

Report  
on  
Two Days Workshop  
On  
“Python Programming for Computer Engineers”  
From 13th November 2024 (Wednesday) to  
14th November 2024 (Thursday)

By

Dr. P. Ram Mohan Rao Associate Professor in the  
Department of Computer Science and Engineering at  
Sphoorthy Engineering College, Hyderabad



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**Invitation to conduct a Python Programming Workshop for ECM students -Reg**

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From HOD ECM <hodecm@jbiet.edu.in>  
Date Tue 11/12/2024 11:24 AM  
To rammohan04@gmail.com <rammohan04@gmail.com>  
Cc Dr. P.C. Krishnamachary <principal@jbiet.edu.in>

Dear sir,

On behalf of the Department of Electronics and Computer Engineering (ECM) at JBIET, I would like to extend a formal invitation to conduct a Python Programming Workshop for our 3<sup>rd</sup> year ECM students . Given your esteemed expertise in Python Programming, and your significant contributions to field , we believe that your insights would greatly benefit our students and help them develop critical programming skills that are essential for their academic and professional success.

**Workshop Details : Python Programming**

**Proposed Date: 13<sup>th</sup> and 14<sup>th</sup> November,2024**

**Proposed Time: 10.00AM to 4.00PM**

We would be thrilled to have you as the workshop facilitator and look forward to the possible of collaborating on this exciting educational opportunity.

Thank you for considering or request and we eagerly await your positive response.

*Thanks & Regards*

*Dr.Narsappa Reddy, Associate Professor,  
HOD ECM Department,  
J.B Institute of Engineering & Technology,  
Bhasker Nagar.  
Ph.No: 9030721667*



**J.B. INSTITUTE OF ENGINEERING AND TECHNOLOGY  
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Hyderabad)  
Yenkapally (V), Moinabad (M), P.O. Himayat Nagar, RR District, Hyderabad 500075

Date: 12.11.2024

**Department of Electronics and Computer Engineering (ECM)**

**Circular**

All the ECM III year I Sem students are hereby informed that the Two days workshop on "**Python Programming for Computer Engineers**" is organising on 13.11.2024 and 14.11.2024 at 10.00AM to 04.00pm by Dr. P. Ram Mohan Rao Professor Department of CSE, Spoorthy Engineering College HYDERABAD in M-115 CSE Lab.

**Hence you are all instructed to attend the workshop without fail.**

**HOD ECM**



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Yenkapally (Vi), Moinabad (M). P.O. Himayat Nagar, RR District, Hyderabad 500075

### **Department of Electronics and Computer Engineering**

**Academic Year: 2024-25**

Date: 30.10.2024

### **Two days workshop On Python Programming for Computer Engineers**

Department of Electronics and Computer Engineering, JBIET organized Two days workshop on **"Python Programming for Computer Engineers"** by **Dr. P. Ram Mohan Rao** Associate Professor in the Department of Computer Science and Engineering at **Sphoorthy Engineering College, Hyderabad** for 3<sup>rd</sup> year students of Electronics and Computer Engineering(ECM) Department From 13th November 2024 (Wednesday) to 14th November 2024 (Thursday) in M-115 lab (CSE Lab), JBIET. 44 students participated in the workshop.

**Objectives of Workshop:**

The 2-day workshop on python programming was organized with an objective to impart

- Hands on training on object oriented programming concepts
- Python programming constructs
- Important python libraries specific to data science and machine learning

As part of this workshop the participants both the students and staff will be able to understand the importance of Object Oriented Programming (OOP) and apply python programming to develop projects related to web applications, data science and machine learning.

## Dr. P.RAM MOHAN RAO, M. tech, PhD (CSE)

Dr. P. Ram Mohan Rao has 20 years of experience in engineering education and is currently serving as an Associate Professor in the Department of Computer Science and Engineering at Sphoorthy Engineering College, Hyderabad. He holds a master's degree in Computer Science from JNTU Hyderabad and completed his Ph.D. in Computer Science Engineering at JNTU Anantapur.

