



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul – Palani Highway, Dindigul – 624 002.

Website: www.ssmiet.ac.in

CIRCULAR

29.11.2022

Two day workshop “**Datascience with Python**” hands on Training is scheduled to be conducted on 01.12.2022 to 02.12.2022. Henceforth, students of **Second year**, CSE are requested to attend this workshop and get benefitted.

Resource Person:

Mr R S BALAKRISHNA RAMNATH

CO FOUNDER,

Training and Operation Head,

Channel btech

Coimbatore.


Date & Time: 01.12.2022 & 02.12.2022 , 09.30 AM – 4.30 PM


Venue: Seminar Hall-1,CSE- Lab2

1. 
2. 
Co-ordinator

S.Suganya, AP/CSE

J.Dhanalakshmi,AP/CSE


Academic -Coordinator
Dr.V.Nivedhitha, ASP/CSE


Principal
Dr D.Senthil Kumaran

28.11.2022

From

Mrs S SUGANYA, AP/CSE & Mrs. J. DHANALAKSHMI, AP/CSE,
SSM Institute of Engineering and Technology,
Dindigul – Palani Highway,
Dindigul.

To

The Principal,
SSM Institute of Engineering and Technology,
Dindigul – Palani Highway,
Dindigul.

Through

The Head of the Department/CSE,
SSM Institute of Engineering and Technology,
Dindigul – Palani Highway,
Dindigul.

Respected Sir,

Sub: Requisition for conducting Workshop on Data science with Python- reg.

We wish to bring to your kind notice that a Two days Workshop as well as hands on Training session has been planned for II CSE on "Data Science with Python", by **R S Balakrishna Ramnath, Co-Founder ,Btech Channel Coimbatore** on **01.11.2022 to 02.11.2022**. In this regard, we seek your permission for the conduct of the Workshop. We request you to provide (Rs 6600 for Certificate and Transport Allowance Rs 1000) as a remuneration. We kindly request you to grant us the same.

Thanking you,

Yours truly,

Mrs. S SUGANYA, AP/CSE
Mrs. J DHANALAKSHMI, AP/CSE


PRINCIPAL

AGENDA

S.No	Topics	Duration
1.	Introduction to Python and Anaconda	1 Day
2.	Exploration of Packages like Pandas, NumPy, SciPy and Statsmodels	
3.	Creating Arrays and DataFrames	
4.	Studying the built-in Datasets	
5.	Univariate and Bivariate Analysis	1 Day
6.	Linear, Multiple and Logistic Regressions	
7.	Introduction to Basic Statistics	
8.	Data Visualization Basics	

Department of Computer Science and Engineering

Date:15/12/2022

Report on “Data Science with Python” workshop (1.12.22 &2.12.22)

Two days workshop on “Data science with Python” was conducted on 01/12/22 &02.12.22 in CSE Lab-2 for II year CSE Students. Event Coordinators Ms S Suganya and Ms J dhanalakshmi started the event by Welcome the chief Guest converged the importance of the workshop for the students: Our chief guest Mr Balakrishna Ramnath, Co-Founder, Channel B-tech,Coimbatore was honoured by the event coordinators. Finally handed over the session to trainer and started the technical session .By thanking all members of the CSE and the head of the institution for providing the opportunity to interact over the students through this and started to present.

Memento by Event Coordinator:



Syllabus Coverage:

Day 1:

Topics Covered	Timing
Introduction to Python and Anaconda	9:30 a.m
Exploration of Packages like Pandas, NumPy, SciPy and Statsmodels	9.40 a.m – 10.20 a.m
Tea break	10.20 a.m to 10.30 and Break
Exploration of Packages like Pandas, NumPy, SciPy and Statsmodels	10.40 – 12.40pm
Lunch Break	12.40-1.30 pm Lunch break
Creating Arrays and DataFrames	1.30 to 3.00Pm
Studying the built-in Datasets	3.00Pm to 4.30Pm

