

Opportunities in Python Course

● Python Programming Course Overview:

Introduction to Python Programming course students get a hands-on academic experience. Independent start with the Python programming fundamental of writing and running Python scripts and then move on to learning more advanced Python programming features such as file operations, regular expressions, working with binary data, and using the extensive functionality of Python modules. In this Python Fundamentals course importance is placed on features unique to Python, such as tuples, array slices, and output formatting.

This Python Programming Fundamentals course is a practical introduction to a working programming language, not an academic overview of syntax and grammar. After completing this course students will immediately be able to use Python to complete tasks in the real world.

The examples and problems used in this course are drawn from diverse areas such as text processing, simple graphics creation and image manipulation, HTML and web programming, and genomics.

● Learning Objectives of Python

- To understand why Python is a useful scripting language for developers.
- To learn how to design and program Python applications.
- To learn how to use lists, tuples, and dictionaries in Python programs.
- To learn how to identify Python object types.
- To learn how to use indexing and slicing to access data in Python programs.
- To learn how to write functions and pass arguments in Python.
- To learn how to build and package Python modules for reusability.
- To learn how to read and write files in Python.
- To learn how to design object-oriented programs with Python classes.
- To learn how to use exception handling in Python applications for error handling.

● Scope of Python

- Python supports multiple programs
- Chosen Language for Artificial, machine language expert
- It has a large set of multiples and tools
- It supports broad community support
- For better code readability it is designed
- Few lines of codes are only used in python language.

● Highlights of Python:

Python Course Level	an undergraduate level course. Or 3 month to 1 year course.
Python Course Duration	3 months & Advance python 6 months
Python Eligibility	You need to be 12 th pass and with computer literacy
Python Course Fee	As per Training Institutes OR BBA(CA) course fee.

Python Examination Type	The exams are conducted in a semester pattern in college degree OR certification exam in Training Institutes.
Python Admission	To get admission in college, you may have to give a competitive entrance exam, or you have to know computer literacy
Python Average Salary	Python Certification make an average start salary in the range of INR 2 lakhs to 10 lakhs.
Python Recruiting Companies	Accenture, Biocon, Bajaj, Dell, Genpact, Ford Motors, IBM, ICICI, and HDFC Bank

- **After Completion of Python Course:**

On completion of this course successfully, the graduates can have plenty of prospective job opportunities in major fields, like banking sectors, IT industry, central services, defense services, Artificial Intelligence, Big Data, Networking, and more.

The graduates are hired as a Software Developer, Application Developer, Web Developer, DevOps Developer, Data Scientist, and more.

- **Python Course Eligibility Criteria**

The Python Course Certification OR you can learn in BBA (CA) graduation Degree. Therefore, only those who clear these criteria can think of pursuing the course.

- A candidate is eligible for admission to the Degree in Bachelor of Business Administration – Computer Application after passing 12th Std. examination (H.S.C. 10 +2) from any stream with English as passing subject and has secured 40% marks at 12th std.
- Three Years Diploma after S.S.C. i.e. 10th Standard of Board of Technical Education conducted by Government of Maharashtra or its equivalent.
- Two Years Diploma in Pharmacy after H.S.C., of Board of Technical Education conducted by Government of Maharashtra or its equivalent.
- MCVC
- Candidate have Basic Computer Knowledge

- **Python Course Duration**

The BBA in computer application degree is a 3-year course. Each year is divided into 2 semesters, resulting in a total of 6 semesters for the whole degree course.

In training Institute Python Course Certification Duration 3 months for Basic Python Skill and For Advance Python Certification 1 Year Duration for Keen Knowledge of Web Development.

And Python + Machine Learning or Python + Artificial Intelligence or Python + Deep Learning Course Duration 6 months or 1 year Duration.

- **Career/Jobs Opportunities after Python Course:**

The career opportunities for Python Certification can be classified into different categories: programming and Web development, Artificial Intelligence, Big Data, networking, Machine Software Development, Search Engine Development with Best Facility, graphics & multimedia, training and support and computer industry specialist.

Software Developer	Web Designer	Python Full Stack Developer
Technical Support Engineer	IT Sales Executive	Software Analyst
Database Expert	Software Engineering	Hardware Expert
Programmer	Quality Assurance	Database Administrator
System Analyst	Software Tester	Security Expert

Once you have earned this Python Certification you can be assured about finding jobs in various emerging sectors.

- **Banking:** This proves helpful in taking up jobs in the banking sector.
 - **Automobile:** This is AI Revolution in Auto Industry. Facility given like automatic braking, driver drowsiness detection, lane departure warning, robotic driving, reverse sensors with zero fault percentage.
 - **Supply chain Business:** Robots work with humans to tending machines, handling materials, performing tests and packing finished products.
 - **Information Technology:** The Python Certification is designed to train IT professionals. It teaches you the various advanced computer applications and how they help companies and the general public.
 - **Defense:** In the defense sector, candidates with Advance Python Certification and Artificial Intelligence are appointed as Ground Duty Officer, Research Officer, Research Associate and Military Intelligence Specialist.
 - **Education:** You Can Become a Python Trainer in Education Sector. And also Python Trainer in IT Industries for Fresher candidate hire form IT company.
- **Salary after Python Course in India**

Salary is the biggest motivating factor for choosing a course. Therefore, knowing about the salary you can get with a Python Certification will help you decide the potential of the course.

Entry-level – INR 3 lakhs

Mid-level – INR 6 lakhs

Top-level – INR 10 lakhs and above

- **Benefits of Doing Python Course:**

The following are some of the benefits of the Python Course:

- **Tech Skills & Soft Skills** – In your Python course, your tech skills and soft skills will be honed, and recruiters actively for candidates with both.
- **Job Opportunities** – This certification will make you a highly employable professional, and the job offers will start coming in from the moment you become a Python certified with Advance Skill.
- **Tech-based Careers** – Experts predict that tech-based careers are going to be the most popular careers in the future resulting in great potential and job security.
- **Salary & Benefits** – The Python course will get you careers that come with a good salary and benefits package.
- **Stepping Stone for Higher Learning** – After Python Certification, you can opportunity for Data Scientist, Machine Scientist etc.