This expertise was evident throughout the training sessions, where he not only elucidated theoretical concepts but also enriched the learning experience by weaving in real-world examples. By drawing upon his own experiences and showcasing practical applications of Python in various scenarios, Mr. Pratheep bridged the gap between theory and practical implementation.

The inclusion of real-world examples served to illustrate the relevance and applicability of Python in professional settings. Participants were not only exposed to the syntax and constructs of the language but were also guided through the thought processes and problem-solving approaches employed by an industry expert. This methodology not only facilitated a more profound understanding of Python but also inspired a sense of confidence among the participants, knowing that they were learning from someone with hands-on experience in the field.

7. Participant Feedback:

Feedback from participants was overwhelmingly positive. Participants expressed satisfaction with the clarity of explanations, the relevance of the topics covered, and the hands-on nature of the training. Many highlighted the practical projects as particularly beneficial in applying their newfound Python skills.

8. Challenges and Solutions:

While the training was overall successful, some participants faced challenges in grasping certain advanced concepts. To address this, additional one-on-one sessions were arranged, and supplementary materials were provided to support individual learning needs.

9. Recommendations:

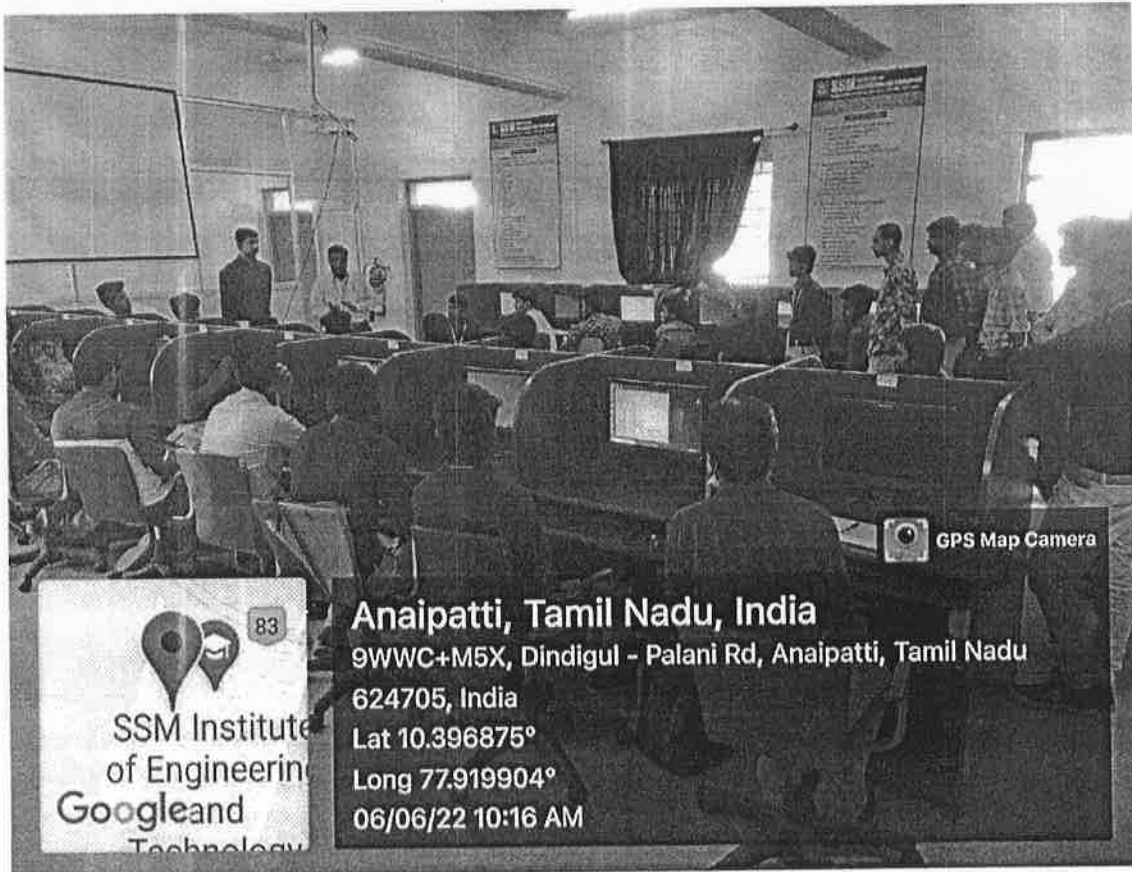
- ✓ Based on the feedback and observations, the following recommendations are made for future Python programming training sessions:
- ✓ Incorporate more advanced projects to challenge participants and deepen their understanding.
- ✓ Provide access to a dedicated online forum or community for post-training support and networking.
- ✓ Consider extending the training duration to allow for more in-depth exploration of advanced topics.