Day 2:

Topics Covered	Timing
Univariate and Bivariate Analysis Linear,	9:30 a.m
Univariate and Bivariate Analysis Linear,	9.40 a.m – 10.20 a.m
Tea break	10.20 a.m to 10.30 and Break
Multiple and Logistic Regressions	10.40 – 12.40pm
Lunch Break	12.40-1.30 pm Lunch break

Lunch Break	12.40-1.30 pm Lunch break
Introduction to Basic Statistics	1.30 to 3.00Pm
Data Visualization Basic	3.00Pm to 4.00Pm
Questionnaire section	4.00 to 4.30Pm



Invitation

www.ssmiet.ac.in



SSM

INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NAAC)
 Dindigul-Palani Highway, Dindigul - 624 002, Tamilnadu

**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**

Organizes a Workshop on

DATASCIENCE WITH PYTHON

Date : 01.12.2022 & 02.12.2022
 Time : 09.30 AM - 4.30 PM
 Venue : Seminar Hall 1 & CSE lab2

II Year CSE Students



MR. R.S. BALAKRISHNA RAMNATH
 Co Founder, Training and Operation Head,
 Channel btech, Coimbatore.

Faculty Co-ordinator

S. Suganya, AP/CSE
J. Dhanalakshmi, AP/CSE

Academic Co-ordinator

Dr.V. Nivedhitha
 ASP/CSE

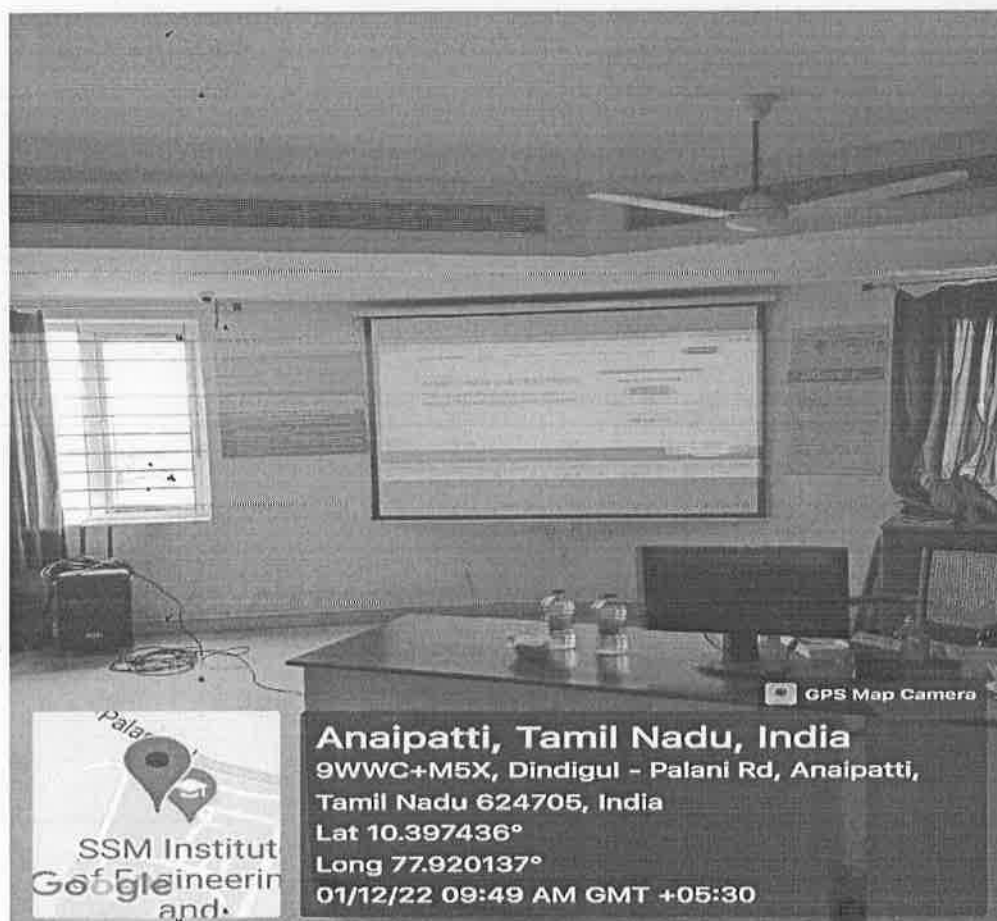
Principal

Dr.D. Senthil Kumaran

Starting of the session by trainer asked generally about what is the data science, python from student's point of view. Students are interacted more and voluntarily gave answers to the trainer.



Then trainer taught the dataset concepts according to the agenda given above



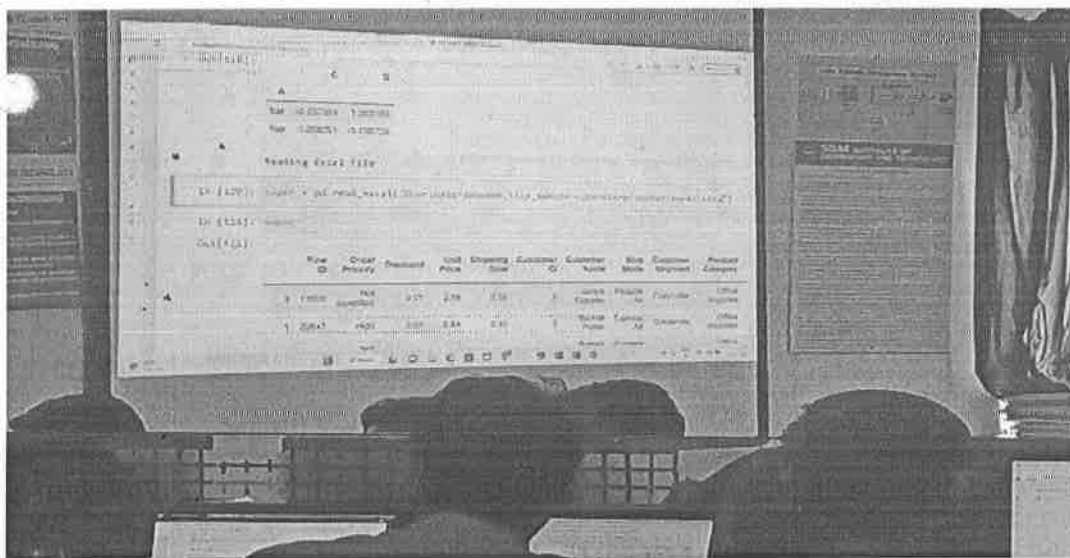
Each and Every point trainer interacts with the students by asking questions and answering them gently.



Afternoon Session:

Topics Covered: Creating Arrays and Data Frames ,Studying the built-in Datasets

After the lunch break session starts at 1:30 p.m. Students are assigned to create some dataset.



Day 2:

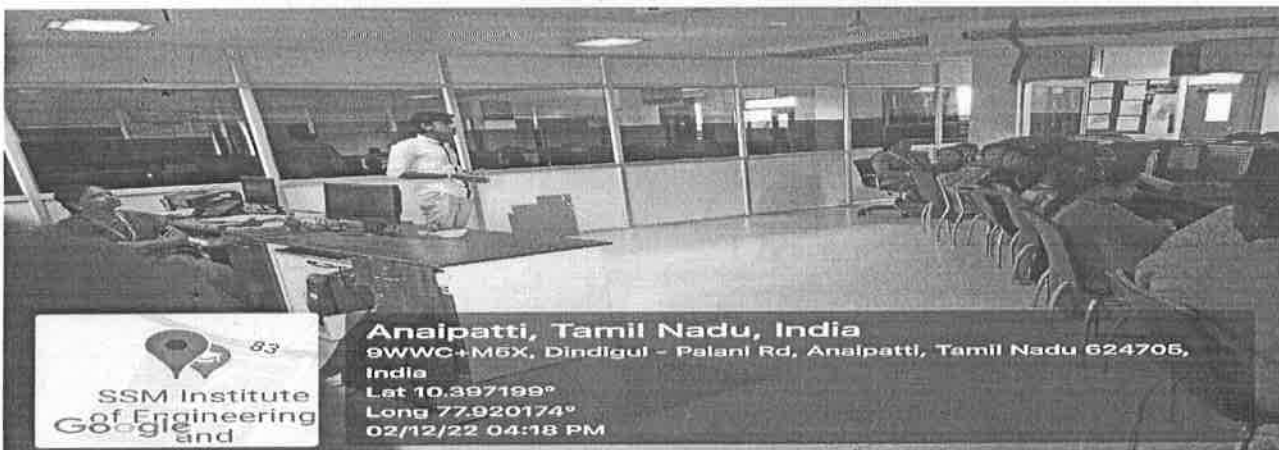
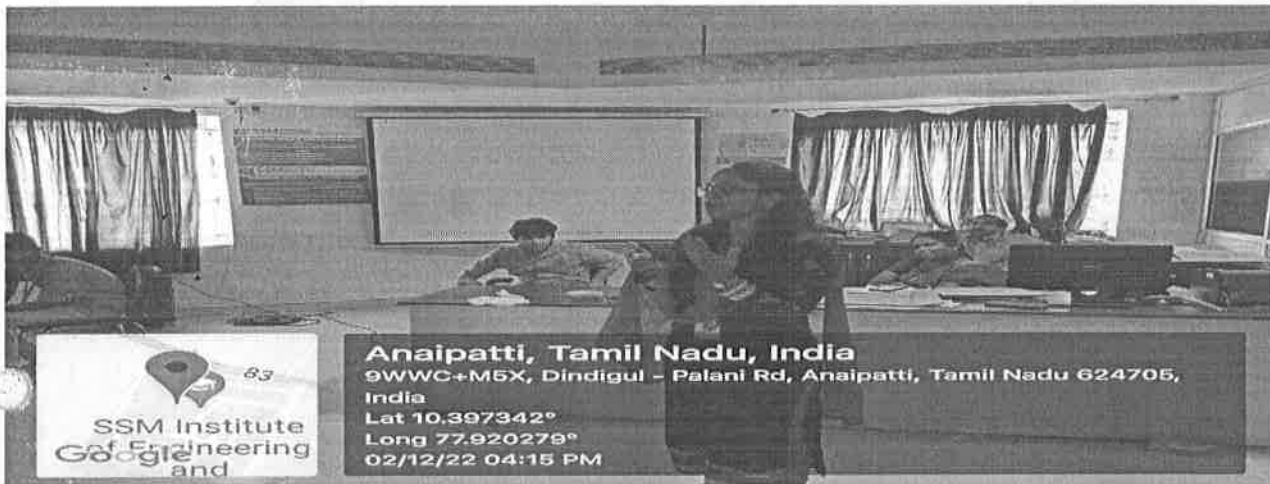


students work:

Finally students worked lot and learned more advanced techniques in Datascience with Python and gave feedback that they need more training session like this to know more about the in future.