Dr. Rao's research interests encompass Data Privacy, Big Data Analytics, and Cyber Security. He has taught a broad range of subjects, demonstrating expertise in Computer Organization, Databases, C Programming, Object-Oriented Programming with Java and Python, Machine Learning, Deep Learning, Computer Networks, Operating Systems, and Distributed Systems.

With approximately 17 international publications in prestigious journals, including Springer and Elsevier, Dr. Rao has an h-index of 5. Additionally, he is well-versed in Outcome-Based Education (OBE) and has delivered over 25 expert lectures on the subject.





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Yenikapally (Vi), Madinabad(M), P.O. Hissayut Nagar, RR District, Hyderabad 500075

**Department of Electronics and Computer  
Engineering (ECM)**

**Workshop  
on**

**Python Programming for Computer Engineers**

**By**

**Dr. Ram Mohan Rao Associate Professor Department of CSE,  
Spoorthy Engineering College HYDERABAD**

**13<sup>th</sup> - 14<sup>th</sup> November-2024**

**Venue:M-115 Computer Lab**



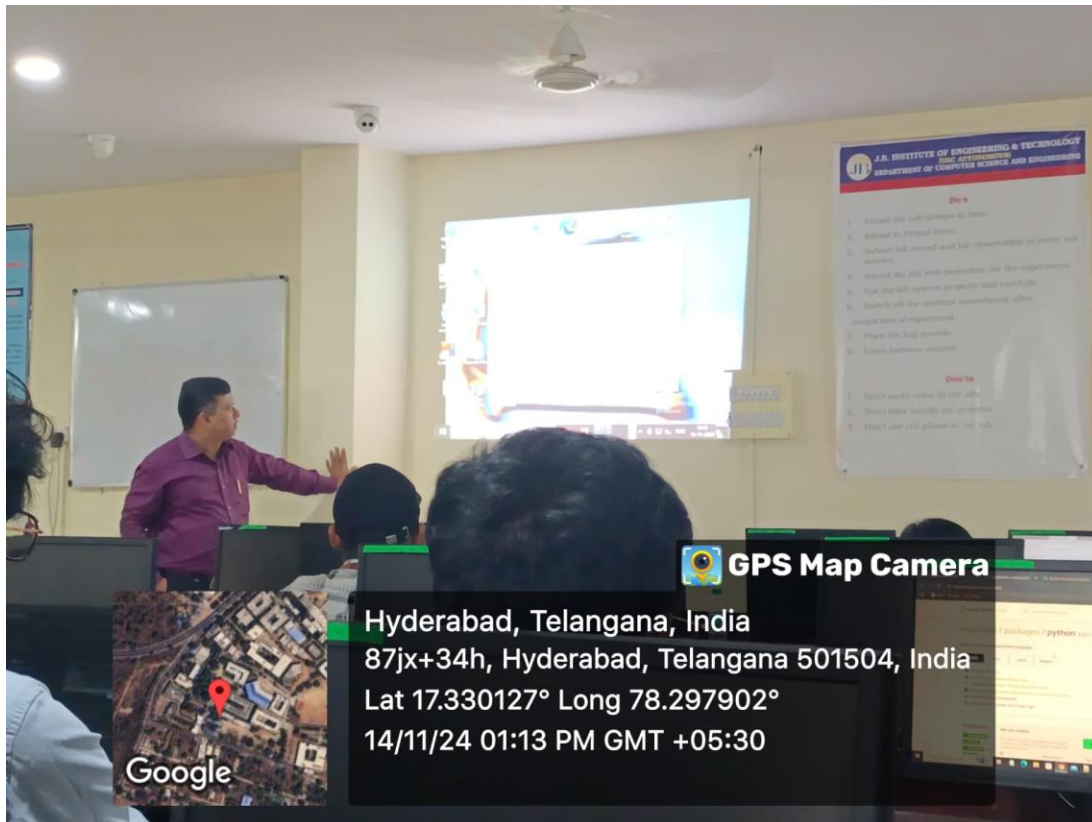


**Inauguration of Two days workshop on “Python Programming for Computer Engineers” on 13.11.2024 at 10.20am**

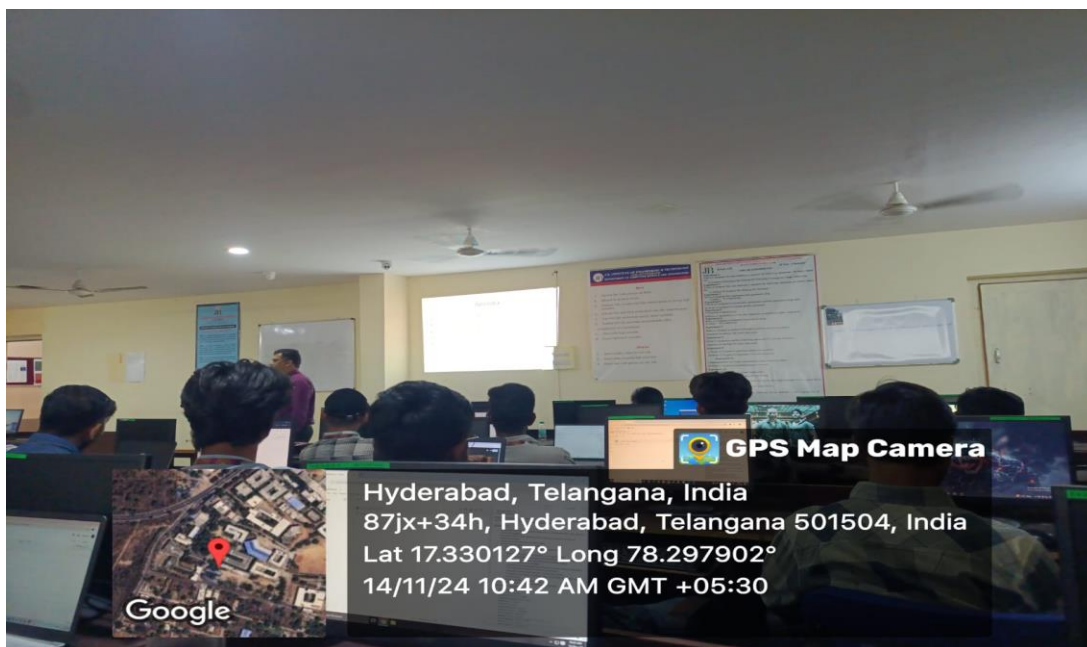


**13.11.2024 (First Day) Morning session By Resource person Dr. P. Ram Mohan Rao**

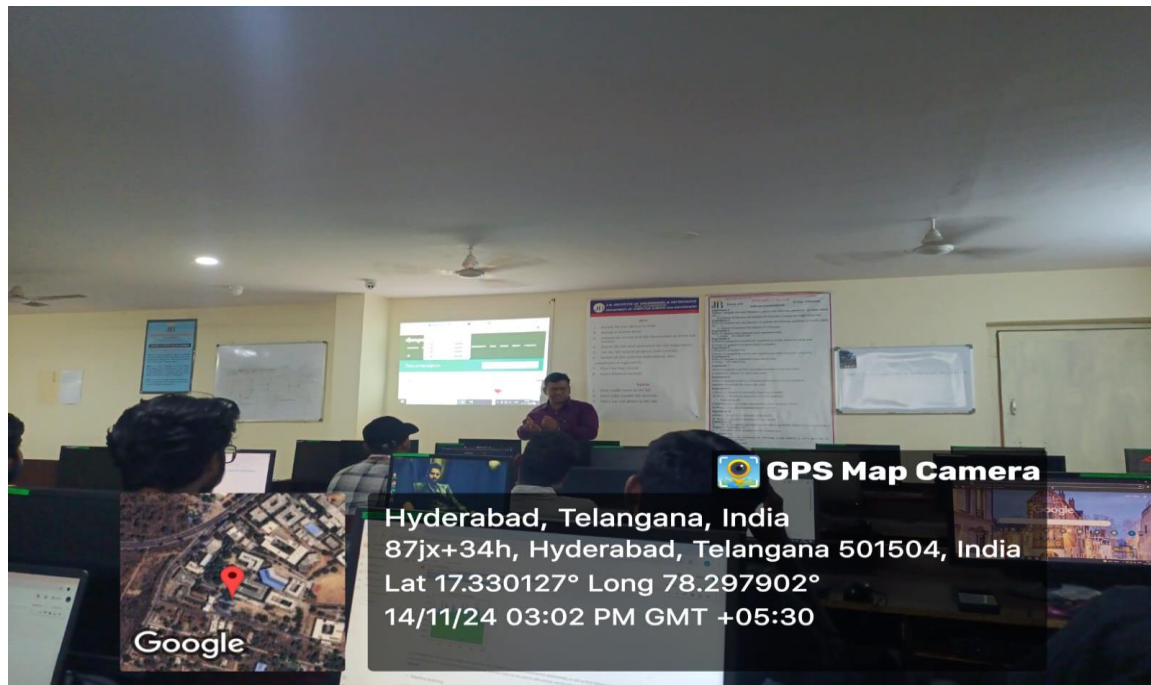