10. Conclusion:

The Python Programming training proved to be a valuable learning experience for participants, equipping them with practical skills and knowledge applicable to various domains. The success of the training highlights the growing demand for Python proficiency in the technology industry.

Glimpses of Technology Training





Anaipatti, Tamil Nadu, India

9WWC+M5X, Dindigul - Palani Rd, Anaipatti, Tamil Nadu

624705, India

Lat 10.396875°

Long 77.919904°

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DEPARTMENT OF MECHANICAL ENGINEERING

Student Name: J. Navin Joe
Department: MECHANICAL
Year / Section: 1st year - B'
Subject: Python Programming



Answer all the questions.

1. Which is not a feature of Python language?
 - A. Interpreted language.
 - B. Portable
 - C. High level language
 - ☒ D. Case Insensitive
2. Python is a object-oriented programming language.
 - A. Special purpose
 - ☒ B. General purpose
 - C. Medium level programming language
 - D. All of the mentioned above
3. What is the output in python language?
Round (.4)-Round (-.5)
 - A. 0
 - ☒ B. 1
 - C. 2
 - D. 9
4. Which are the application areas of Python programming?
 - A. Web Development
 - B. Game Development
 - C. Artificial Intelligence and Machine Learning
 - ☒ D. All of the above
5. What is output in python?
`print(r"\nhi")`
 - A. hi
 - B. new line and hi
 - C. error
 - ☒ D. \nhi
6. What is output for below code?

```
a=2
b=3
print(a,b)
a,b=b,a
print(a,b)
```



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- ☒ B. 23 32
C. 32 32
D. None of Above
7. Which types of logical operators in Python?
A. AND
B. OR
C. NOT
☒ D. All of the above
8. What is the name of the operator ** in Python?
A. Exponentiation
B. Modulus
C. Floor division
D. None of the these
9. What is the extension of Python Program?
A. .execute python
B. .python
☒ C. .py
D. .run python
10. What is the maximum possible length of an identifier?
A. 31 characters
☒ B. 63 characters
C. 79 characters
D. 69 characters
11. Python Dictionary is used to store the data in
A. Key value pair
B. set value pair
C. tuple value pair
☒ D. None of the above
12. Single line comment in python?
A. ✓
☒ B. //
C. #
D. !
13. What is the output of below code?
`print(2**3 + (2+ 6)**(1 + 1))`
☒ A. 72
B. 18
C. 22
D. None of Above



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14. Which arithmetic operators can not use with strings?
☒ A. -
☐ B. +
☐ C. *
☐ D. None of them
15. In Python, the break and continue statements, together which are called....
☒ A. Jump
☐ B. goto
☐ C. compound
☐ D. break
16. What is the data type of following object?
A=[5,'abc',3,2,6]
☐ A. Tuple
☐ B. Array
☒ C. List
☐ D. Dictionary
17. _____ immediately terminates a loop entirely.
☒ A. Break
☐ B. Continue
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18. Identity the correct function header.
☐ A. def fun(a=2,b=3,c)
☐ B. def fun(a=2,b,c=3)
☒ C. def fun (a,b=2,c=3)
☐ D. def fun(a,b,c=3,d)
19. In which language is Python written?
☒ A. C
☐ B. C++
☐ C. Java
☐ D. None of these
20. What is the full form of CSV?
☐ A. Comma Separation Value
☐ B. Comma Separated Variable
☒ C. Comma Separated Values
☐ D. Common Syntax Value



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DEPARTMENT OF MECHANICAL ENGINEERING

Student Name: *M. Sanmugapandi*

Department: *Mechanical*

Year / Section: *II - B*

Subject: **Python Programming**

16
20 *ky*

Answer all the questions.