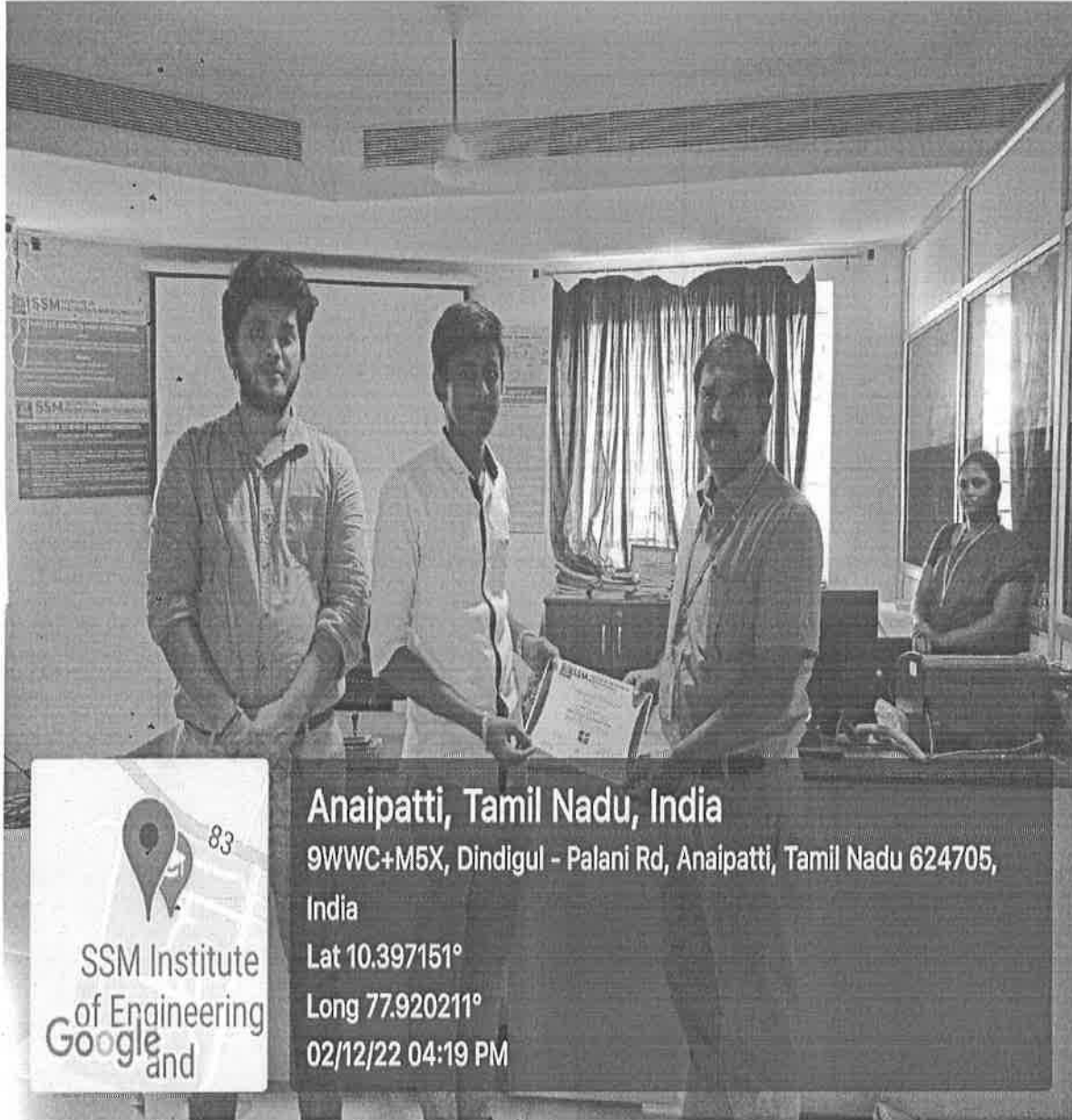


We conclude the workshop by getting feedback from the students and assigning some work to the students beyond the agenda. Happily we ended the session by giving vote of thanks to the trainer and appreciated his patience of training given to the students.



Finally the trainer consolidated all the activities carried out from the morning to evening in a rapid out form and students gave a feedback individually about the session that they need session to be in long run for understanding concepts in advanced manner and asked to conduct more workshop consecutively.

Certificate Distribution Session:



Ended the session at 4:30 p.m on 2.12.2022.



1. 08. 15/12/22
2. 15/12/22
Event Coordinators/cse

G. H. B
15/12/22
HoD/cse

Principal