**13.11.2024 (First Day) Afternoon session by Resource Person Dr. P. Ram Mohan Rao**



**14.11.2024 (Second Day) Morning session by Resource Person Dr. P. Ram Mohan Rao**



**14.11.2024 (Second Day) Afternoon session by Resource Person Dr. P. Ram Mohan Rao**



**Valedictory Function of Two days workshop on "Python Programming for Computer Engineers" on 14.11.2024 at 03.45pm**

**Workshop focused on the following topics:**

**Day 1:**

1. Introduction to OOP
2. Fundamentals of Python programming
3. OOP using Python

**Day 2:**

1. Importing and using libraries like NUMPY, PANDAS, MATPLOTLIB.
2. Data Preprocessing
3. Web application fundamentals and walkthrough of DJANGO.



# Student's Attendance:

## J. B. INSTITUTE OF ENGINEERING AND TECHNOLOGY

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III B.Tech- I Sem ECM - 2022 Batch - (2024-25) Workshop on Python Programming  
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Sl.No.	Roll No.	Name of the Student	13.11.2024(FN)	13.11.2024(AN)
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2	22671A1902	AILENI ABHINAYA	Abhinaya	Abhinaya
3	22671A1903	AKULA KARTHIK	Akula	Akula
4	22671A1904	ALGUVELLI JYOTHIKA	Jyothika	Jyothika
5	22671A1905	ANANY SINGH	Anany	Anany
6	22671A1906	ANUGULA SANJAY KUMAR	Sanjay	Sanjay
7	22671A1907	ATHUKURI KAVYA SRI	Kavya	Kavya
8	22671A1908	BADDULA LOKESH	Lokesh	Lokesh
9	22671A1909	BANA VENKATA RAMA SUBBA REDDY	AB	AB
10	22671A1910	BANDARI TARUN YADAV	B. Tarun	B. Tarun
11	22671A1911	BANKURU JASWANTH	B. Jaswanth	B. Jaswanth