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Department of Mechanical Engineering

TECHNOLOGY TRAINING ON PYTHON PROGRAMMING

Mark Statement

Year / Sem / Sec: II / IV / A & B Sec

Academic Year: 2021-2022 (Even Sem)

S.No.	Reg.no.	Student Name	Marks (20)	Percentage
1.	922120114001	ABDUL HARSHATH A	18	90
2.	922120114002	ARISHRAJAN I	17	85
3.	922120114003	ARUN KUMAR G	16	80
4.	922120114004	BALAMURUGAN S	17	85
5.	922120114005	DANUSHMANI S	16	80
6.	922120114006	DINESH S	16	80
7.	922120114007	EDISON S	17	85
8.	922120114008	JAIKUMAR PANDIAN J	19	95
9.	922120114009	JOHNSON M	17	85
10.	922120114010	KARTHICK D	15	75
11.	922120114011	KARTHICK RAJA R	16	80
12.	922120114012	KARTHIKEYAN N	17	85
13.	922120114013	LAKSHMI N	20	100
14.	922120114014	MANIKANDAN G	15	75
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28.	922120114028	SARAVANA PANDI P	17	85
29.	922120114029	SIVARAMAN S	20	100
30.	922120114030	SUGAN B	20	100
31.	922120114031	TAMIL SELVAN S	20	100
32.	922120114032	VASANTH R	19	95
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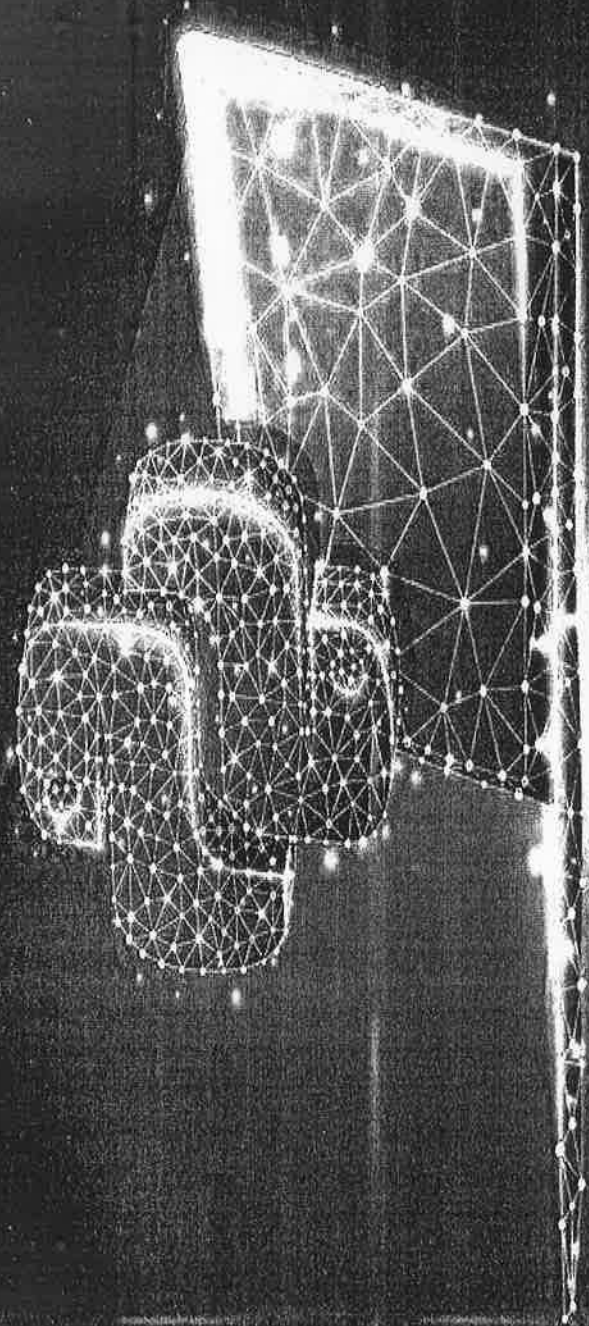
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34.	922120114301	ABDULHATHI A	15	75
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57.	922120114326	VENGADESH V	18	90
58.	922120114327	VISHVA G	16	80

