PYTHON
PROGRAMMING
BROCHURE

Connecting The Unconnected

ABOUT US

We are a fast emerging company imparting quality and affordable programs for colleges and individuals for digital economy skills training, internship and guidance focused on helping people develop the skills they need to thrive in the rapidly growing digital economy.

'The IoT Academy' has made a niche name for itself providing rigorous online training in Internet of Things (IOT), embedded systems, Big Data, Data analytics, Industrial IoT, Industry 4.0, Python, Artificial Intelligence, Digital marketing and Machine Learning. Based in Delhi NCR since 2017 we have helped 150+ professionals, 600+ students and 100+ faculties across the states get trained, acquire certifications, and upskill their employees.

MISSION

We aspire to provide learners an edge over the career they choose to stand out amongst today's competitive world through support in training and various academic and industrial collaborations.

VISION

At IoT Academy We believe that the future is about Unified and Converged technologies as reflected in our mission statement. Every aspect of life will eventually lead in bringing forth a unified world of immense possibilities.

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Our Services
For Educational Insitutes

05

Lab Setup
We provide hardware and support in lab setup for IoT and LPWAN.

04

Workshop/Seminars
We conduct workshop and seminars on emerging technologies which are given by industry experts.

03

Center of Excellence
Under our 'Center of Excellence' offering we provide all the services apart from encouraging R&D and entrepreneurship efforts by guiding both faculty and students.

02

Faculty Training
We provide training to faculties of educational institutes under our 'Faculty Development Program' so that they become aware of how new technology is used in industry and they can impart the same knowledge to their students

01

Student Training
We provide training to students on various topics including the emerging technologies which are targeted towards making them more relevant and employable as per the industry.

Our Services
For Students

05

Internships
We provide interships to students where they are able to work in a professional environment and learn a lot.

04

Projects
We help students design and implement projects whether a small one or a big one on any topic within the scope of all the subjects that we provide training for.

03

Placements
Our complete training programs comes with 100% placement guarantee as the courses are designed specifically keeping enhancing skills for jobs in mind.

02

Summer/Winter Training
Short duration trainings during summer and winter breaks are designed keeping school & college students in mind. Our aim is to give in-depth knowledge to students on a particular topic of their choice within the time frame.

01

Training
We provide training to students on various topics including the emerging technologies which are targeted towards making them more relevant and employable as per the industry.

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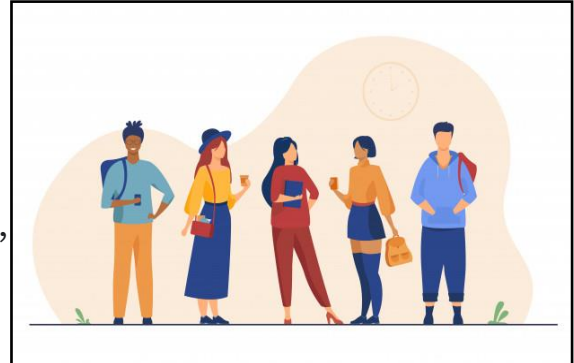# Why Choose Python Programming?

For Entrepreneurs

- ❑ Business to generate income
- ❑ Build a real-world web application

For Student

- ❑ Perfect for beginners
- ❑ Offers an Interactive environment
- ❑ Marketable Skill
- ❑ Develop desktop GUI applications, websites and web applications
- ❑ Great Career Opportunities

For Working Professionals

- ❑ Build websites
- ❑ Solve problems related to data analytics
- ❑ Write codes reusable and efficient codes
- ❑ Optimize data algorithms
- ❑ Implement data protection and security

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Educational Partners

E&ICT, IIT Kanpur

E&ICT, IIT Guwahati

E&ICT, IIT Roorkee

NIT Patna

ASTU University

J.S.S. Noida

IPEC

BVM Engineering College

BVP Pune

Jamia Hamdard

ITS Ghaziabad

VSSUT Odisha

JIIT Noida

JNTU Hyderabad

VIGNAN'S

Corporate Partners

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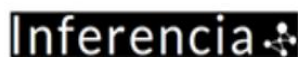
OUR PLACEMENTS

CONGRATULATIONS!

To our students who have worked so hard to be placed within the Top Companies.

Prakhar Maheshwari
Capgemini

Saumya Singh
Bosch

Anjuli Agarwal
TCS

Yogesh Mishra
UniConverge Technologies

Tanu Chinwan
Capgemini

Raghav Aggarwal
Aerogram

Vaishali Singh
eWandzDigital Services

Ayush
TCS

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OUR CERTIFICATION

CERTIFICATE
OF TRAINING

THIS IS TO CERTIFY THAT

Sample Name

From

College Name

HAS SUCCESSFULLY COMPLETED THE TRAINING IN

Python Programming

Issue Date: xx xxx xxxx   Certification ID: TIARG072XXX

21st June 2021 - 21st July 2021
DATE

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SIGNATURE

The IoT Academy

IoT Academy Trainees are working at

incedo
WHERE INNOVATION PROPELS

PaqeTraffic
GET NEW CUSTOMERS EVERYDAY!

CREDENCE
DIGITAL MARKETING

thomas cook.in
Travel Smooth

policybazaar.com
Compare. Buy. Save.

ONLINE PRESENCE

tcs

DIGITAL PROFICIO
GO SOCIAL

Aakash
Medical|IIT-JEE|Foundations

CyberMedia

SANCHAY
SANCHAY TECH

Web Colors
Providing Opportunities!!!

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COURSE CURRICULUM

01 Core Python

- Getting Started With Python
- Python Basics
- String Processing
- Constructs In Python
- Functions(Methods)
- Data Structures In Python
- Comprehension
- Advanced Functions & Concepts

- Decorators & Generators
- Classes & Objects
- Polymorphism
- Inheritance
- OOPs Concepts
- Python Modules & Packages
- File Handling with File I/O

02 Advanced Python

- Exception Handling
- MySQL Database Queries
- Database Access In Python
- Arrays Module
- Collections Module
- Date & Time Concepts
- Multi-Threading
- Multi-Processing
- XML Processing
- CGI Programming

- Python Libraries
- Anaconda
- Matplotlib
- NumPy
- SciPy
- Pandas
- Network Programming
- Image Processing
- Serialization In Python
- Regular Expressions

03 Project

- GUI Programming Using Tkinter
- Standalone Application Project Using Tkinter
- Bonus Lectures

Flexible Batches at The IoT Academy

Online Training

Duration	Weekday batch	Weekend Batch
45 Days	**MON - THUS**	**SAT & SUN**

Classroom Training

Duration	Weekday batch	Weekend Batch
45 Days	**MON - THUS**	**SAT & SUN**

Interested?

Get a Free Demo Session

Book Now

Thank You!

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