

DEPARTMENT OF PHYSICS
DEVA MATHA COLLEGE KURAVILANGAD

Affiliated to Mahatma Gandhi University, Kottayam



REPORT
OF
ADD-ON COURSE
IN
INTRODUCTION TO PYTHON
(Conducted for III DC Physics and MCom students)
Academic Year : 2022-2023

Add-on Course in
DMCK/PHY/AD16/2022 : Introduction to Python

Duration: 30 hours

Number of students enrolled : 32

Course Objectives

1. To acquire programming skills in core Python.
2. To acquire Object Oriented Skills in Python
3. To develop the skill of designing Graphical user Interfaces in Python
4. To develop the ability to write database applications in Python

Syllabus

Module 1 (15 hours)

- Installation of Python IDLE (Linux, Windows), list, tuple, dictionary, set, operators, input and output in Python.
- Conditional Statement in Python, Looping Statements in Python, break and continue, File handling with Python.
- User defined Functions in Python.
- Object Oriented Programming with Python.

Module 2 (15 hours)

- Some Python functions (map(), filter(), and reduce()), Lambda Functions in Python, The Zen of Python.
- Regular expressions in Python, Differences between Python 2 and Python 3, Plotting in Python with Matplotlib.
- Some Python Libraries (NumPy and SciPy).
- Introduction to Machine Learning using Python.

Course Outcome

At the end of the course, the student will be able to

1. Explain basic principles of Python programming language
2. Implement object-oriented concepts
3. Implement database and GUI applications.

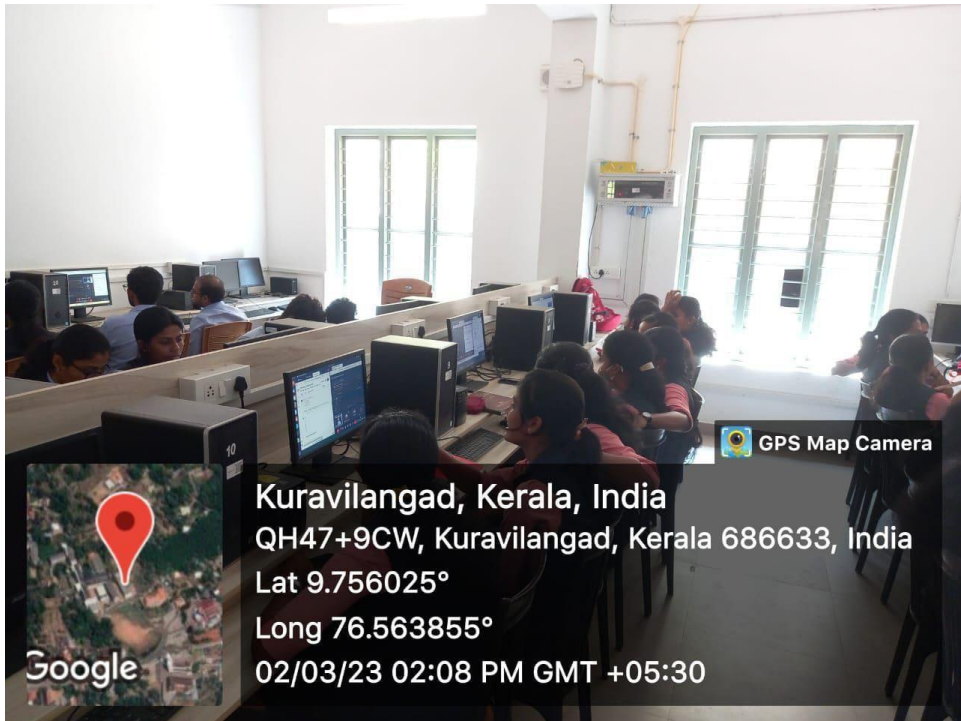
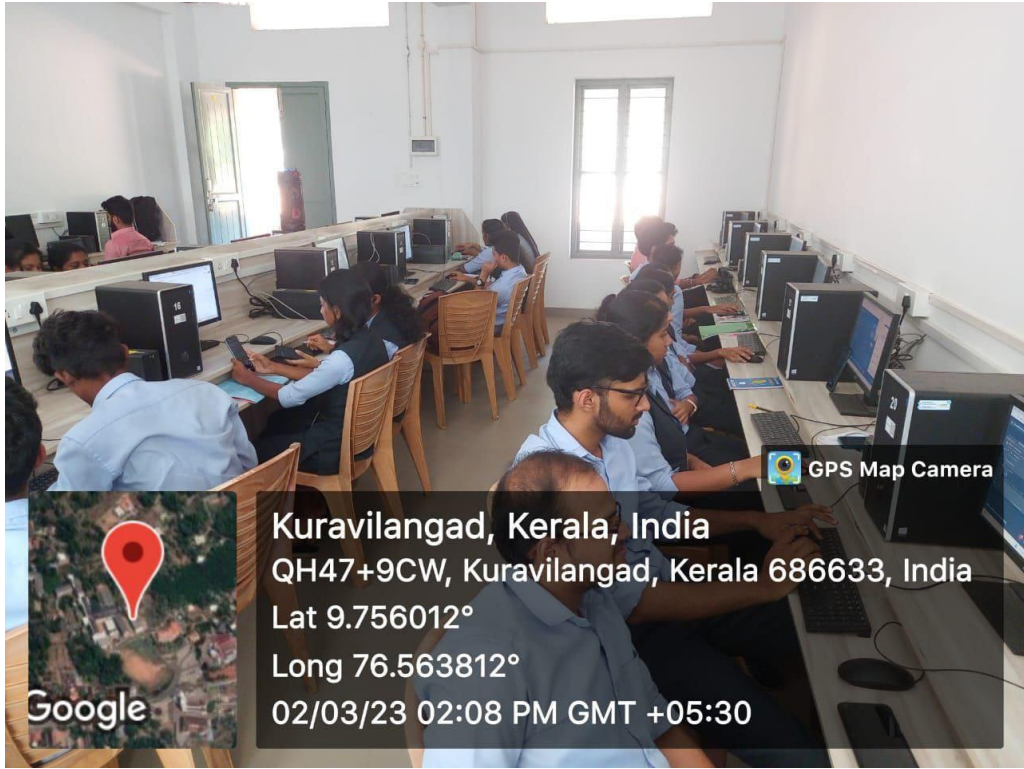
Mode of Evaluation