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Course Title

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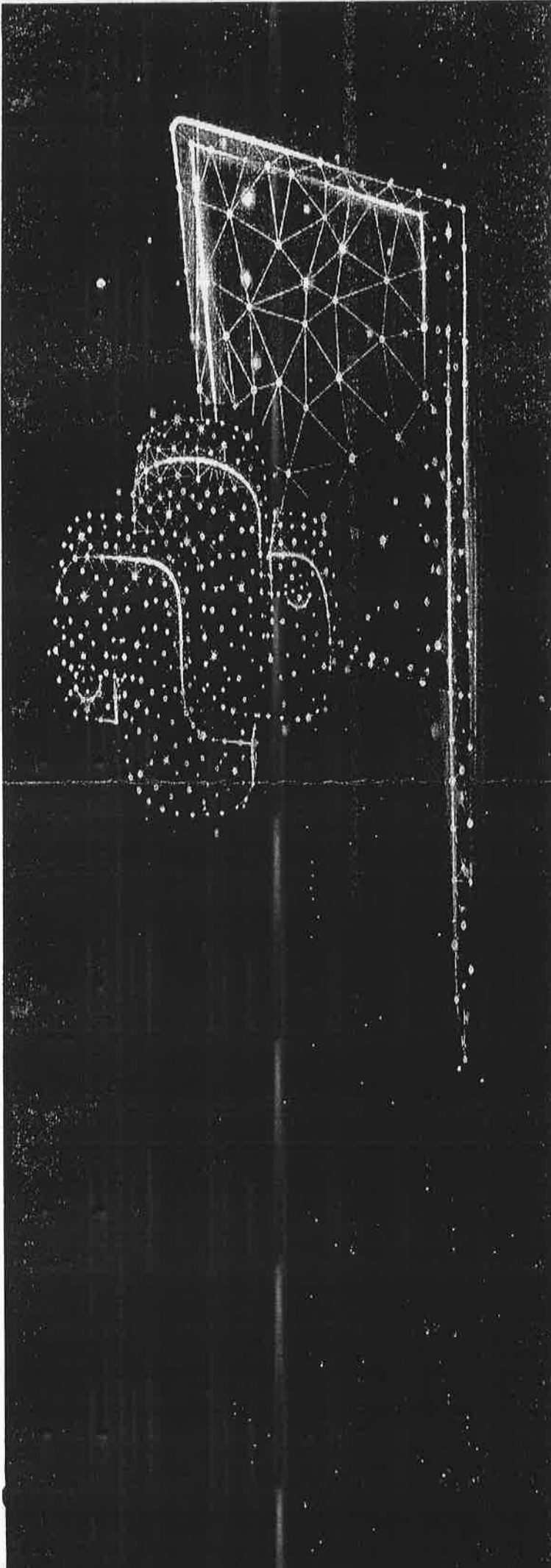
PRATHEEP S
Instructor

14/06/2022
Date

30 Hours
Course Duration

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RAMKUMAR P R
Name

PYTHON
Course Title

PYTHON
Product

PRATHEEP S
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7. How would you rate the accuracy of the course content?

- ☒ Very accurate
- ☐ Accurate
- ☐ Neutral
- ☐ Inaccurate

8. How would you rate the organization of the course content?

- ☒ Very well organized
- ☐ Well organized
- ☐ Neutral
- ☐ Poorly organized

9. How would you rate the difficulty of the course content?

- ☐ Difficult
- ☐ Neutral
- ☐ Easy
- ☒ Too easy

10. How would you rate the overall classroom environment?

- ☐ Very conducive to learning
- ☐ Conducive to learning
- ☒ Neutral
- ☐ Not conducive to learning

11. How would you rate the availability of resources and support for learning?

- ☒ Very good
- ☐ Good
- ☐ Neutral
- ☐ Poor

12. How would you rate the opportunities for interaction and collaboration with other students?

- ☒ Very good
- ☐ Good
- ☐ Neutral
- ☐ Poor

13. Any Suggestions/comments to improve:

It was good one. We need further
Practical classes in this Programme.


