

PYTHON

Batch 8





Contents

- Course Overview
- Course Motivation
- Introduction to Python



Why did you choose this course?

- Fundamentals of Python
- Achieve a Certificate (Upon successful completion)
- Develop a Digital Skill
- Project Based Learning
- Problem Solving Skills

Course Details



- Course: Basic Programming with Python
- 60 hours (20 Lectures)
- **Assessment**
 - Class attendance: 10%
 - Quiz: 10% [2/3]
 - Assignment: 10% [1]
 - Mid-term assessment: 20% [in 9th Session]
 - Final Evaluation: 25%
 - Project: 25% [before final exam, hosted on Github]
- Class Routine

Course Completion Criteria



- Attendance: > 80%
- Assessment Marks: $\geq 60\%$
- Digital Profiling
 - LinkedIn Profile Link
 - Github Project Link
 - Freelancing Profile Link (Upwork/ Fiverr/ Freelancer)

Assessment and digital profile information



Attendance (out of 10) *

Midterm assessment marks (out of 20) *

Quiz assessment marks (out of 20) *

Project assessment marks (out of 25) *

Final assessment marks (out of 25) *

LinkedIn Profile *

Link of Projects Repository *

Link of Freelancing Profile *

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Course Contents



- Fundamental of Python
- Programming with Python
- Problem Solving

- Git and Github
- Project Submitting in Github
- Digital Profiling ([LinkedIn](#), [Github](#), [Freelancing](#) [[Upwork](#), [Fiverr](#), [Frelancer](#)])



Prerequisite to Develop

Basic Computer Operations

Programming Skills (Not Mandatory)

Computer Fundamentals



- File and Folder Management
- File Extensions
- Typing
- Editors
- Browsers
- Keyboard shortcuts

Terms to know



- Python programming
- Programming
- Algorithm & Flowchart
- Digital Skills
- Data Science
- Artificial Intelligence (AI), Machine Learning (ML)
- Applications of Python



References

- Tutorial:
<https://www.w3schools.com/html/default.asp>
- Resources:
<https://github.com/samsuddoha/Python8-P4>