

PG Department of Computer Science

ADD COURSE ON PYTHON PROGRAMMING

Naipunnya[®]

To reach the unreachable

Date of event: 21st June to 24th June, 2022

Faculty In-charge: Ms. Laiby Thomas

Pongam, Koratty East, Thrissur District, Kerala State, India. Pin-680308.

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NCSACC1-Add on Course -Python Programming Syllabus

Description: An add on course on Python Programming will be provided to students. All the students should register for the course via Coursera. The duration of the course will be 30 hours. The course aims to increase the basic knowledge of Python and to improve the problem solving skills of students through the implementation programs using Python.

Course Objectives

This course aims to teach everyone the basics of programming computers using Python. The course has no prerequisites and avoids all but the simplest mathematics. Anyone with moderate computer experience should be able to master the materials in this course. The course is designed to provide Basic knowledge of Python and to develop the skill of designing Graphical user Interfaces in Python

Course Outcomes

CO1: To cover the basics of how one constructs a program from a series of simple instructions in Python.

CO2: To prepare students to take more advanced programming courses.

CO3: To develop the ability to write applications in Python

UNIT I

Introduction to python, features, IDLE, python interpreter, Writing and executing python scripts, comments, identifiers, keywords, variables, data type, operators, operator precedence and associativity, statements, expressions, user inputs, type function, eval function, print function.

UNIT II

Boolean expressions, Simple if statement, if-elif-else statement, compound boolean expressions, nesting, multi way decisions. Loops: The while statement, range functions, the for statement, nested loops, break and continue statements, infinite loops.

UNIT III

Functions, built-in functions, mathematical functions, date time functions, random numbers, writing user defined functions, composition of functions, parameter and arguments, default parameters, function calls, return statement, using global variables, recursion.

UNIT IV

String and string operations, List- creating list, accessing, updating and deleting elements from a list, basic list operations. Tuple- creating and accessing tuples in python, basic tuple operations. Dictionary, built in methods to access, update and delete dictionary values. Set and basic operations on a set, Practicing lab programs.

ADD COURSE ON PYTHON PROGRAMMING

The Add-on course of the year 2022 for the students of 3rd year BCA and BSc CS students was conducted from 21st June to 24th June 2022. Course started with the introduction of the Resource Persons from Star Innovations. He gave an insight on the topic of the program and its benefits also. First day he completed two modules and gave an assignment to the students. The next day covered last two modules and for the afternoon session the students were taken to the lab. On the third day of the Add-on, they covered the rest of the portions and conducted a test. After that the students were taken to the lab. On the last day she gave a feedback to the students and student representatives from the class gave a feedback about the session. With that the Add-on course came to an end.

Prepared by,

Ms. Laiby Thomas

(Faculty-in-charge)

Verified by,

Mr. Jayakrishnan S

(HOD, Department of Computer Science)

Approved by,

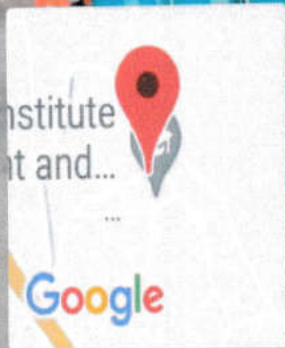
Rev.Fr.Dr.Paulachan K J

(Principal)