Student Signature with Name

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LOKESH VARMA D
Name

PYTHON
Course Title

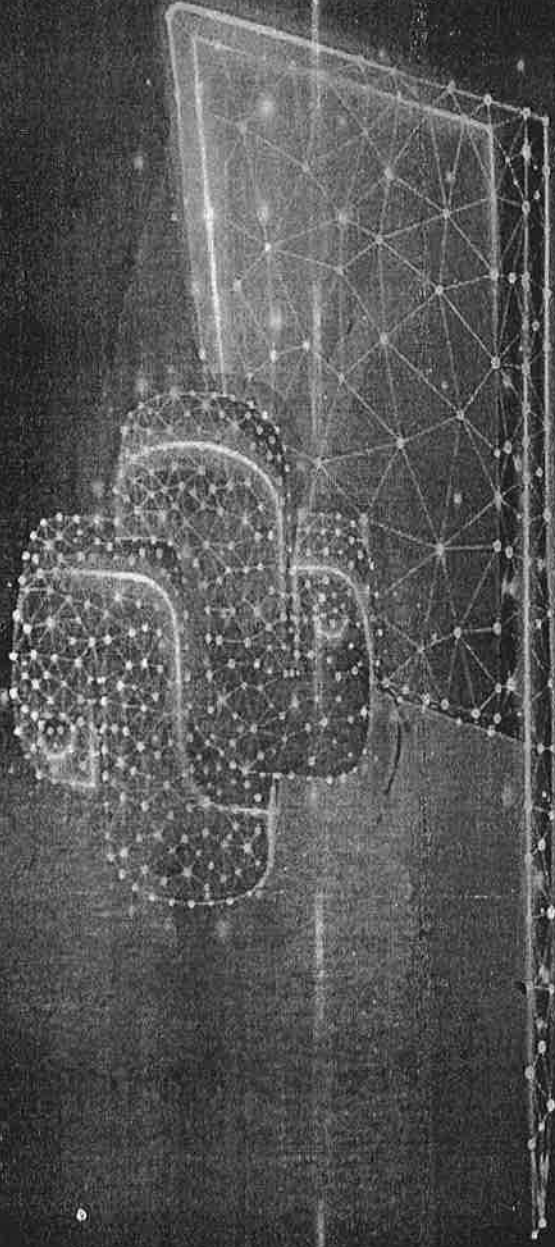
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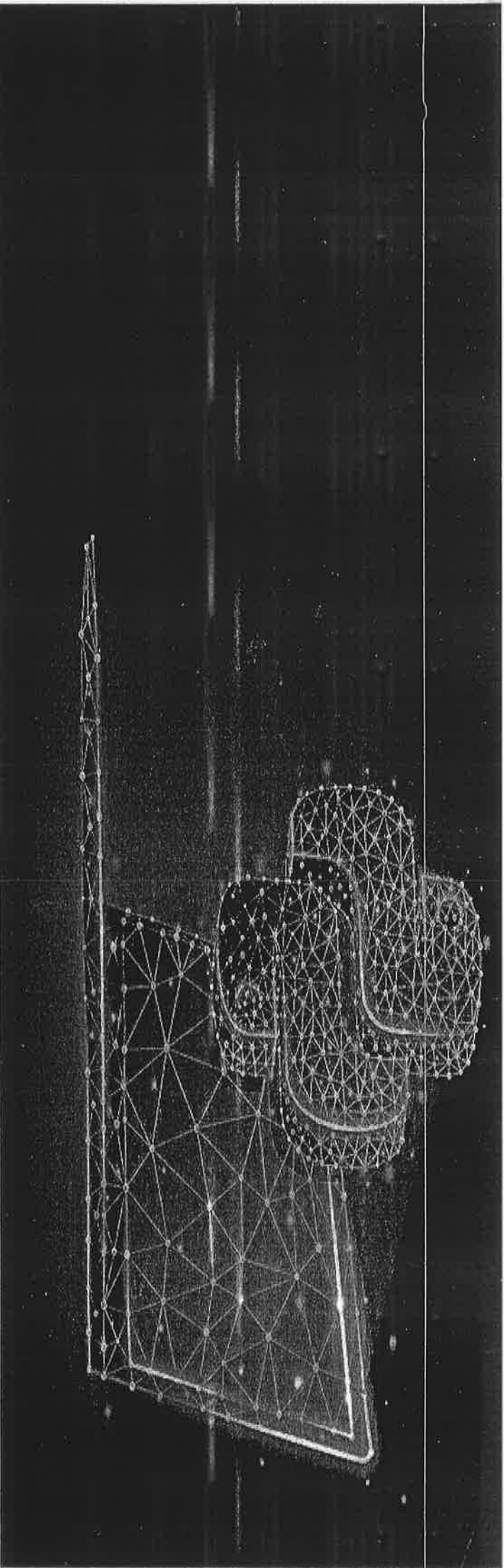
Name.....**KARTHICK RAJA R**.....

