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## EVENT PROPOSAL FORM



**VIMAL JYOTHI**  
ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI - 670632, KANNUR D.T. KERALA

An ISO 9001: 2008 Certified Institution

1	Event type and Name	Add on course on "Python programming for Data science & Machine Learning"(ADEC601)
2	Date and time	15/03/2023 to 17/03/2023, 9.00AM to 4.00 PM
3	Participants/audience	S6 ECE students(2020-24 Batch).
4	Venue	ECE department -Advanced communication engineering lab.
5	Objectives	To understand the fundamentals of Python programming language.
6	Expected outcomes	Students will understand Python fundamentals and they will be able to develop python programs for various applications.
7	Connected POs/PSOs	PO1, PO3, PO5, PO12
8	Resource requirements	Course fee - Rs.30000 + 18% GST (Approved by the management)
9	Any other Relevant Information	Resource Person/team - Quest Innovative solutions Kannur. Accommodation is required for the resource team (2 members)
10	Responsible Persons	Mr.Binil Kumar K , AP, ECE Mr.Lekshmy S , AP, ECE Ms. Adarsh K S , AP, ECE
11	Department	Electronics & Communication Engineering Department, VJEC.

*Binil*  
9/3/23  
Proposal prepared by  
Binil Kumar K  
AP, ECE

*Dr. D. Anto*  
9/3/23  
Proposal Recommended by  
Dr. D.Anto Sahaya Dhas  
Professor & Head , ECE Dept.

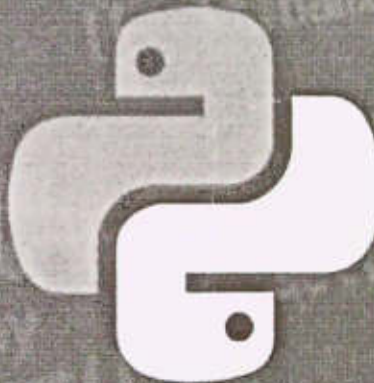
*Binil*  
9/3/23





ADEC 601

PYTHON PROGRAMMING  
FOR  
DATA SCIENCE & MACHINE LEARNING



DATE

15 - 17 MARCH 2023

TIME

09:00 AM - 04:10 PM

VENUE

ADVANCED COMMUNICATION LAB,  
ECE DEPARTMENT

PARTICIPANTS

S6 ECE STUDENTS

COORDINATORS

MR. BINILKUMAR K  
MS. LEKSHMY S  
MR. ADARSH K S

CONVENOR

DR. D ANTO SAHAYA DHAS



# Advanced Learning in Python

For Semester 6 ECE Students

Curriculum designed by

Mr.Adarsh K.S

Mr,Binil Kumar .K

Ms.Lekshmy S

## DayI-Fundamentals

9.00-11.00	Introduction on Python Advantages and Dis-advantages of Python A comparison between R and Python Popular IDEs for Python
11.00-01.00	Python Installation Basic python installation Python IDE installation Visual Studio Code
2.00-4.00	Introduction to variables Declaring variables in Python The automatic assignment of data types to variables in Python Collections of variables Basic Data Structurers

## DayII-Strings and Operators

9.00-11.00	Strings as array,String length, Check if is in String Slicing
11.00-01.00	Operators, Arithmetic and logical operator,Boolean operator
2.00-4.00	Lists, tuples, sets and Dictionaries, Access Change and Add item to Lists, Tuples, Sets

## DayIII- Statements and File handling

9.00-11.00	Looping Statements- What are loops for-each loop while loop
11.00-01.00	Conditional Statements, What are conditional statements Different types of conditional statements
2.00-4.00	File handling

## DayIV-DataScienceand Projects

FN	Introduction to Data Science,Installing Jupyter Notebook using Anaconda, Pandas
AN	Hands on Project

DayV-AdvancedDataScienceand Projects

FN	Hands on Project
AN	Hands on Project

Expected Budget: 35400/-(Including tax)

References:

1. [https://www.linkedin.com/jobs/search/?currentJobId=3409403361&f\\_E=2&geold=102713980&keywords=data%20analyst&location=India&originalSubdomain=in&refresh=true&sortBy=R](https://www.linkedin.com/jobs/search/?currentJobId=3409403361&f_E=2&geold=102713980&keywords=data%20analyst&location=India&originalSubdomain=in&refresh=true&sortBy=R)
2. [https://www.linkedin.com/jobs/search/?currentJobId=3409403361&f\\_E=2&geold=102713980&keywords=data%20analyst&location=India&originalSubdomain=in&refresh=true&sortBy=R](https://www.linkedin.com/jobs/search/?currentJobId=3409403361&f_E=2&geold=102713980&keywords=data%20analyst&location=India&originalSubdomain=in&refresh=true&sortBy=R)
3. TCS:  
<https://www.linkedin.com/jobs/view/data-analyst-python-sql-at-tata-consultancy-services-3392828701/?originalSubdomain=in>
4. Wipro:<https://www.instahyre.com/job-122440-data-scientist-at-wipro-bangalore/>
5. Sutherland:[Id=3427437927&originalSubdomain=in](https://www.linkedin.com/jobs/view/data-analyst-python-sql-at-tata-consultancy-services-3392828701/?originalSubdomain=in)
6. [https://www.linkedin.com/jobs/data-visualization-specialist-etl-python-power-bi-jobs/?currentJobId=3409403361&f\\_E=2&geold=102713980&keywords=data%20analyst&location=India&originalSubdomain=in&refresh=true&sortBy=R](https://www.linkedin.com/jobs/data-visualization-specialist-etl-python-power-bi-jobs/?currentJobId=3409403361&f_E=2&geold=102713980&keywords=data%20analyst&location=India&originalSubdomain=in&refresh=true&sortBy=R)
7. [https://www.linkedin.com/jobs/search/?currentJobId=3409403361&f\\_E=2&geold=102713980&keywords=data%20analyst&location=India&originalSubdomain=in&refresh=true&sortBy=R](https://www.linkedin.com/jobs/search/?currentJobId=3409403361&f_E=2&geold=102713980&keywords=data%20analyst&location=India&originalSubdomain=in&refresh=true&sortBy=R)

Tutors

HOD

**Vimal Jyothi Engineering College, Chempuri**  
**Department of Electronics and communication Engineering**  
**S6 ECE(2020-24)**

Academic year 2022-23

Course: ADEC601 Python programming for Data science and Machine learning

Sl.No	KTU ID	Name
1	VML20EC001	Abhinav M
2	VML20EC002	Abhinaya Hariindran
3	VML20EC003	Ajay Binu
4	VML20EC004	Ajimon Francis
5	VML20EC005	Akash Benny
6	VML20EC006	Alaida Thomas
7	VML20EC007	Alan P Mathew
8	VML20EC008	Alex Daniel
9	VML20EC009	Alfonsa
10	VML20EC010	Amruthendu K
11	VML20EC011	Anamika P V
12	VML20EC012	Anjima T K
13	VML20EC013	Anulakshmi C
14	VML20EC014	Anusree C
15	VML20EC015	Aparna K
16	VML20EC016	Ashish Mathew
17	VML20EC017	Ashwin Ajith
18	VML20EC018	Aswin Divakaran
19	VML20EC019	Binil Kurian
20	VML20EC020	Bobit Benny
21	VML20EC021	C.P Varsha
22	VML20EC022	Devika Dinesh
23	VML20EC023	Gautham Krishna K
24	VML20EC024	Gokulkrishnan
25	VML20EC025	Gopika Sanil
26	VML20EC026	Harichandana D
27	VML20EC027	Helna Saji
28	VML20EC028	Johns Jiji
29	VML20EC029	Kannanmohan
30	VML20EC030	Kiran K
31	VML20EC031	Krishnapriya V S
32	VML20EC032	Kshocra Sajcesh
33	VML20EC033	Mathew M J
34	VML20EC034	Meghana Sumesh M
35	VML20EC035	Melwin Paul
36	VML20EC036	Navaneeth V
37	VML20EC037	Navya M
38	VML20EC038	Nibin B V
39	VML20EC039	Parvana Pradeep
40	VML20EC040	Pranav N
41	VML20EC041	Praneetha A K
42	VML20EC042	Ronex Pallath
43	VML20EC043	Sandhwanadas
44	VML20EC044	Sandra Elizebath Alex
45	VML20EC045	Sanjay Manoj
46	VML20EC046	Sanju P S
47	VML20EC047	Sarath Saseendran
48	VML20EC049	Sreejishnu P A
49	VML20EC050	Thomas George
50	VML20EC051	Vaibhav S
51	VML20EC052	Vishnu Priya K
52	LVML20EC053	SREERAG K P

Tutors

Mr.Binil Kumar K  
 Ms.Lekshmy S  
 Mr.Adarsh K S



**Vimal Jyothi Engineering College, Chempuri**  
**Department of Electronics and communication Engineering**  
**S6 ECE(2020-24)**

