



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Affiliated to JNTUK, Kakinada * Approved by AICTE, New Delhi * Accredited by NAAC

Recognized by UGC Under section 2(f) and 12 (B) of UGC Act 1956

ADB ROAD, ADITYA NAGARA, SURAMPALEM-533437

Department of Electronics & Communication Engineering

Date: 8.11.2019.

To
The principal
Aditya College of Engineering & Technology
Surampalem

Respected sir,

[Through Head of the Department]

Sub: Request for your approval to organize a certification course on “**Python for ECE**” – reg.

It's our greatest pleasure to bring to your kind notice that, we the Department of Electronics & Communication Engineering would like to train our 2nd year B.Tech students in the, **Python for ECE** with the help of our staff; as the present world is moving over the software design & simulations and also is a part of the Electronics & Communication Engineering. It will be more helpful to the students in theoretical and technical point of view. In this regard we are requesting your permission for further proceedings.

Resource Person : Mr. Y SAI SANDEEP.
Assistant Professor, BVC Engineering College, Odalarevu.

Honorarium : Rs. 8000/-

Course Coordinator

PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALEM- 533 437



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Date: 9.11.2019

CIRCULAR

All the 3rd year students are hereby informed that a program is arranged to enhance the knowledge on **Python for ECE**, as per the schedule from 25th November, 2019. All interested students can attend the program and utilize the opportunity. The schedule is attached.

Course Coordinator: Mr. KLV PRASAD.

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Head of the Department

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Python for ECE Syllabus

1. Python Introduction, Literate Programming, Jupyter Notebook Environment.
2. Markdown format for documentation, Python basics.
3. Keywords in Python, Operators in Python, Conditional Statements.
4. Iterations, Jump Statements (Break, Continue with examples), continue(with example).
5. Functions, Arguments in Functions, Strings, Python Data Structures.
6. Lists, List Methods, Tuples, Tuple Methods.
7. Dictionaries, Dictionary Methods, Sets, Set Methods.
8. Packages and Modules, Regular Expression, File Handling.
9. List Comprehension, Iterators, Generators.
10. Functional Programming: Maps, Filters, Lambda.

g.w. prasanna

Course Coordinator

Aswath

Head of the Department

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Schedule of Python for ECE Syllabus

Day-1:

FN Inauguration of the Program and speakers talk about the objectives of the event

AN Python Introduction, Literate Programming, Jupyter Notebook Environment

Day-2:

FN Markdown format for documentation, Python basics, Keywords in Python, Operators in Python, Conditional Statements.

AN Practice session.

Day-3:

FN Iterations, Jump Statements (Break, Continue with examples), continue (with example)

AN Practice session.

Day-4:

FN Iterations, Jump Statements (Break, Continue with examples), continue (with example), Functions, Arguments in Functions, Strings, Python Data Structures.

AN Practice session

Day-5:

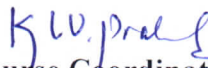
FN Lists, List Methods, Tuples, Tuple Methods, Dictionaries, Dictionary Methods, Sets, Set Methods, Packages and modules.

AN Practice session

Day-6:

FN Lists, List Methods, Tuples, Tuple Methods,

AN Assessment test & valedictory.


Course Coordinator


Head of the Department


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