12	22671A1912	BATTU NAVAKANTH RAJU	AB	AB
13	22671A1913	DUSAKANTI HARSHITHA	Harshitha	Harshitha
14	22671A1914	DYAPA VARSHITH REDDY	Varshitha	Varshitha
15	22671A1915	GANGULA GANESH BHUMAIHA	G. Ganesh	G. Ganesh
16	22671A1916	GARAPATI HARSHA VARDHAN	Harsha	Harsha
17	22671A1918	GUNDEBOINA SAI GANESH	AB	AB
18	22671A1919	JANGAM MANOJ REDDY	Manoj	Manoj
19	22671A1920	JILALA AJAY KUMAR	AB	AB
20	22671A1921	KASARLA LAXMI PRASANNA	AB	AB
21	22671A1922	KILARU SAI MEGHANA	K. Meghana	K. Meghana
22	22671A1923	KONA KUSUMANJALI	K. Kusuma	K. Kusuma
23	22671A1924	KSHEERSAGAR DEEKSHA	K. Deeksha	K. Deeksha
24	22671A1925	KUNDARAPU DIKSHITHA	H. Dikshitha	H. Dikshitha
25	22671A1926	MADAM AKANKSHA	AB	AB
26	22671A1927	MALLEPALLY BHANU PRAKASH REDDY	B. Prakash	B. Prakash
27	22671A1928	MARRI RISHITHA	M. Rishitha	M. Rishitha
28	22671A1929	MARRI SRIMAN	M. Sriman	M. Sriman
29	22671A1930	MERUGU SWAPNIL REDDY	Swapnil	Swapnil
30	22671A1931	NAMANI BHAVINI	Bhavini	Bhavini
31	22671A1932	NIMAYEELA ABHINAV	AB	AB
32	22671A1933	ODAKAYI KELOTH KARTHIK	K. Kartik	K. Kartik
33	22671A1934	PARAMASHIVAN VAISHNAVI	P. Vaishnavi	P. Vaishnavi
34	22671A1935	PATAN SAMEER	Sameer	Sameer
35	22671A1936	PENDEM USHASRI	Ushasri	Ushasri
36	22671A1937	RACHAMALLA HARSHA VARDHAN	Harsha	Harsha
37	22671A1938	RAJAMONI PRAVALIKA	R. Pravalika	R. Pravalika
38	22671A1939	RATHOD HARI KRISHNA	R. Krishna	R. Krishna
39	22671A1940	REDDY MAMATHA	AB	AB
40	22671A1941	HARI KRISHNA	AB	AB