Academic year 2022-23

Course: ADEC601 Python programming for Data science and Machine learning

Sl.No	KTU ID	Name	15-03-2023		16-03-2023		17-03-2023	
			FN	AN	FN	AN	FN	AN
1	VML20EC001	Abhinav M						
2	VML20EC002	Abhinaya Harindran						
3	VML20EC003	Ajay Binu						
4	VML20EC004	Ajimon Francis						
5	VML20EC005	Akash Benny						
6	VML20EC006	Alaida Thomas						
7	VML20EC007	Alan P Mathew						
8	VML20EC008	Alex Daniel						
9	VML20EC009	Alfonsa						
10	VML20EC010	Amruthendu K						
11	VML20EC011	Anamika P V						
12	VML20EC012	Ajima T K						
13	VML20EC013	Amulakshmi C						
14	VML20EC014	Anusree C						
15	VML20EC015	Aparna K						
16	VML20EC016	Ashish Mathew						
17	VML20EC017	Ashwin Ajith						
18	VML20EC018	Aswin Divakaran						
19	VML20EC019	Binil Kurian						
20	VML20EC020	Bobit Benny						
21	VML20EC021	C.P Varsha						
22	VML20EC022	Devika Einesh						
23	VML20EC023	Gautham Krishna K						
24	VML20EC024	Gokulkrishnan						
25	VML20EC025	Gopika Samil						
26	VML20EC026	Harichandana D						



Sl.No	KTU ID	Name	15-03-2023		16-03-2023		17-03-2023	
			FN	AN	FN	AN	FN	AN
27	VML20EC027	Helna Saji	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
28	VML20EC028	Johns Jiji	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
29	VML20EC029	Kannanmohan	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
30	VML20EC030	Kiran K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
31	VML20EC031	Krishnapriya V S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
32	VML20EC032	Ksheera Sajeesh	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
33	VML20EC033	Mathew M J	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
34	VML20EC034	Meghana Surimesh M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
35	VML20EC035	Melwin Paul	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
36	VML20EC036	Naraneeth V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
37	VML20EC037	Navya M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
38	VML20EC038	Nibin B V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
39	VML20EC039	Parvana Pradeep	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
40	VML20EC040	Pranav N	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
41	VML20EC041	Praneetha A K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
42	VML20EC042	Ronex Pallath	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
43	VML20EC043	Sandhwanadas	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
44	VML20EC044	Sandra Elizebeth Alex	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
45	VML20EC045	Sanjay Manoj	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
46	VML20EC046	Sanju P S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
47	VML20EC047	Sarath Saseendran	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
48	VML20EC049	Sreejishnu P A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
49	VML20EC050	Thomas George	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
50	VML20EC051	Vaibhav S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
51	VML20EC052	Vishnu Priya K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
52	LVML20EC053	SREERAG K P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Tutors

Mr. Binil Kumar K  
Ms. Lekshmy S  
Mr. Adarsh K S

HOD

Dr. Anto Sahayadhas





**VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**S6 ECE (2020-24 BATCH )**

**ADD-ON COURSE REPORT**

**TITLE: PYTHON PROGRAMMING FOR DATA SCIENCE AND MACHINE  
LEARNING**

**CODE:ADEC601**

As a part of Programming Skill Development, a session on Conceptual Study On Python Programming for Data Science and Machine Learning was conducted for S6 ECE students from 15<sup>th</sup> March to 17<sup>th</sup> March of 2023. The venue was Advanced Communication Lab, ECE Department.

The session was handled by Mr.Jayasurya and Mr.Akesh (Trainers of Quest). About 53 students attended this session. Major topics discussed were Basics of Python, SQL and Microsoft Power BI. Also several websites were introduced which included github, datalemur, LinkedIn, etc.,for future job opportunities. They encouraged the students to do more certified courses related to python which will help them in placements.

The session was very useful and informative. A good response was put forward by the students and they are eager to know more about this and wanted more sessions like this in future.







PostEventImpactAnalysisReport

1	Eventypean dname	ADD ON Course ADEC601 Python programming for data science and machine learning
2	Dateandtime	March 15, 2023 to March 19, 2023
3	Participants/au dience	Semester 6 ECE Students
4	Venue	Research lab, ECE
5	Outcomesofth eevent	Students will understand python fundamentals and they will able to develop python programs for various application
6	Attainmentle velofoutcom es	3
7	Listoffeedbac kfromtheparti cipants	Very good feedback from the students. Feedback session(Oral) conducted in the end of the program.
8	ConnectedP Os/COs	PO1, PO2, PO3, PO4 and PO 12
9	Anyotherrele vantinformati on	Resource person: Mr. Jayasurya and Mr.Akesh ,Resource Personsfrom Quest .
10	Responsiblepe rsons	Report preparedbyRecommendedby  <b>Binil Kumar K (AP/ECE)</b>  <b>Dr. Anto Sahaya Dhas(HOD/ECE)</b>

# CERTIFICATE

OF

## PROFICIENCY

Quest Innovative Solutions certifies that **Ms. Amruthendu K (VML20EC010)**, 6th semester, B.Tech Electronics and Communication Engineering student of Vimal Jyothi Engineering College, Chemperi, Kannur has completed 5 days add-on course titled **“Python Programming for Data Science & Machine Learning”** during the period from **15/03/2023** to **19/03/2023**.



Chief Technology Officer



Centre Head

Date: 31/03/2023

Certificate No. CHN1112102721

**QUEST**  
INNOVATIVE SOLUTIONS

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ISO 9001:2015 & 10002:2014 Certified Company