MAKE Clouds
DESIGN . DEVELOP . DELIVER.

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Value Added Course for Python Programming

To,

The Principal / Hod ,
Sri Vijay Vidyalaya College of Arts and Science,
Bargur.

Dear Sir/Mam,

On behalf of Make Clouds, Bangalore, we are interested in conducting a Value Added Training Program at your esteemed institute for the benefit of your students.

The program aims to provide awareness and hands-on exposure to the latest technologies and industry-oriented practices, along with guidance on interview skills, communication, and career readiness.

Make Clouds is a reputed training organization focused on making students self-reliant, skilled, and industry-ready professionals by bridging the gap between academic learning and industry requirements.

To keep learners updated with the rapidly evolving technological landscape, Make Clouds offers high-quality training, career guidance, industry–institute interaction, and internship programs.

Our industry-demanded courses designed by experienced professionals include IOT, Cloud Computing, Software Development, Data Science, AI, Cybersecurity and Digital Marketing delivered through hands-on training and real-time projects to help students confidently succeed in their careers.

Syllabus for Python programming :

MODULE 1: Python Fundamentals (8 Hours)

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1. Introduction to Python (2 hrs)

- History & features of Python
- Applications of Python
- Python installation & IDE setup
- Running Python programs

2. Python Basics (3 hrs)

- Variables & data types
- Keywords & identifiers
- Input and output functions
- Type conversion

3. Operators & Expressions (3 hrs)

- Arithmetic, relational, logical operators
- Assignment operators
- Expressions & precedence

MODULE 2: Control Structures & Functions (8 Hours)

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1. Conditional Statements (3 hrs)

- if, if-else, nested if
- elif ladder
- Practical examples

2. Looping Statements (3 hrs)

- for loop
- while loop

- break, continue, pass

3. Functions (2 hrs)

- Defining functions
- Function arguments
- Return statement
- Lambda functions

MODULE 3: Data Structures & OOP (10 Hours)

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1. Python Data Structures (5 hrs)

- Lists
- Tuples
- Sets
- Dictionaries
- Operations & methods

2. Object-Oriented Programming (5 hrs)

- Classes & objects
- Constructors
- Inheritance
- Polymorphism
- Encapsulation

MODULE 4: File Handling & Libraries (8 Hours)

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1. File Handling (4 hrs)

- File modes
- Reading & writing files

- CSV file handling
- Exception handling

2. Python Libraries (4 hrs)

- math, random
- datetime
- os, sys
- Introduction to NumPy & Pandas

MODULE 5: Projects & Applications (6 Hours)

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1. Mini Projects (4 hrs)

- Number guessing game
- Student management system
- Simple calculator
- File-based application

2. Project Presentation & Evaluation (2 hrs)

- Debugging
- Code optimization
- Best coding practices

BENEFITS TO STUDENTS

1. Enhanced Employability -Develop in-demand Python Programming skills that improve job prospects and career growth.
2. Industry-Relevant Learning – Gain hands-on experience with modern tools, technologies, and real-world development practices.
3. Practical Exposure – Work on live projects and real-time case studies to bridge the gap between theory and application.
4. Skill & Confidence Building – Strengthen technical abilities along with problem-solving, teamwork, and communication skills.

5. Competitive & Career Advantage – Stand out in campus placements and interviews with practical knowledge and project experience.

BENEFITS TO THE COLLEGE

1. Enhanced Institutional Reputation – Positions the college as an industry-oriented, career-focused institution delivering job-ready graduates.
2. Improved Placement Outcomes – Strengthens campus placement performance through enhanced student employability and practical skills.
3. Industry Collaboration & Partnerships – Enables long-term collaboration with industry experts, training organizations, and technology partners.
4. Accreditation & Ranking Support – Contributes positively to NAAC/NBA criteria related to skill development, employability, and value-added programs.
5. Curriculum Enrichment & Innovation – Complements the academic curriculum with current industry practices, fostering a culture of continuous learning.

FINANCIAL TERMS:

The cost for the above-mentioned course of Make clouds is Rs. 13500 Per module with free certificate and E-Materials. The quote for above (VAC) training after discount is,

Quotation

S.No	Content	Per Modules	Total
1	Python Programming course fee	Rs: 400 / per student	.
2	Course certificate	Without charge	0
3	E-Material for complete course	Without charge	0
4	Make Academy (LMS) website	100% Discount for 6 months	0