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43	22671A1944	SRIHARI	S. Srihari	S. Srihari
44	22671A1945	SUDDALA VISHAL	S. Vishal	S. Vishal
45	22671A1946	TANAY RAY	Tanay Ray	Tanay Ray
46	22671A1947	TEJAVATH ANJI	T. Anji	T. Anji
47	22671A1948	THAKUR TARUN SINGH	T. Tarun Singh	T. Tarun Singh
48	22671A1949	THIRUMANI NIKHIL	T. Nikhil	T. Nikhil
49	22671A1950	VADLA SHRIJA	V. Shrija	V. Shrija
50	22671A1951	VAISHNAV MATHURDAS	V. Mathurda	V. Mathurda
51	22671A1953	YALLAMANDALA UMA RANI	Y. Uma Rani	Y. Uma Rani
52	22671A1954	YANAMPALLY SRINIJA	Y. Srinija	Y. Srinija
53	23675A1901	DUDI BHARGAV KUMAR	D. Bhargav	D. Bhargav

  
13/11/2024

Head of the Department  
Dept. of EOM

J.B Institute of Engineering & Technology  
Bhaskar Nagar, Yenkapally (V)  
Moinabad (M), R.R. Dist.- 500 075




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 14/11/2024  
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## Student's Feedback:

J. B. INSTITUTE OF ENGINEERING AND TECHNOLOGY

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III B. Tech- I Sem ECM - 2022 Batch - (A.Y. 2024-25)

"Workshop on Python Programming"

Student's Feedback (On the scale of 1-5) (5-Excellent,4Very good,3-Good,2-Average 1-Poor)

Date: 13.11.2024 and 14.11.2024

1	How do you rate the overall quality of the workshop (1-5)	5
2	How Likely are you recommend the workshop to others (1-5)	5
3	How well was the workshop structured in terms of pacing and progression of topics (1-5)	5
4	Presentation and Communication Skills (1-5)	5
5	Engagement with Participants (1-5)	5
6	Ability to Clarify the Doubts (1-5)	5

Any other Suggestions:

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Any other Suggestions:

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6	Ability to Clarify the Doubts (1-5)	5

Any other Suggestions: *Time is not sufficient*

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5	Engagement with Participants (1-5)	5
6	Ability to Clarify the Doubts (1-5)	5

Any other Suggestions: *two days was not sufficient.*

**Outcomes of Workshop:**

At the end of the workshop the participants will be able to

1. Analyze the key concepts of OOP and apply them in software development.
2. Apply Python Programming, libraries like NUMPY, PANDAS, MATPLOTLIB etc. in developing various software applications.
3. Apply the Django framework to develop web applications.

**Conclusion:**

The workshop was of great success. It helped the students to know about the "Python Programming". The workshop came to an end with the Vote of Thanks by the Mr. Thirupathi Rao, Associate Professor, ECM.