PHOTOS



GPS Map Camera



Karukutty, Kerala, India

69WF+X54, Naipunnya Nagar, Karukutty, Kerala 680308, India

Lat 10.247105°

Long 76.37306°

21/06/22 12:10 PM

Attendance

Add on course			
Batch: BCA-2020			
Attendance List			
Sl.No	Name	Signature(Forenoon)	Signature(Afternoon)
1	ABHILASH JOSE	<i>Abhilash Jose</i>	<i>Abhilash Jose</i>
2	ABHINAND.C	<i>Abhinand C</i>	<i>Abhinand C</i>
3	ABUITH WILSON	<i>Abuith Wilson</i>	<i>Abuith Wilson</i>
4	ADHUN VARGHESE	<i>Adhun Varghese</i>	<i>Adhun Varghese</i>
5	ADITHYAN K T	<i>Adithyan K T</i>	<i>Adithyan K T</i>
6	AJAY BAIJU	<i>Ajay Baiju</i>	<i>Ajay Baiju</i>
7	AJITH GEORGE	<i>Ajith George</i>	<i>Ajith George</i>
8	AJO AUGUSTINE	<i>Ajo Augustine</i>	<i>Ajo Augustine</i>
9	ALAN POLY	<i>Alan Poly</i>	<i>Alan Poly</i>
10	ALDRIN DAVIS	<i>Aldrin Davis</i>	<i>Aldrin Davis</i>
11	ALJO JOJU	<i>Aljo Joju</i>	<i>Aljo Joju</i>
12	AMAL JOBY	<i>Amal Joby</i>	<i>Amal Joby</i>
13	ANAND. S	<i>Anand S</i>	<i>Anand S</i>
14	ANIL GEORGE	<i>Anil George</i>	<i>Anil George</i>
15	ANLIN THARAKAN	<i>Anlin Tharakan</i>	<i>Anlin Tharakan</i>
16	ANJOY JOHNSON	<i>Anjoy Johnson</i>	<i>Anjoy Johnson</i>
17	ARUN JOY	<i>Arun Joy</i>	<i>Arun Joy</i>
18	ARUN PAUL	<i>Arun Paul</i>	<i>Arun Paul</i>
19	ASHIN POULOSE	<i>Ashin Poullose</i>	<i>Ashin Poullose</i>
20	CATHERIN FOGY	<i>Catherin Fogy</i>	<i>Catherin Fogy</i>
21	DELMA SHAJU	<i>Delma Shaju</i>	<i>Delma Shaju</i>
22	DIDHEEMOSE. P. S	<i>Didheemose P. S</i>	<i>Didheemose P. S</i>
23	DIGITH SHIBU	<i>Digith Shibu</i>	<i>Digith Shibu</i>
24	DIYA DENNY	<i>Diya Denny</i>	<i>Diya Denny</i>
25	EDWIN JOY	<i>Edwin Joy</i>	<i>Edwin Joy</i>
26	ELSAMMA JOSHY	<i>Elsamma Joshy</i>	<i>Elsamma Joshy</i>
27	ENAT MATHEWS	<i>Enat Mathews</i>	<i>Enat Mathews</i>
28	FEMI SHAJU	<i>Femi Shaju</i>	<i>Femi Shaju</i>
29	FREDY JOHN	<i>Fredy John</i>	<i>Fredy John</i>
30	GITHIN N J	<i>Githin N J</i>	<i>Githin N J</i>
31	GRACE MARIYA	<i>Grace Mariya</i>	<i>Grace Mariya</i>
32	JITTO JOSE	<i>Jitto Jose</i>	<i>Jitto Jose</i>
33	JOBAL MANOJ	<i>Jobal Manoj</i>	<i>Jobal Manoj</i>
34	JOE JOHN SHERAN	<i>Joe John Sheran</i>	<i>Joe John Sheran</i>
35	JOPHINE PAUL C	<i>Jophine Paul C</i>	<i>Jophine Paul C</i>

36	JOSHUA C S	<i>[Signature]</i>	<i>[Signature]</i>
37	JOSHWA JOSE	<i>[Signature]</i>	<i>[Signature]</i>
38	LAWSON THOMAS	<i>[Signature]</i>	<i>[Signature]</i>
39	MALAVIKA PRAKASH	<i>[Signature]</i>	<i>[Signature]</i>
40	MANU DAVIS	<i>[Signature]</i>	<i>[Signature]</i>
41	MARIYA JOY	<i>[Signature]</i>	<i>[Signature]</i>
42	MILLAN M SAJU	<i>[Signature]</i>	<i>[Signature]</i>
43	NIKHIL JOSE	<i>[Signature]</i>	<i>[Signature]</i>
44	NINTU VARUGHESE	<i>[Signature]</i>	<i>[Signature]</i>
45	PRAVEENC S	<i>[Signature]</i>	<i>[Signature]</i>
46	RESHMI B KIRIYATH	<i>[Signature]</i>	<i>[Signature]</i>
47	ROHITH RAJ	<i>[Signature]</i>	<i>[Signature]</i>
48	ROJITH JOY	<i>[Signature]</i>	<i>[Signature]</i>
49	ROSE MARIYA	<i>[Signature]</i>	<i>[Signature]</i>
50	ROSHAN K JOSE	<i>[Signature]</i>	<i>[Signature]</i>
51	RUBEN JOSEPH C A	<i>[Signature]</i>	<i>[Signature]</i>
52	SACHIN SHIBU	<i>[Signature]</i>	<i>[Signature]</i>
53	SANDRA JOY	<i>[Signature]</i>	<i>[Signature]</i>
54	SREEJITHO B	<i>[Signature]</i>	<i>[Signature]</i>
55	SYAMSON BAIG	<i>[Signature]</i>	<i>[Signature]</i>
56	VIMAL VARGHESE	<i>[Signature]</i>	<i>[Signature]</i>

Add on course

Batch BCA 2020

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