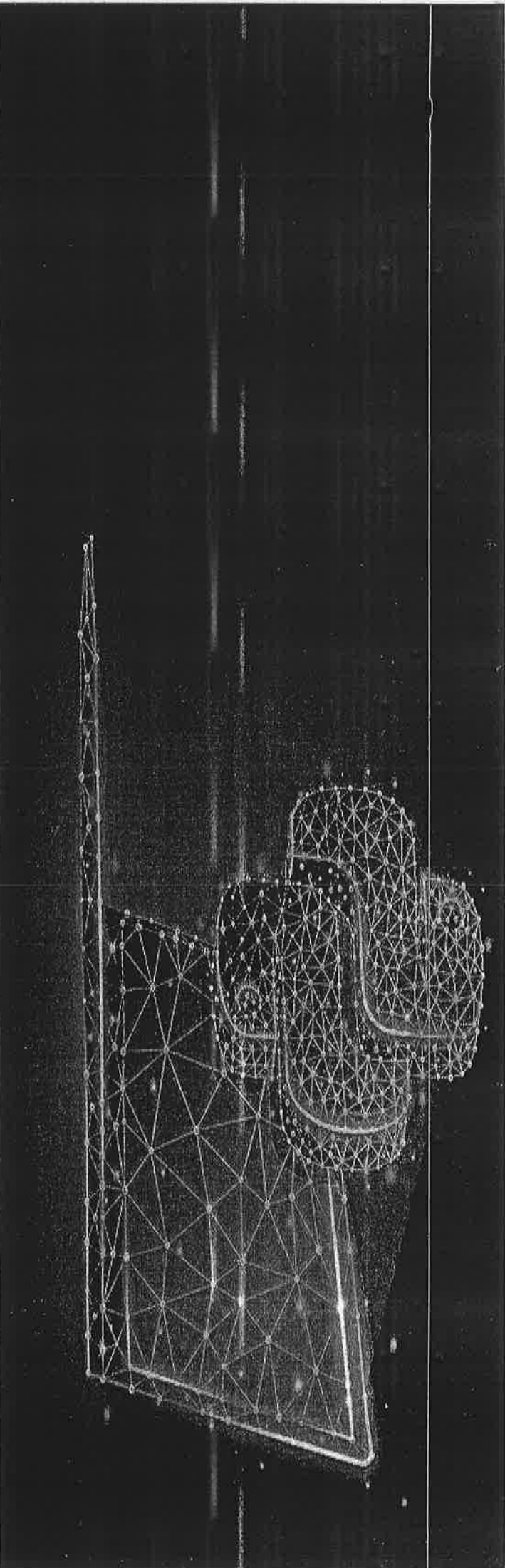
PYTHON.....**PYTHON**.....
Course Title.....Product

PRATHEEP S.....**14/06/2022**.....**30 Hours**.....
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VENGADESH V
Name

PYTHON
Course Title

PYTHON
Product

PRATHEEP S
Instructor

14/06/2022
Date

30 Hours
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