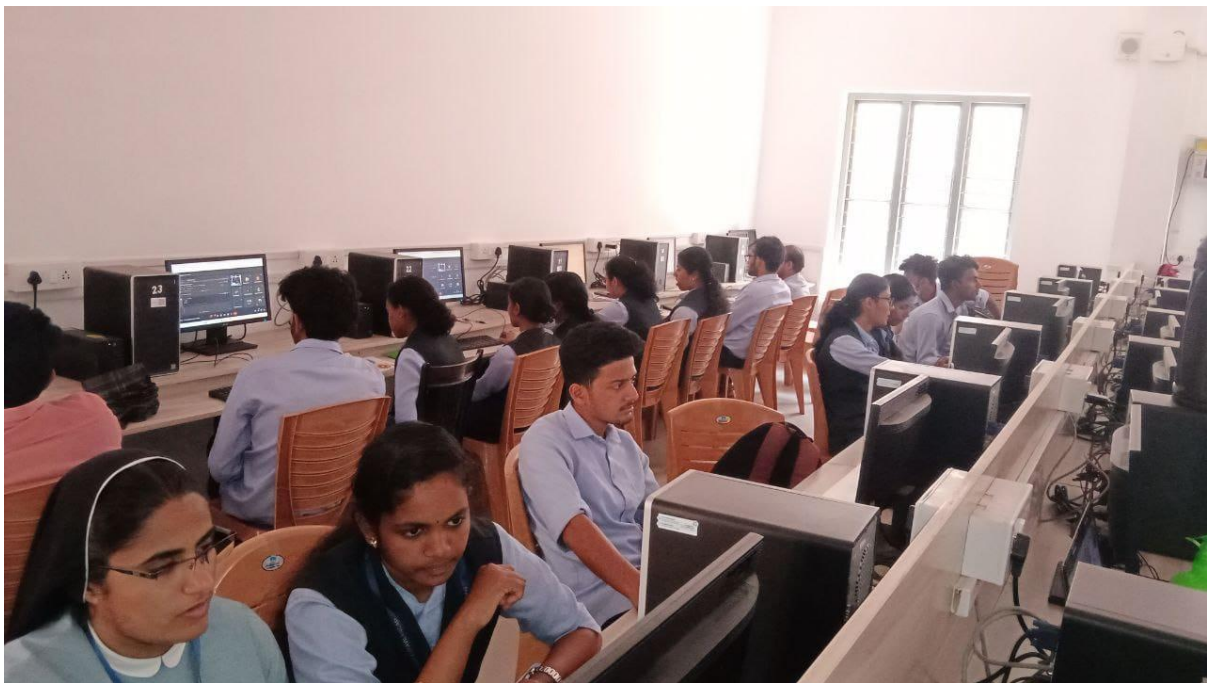
Attendance and Examination

List of students enrolled

Sl. No.	Class No.	Department	Name
1	20UG110	Physics	ABIN JOSE
2	20UG111	Physics	<u>ALLEN JOSEPH BABU</u>
3	20UG119	Physics	<u>ANN MINI BABY</u>
4	20UG120	Physics	<u>ANU L MATTAM</u>
5	20UG122	Physics	<u>ARUNA P.R</u>
6	20UG123	Physics	<u>ARYA BHAKTHAKUMAR</u>
7	20UG112	Physics	<u>ASWIN PRAKASH</u>
8	20UG113	Physics	<u>ELDHO YOHANS GEORGE</u>
9	20UG124	Physics	<u>EMIL MARIA JOBY</u>
10	20UG115	Physics	<u>JITHIN FRANCIS</u>
11	20UG125	Physics	<u>MARIYA ALPHONSE RENCE</u>
12	20UG126	Physics	<u>NANDANA JAYAPRAKASH NAIR</u>
13	20UG127	Physics	<u>SREYA S KUMAR</u>
14	20UG116	Physics	<u>T K JOSE</u>
15	20UG117	Physics	<u>THOMAS SUNNY</u>
16	20UG118	Physics	<u>YADHUKRISHNAN</u>
17	20UG101	Physics	<u>AKSHAI RAMESH M.</u>
18	20UG104	Physics	<u>APARNA THILAKAN</u>
19	20UG105	Physics	<u>FARIZA YOOSUF</u>
20	20UG106	Physics	<u>NIDHI S BINU JAMES</u>
21	20UG103	Physics	<u>NIKHIL JOHNSON</u>
22	20UG108	Physics	PRIYA ANIL BISWAS
23	21PG354	Commerce	APARNA C P
24	21PG355	Commerce	ATHIRA P R
25	21PG356	Commerce	CHAITHANYA S BABU
26	21PG359	Commerce	GINIYA G NELLIKKAL
27	21PG361	Commerce	JILSMOL JOHN
28	21PG362	Commerce	JINCY M K
29	21PG363	Commerce	LEKHA BABY
30	21PG364	Commerce	NIKHITHA BOBY
31	21PG365	Commerce	RIYA VARGHESE
32	21PG367	Commerce	VIDHYA M

Attendance Sheet





Feedback Form of 'Introduction to Python'

