

Welcome to the Capstone Course on “PYTHON PROGRAMMING: Basic to Advance Learning”, 21st June to 21st July, Organized by R-Labs, Center of Excellence, SVPCET, Nagpur in association with STEM Labs, SVPCET, Nagpur This Capstone Course is conducted online by Team R-Labs which include student mentors and a faculty mentor.

The course is focused on the key concepts related to Python Programming Language and topics included are as follow:

Sr. No	Topic
1	Introduction Environment Setup
2	Basic Syntax
3	Variable types
4	Operators
5	Decision Making
6	Loops
7	Numbers
8	Strings

Sr. No	Topic
9	Lists
10	Tuples
11	Dictionary
12	Functions
13	Modules
14	Numpy
15	Pandas
16	Project

Resources of topics which include reading material and video links will be available on Google Classroom . Participants have to study the topic thoroughly, complete practice examples and have to submit assignments. Also they have to appear for online MCQ test every alternate day.

Schedule For Activity

Time	Activity
2:00 p.m.	Reading and practice material will be released on the Google Classroom
6:00-7:00 p.m.	Doubt Solving session by mentors in respective group
3:00-3:30 p.m.(Next day)	Online Test – MCQ
4:00-4.30 p.m.(Next day)	Submission of assignment

**NOTE - The rules for the submission will be given in Read Me file with assignment.*

Participants will be evaluated on the basis of submitted Assignment and Online MCQ test. Participants can interact with R-labs students mentors in the respective groups

...HAPPY LEARNING!!!...