Timestamp	1. Name	2. Class No.	3. How do you rate the course as a whole?	4. How do you rate the co-ordination of the course by the Department of Physics?	5. How do you rate the usefulness of this course?
7/21/2023 16:41:04	ELDHO YOHANS GEORGE	20UG113	4	3	3
7/21/2023 17:10:27	Akshai Ramesh M	20UG101	5	5	5
7/21/2023 17:19:46	Arya Bhakthakumar	20 UG123	1	1	1
7/21/2023 17:27:52	Jithin Francis	20UG115	5	5	5
7/21/2023 17:28:53	Nikhil Johnson	20UG103	4	4	4
7/21/2023 18:02:42	Nikhitha Boby	364	4	4	4
7/21/2023 18:38:56	Giniya G Nellikkal	21PG359	2	1	3
7/21/2023 18:40:06	Riya Varghese	365	4	4	4
7/21/2023 18:45:52	Vidhya M	367	4	4	4
7/21/2023 19:16:04	Aparna. C.P	21PG354	1	2	3
7/21/2023 19:26:45	Jilsmol John	361	3	5	4
7/21/2023 20:33:33	Thomas Sunny	20UG117	5	5	5
7/21/2023 21:34:58	Aruna PR	122	1	1	1
7/21/2023 22:42:25	Mariya Alphonse Rence	20UG125	3	4	4
7/22/2023 10:26:49	Fariza Yoosuf	20UG105	1	1	1
7/22/2023 20:48:23	Anu L Mattam	20UG120	1	1	1

Exam Mark list

Sl. No.	Class No.	Name	Score (Out of 100)
1	20UG110	ABIN JOSE	85
2	20UG111	<u>ALLEN JOSEPH BABU</u>	92
3	20UG119	<u>ANN MINI BABY</u>	100
4	20UG120	<u>ANU L MATTAM</u>	100
5	20UG122	<u>ARUNA P.R</u>	100
6	20UG123	<u>ARYA BHAKTHAKUMAR</u>	100
7	20UG112	<u>ASWIN PRAKASH</u>	85
8	20UG113	<u>ELDHO YOHANS GEORGE</u>	100
9	20UG124	<u>EMIL MARIA JOBY</u>	100
10	20UG115	<u>JITHIN FRANCIS</u>	90
11	20UG125	<u>MARIYA ALPHONSE RENCE</u>	100
12	20UG126	<u>NANDANA JAYAPRAKASH NAIR</u>	100
13	20UG127	<u>SREYA S KUMAR</u>	100
14	20UG116	<u>T K JOSE</u>	90
15	20UG117	<u>THOMAS SUNNY</u>	100
16	20UG118	<u>YADHUKRISHNAN</u>	86
17	20UG101	<u>AKSHAI RAMESH M.</u>	94
18	20UG104	<u>APARNA THILAKAN</u>	100
19	20UG105	<u>FARIZA YOOSUF</u>	100
20	20UG106	<u>NIDHI S BINU JAMES</u>	89
21	20UG103	<u>NIKHIL JOHNSON</u>	92
22	20UG108	PRIYA ANIL BISWAS	100
23	21PG354	APARNA C P	100
24	21PG355	ATHIRA P R	100
25	21PG356	CHAITHANYA S BABU	100
26	21PG359	GINIYA G NELLIKKAL	100
27	21PG361	JILSMOL JOHN	100
28	21PG362	JINCY M K	100
29	21PG363	LEKHA BABY	100
30	21PG364	NIKHITHA BOBY	100
31	21PG365	RIYA VARGHESE	100
32	21PG367	VIDHYA M	100

Sample Certificate



DEVA MATHA COLLEGE KURAVILANGAD

Re-Accredited with 'A' Grade (CGPA 3.23) by NAAC in 2017

Affiliated to Mahatma Gandhi University, Kottayam

Website: www.devamatha.ac.in, E-Mail: principaldmck@gmail.com



Certificate

This is to certify that **Fariza Yoosuf** has successfully completed the Add-on Programme titled **Introduction to Python** (DMCK/ PHY/AD 16/2022) conducted by the Department of Physics, Deva Matha College Kuravilangad during the academic year 2022-23 with 'A' grade.

Certificate No: 519

Kuravilangad
31-03-2023

Dr. Syju Thomas
Programme Co-ordinator

Dr. Brincy Mathew
General Co-ordinator

Dr. Sunil C. Mathew
Principal

Dr. Saritha K Jose (Co-ordinator)
Asst. Professor in Physics
Deva Matha College Kuravilangad

Dr. Brincy Mathew
Add-on Course General Coordinator



Principal
Deva Matha College
Kuravilangad - 686 633