Subharti Institute of Technology and Engineering
Swami Vivekanand Subharti University, Meerut
(Approved by AICTE)
Subhartipuram, NH-58 Delhi-Haridwar Bypass Road, Meerut-250005 (U.P.)
Ph.: 0121-2439157, Ext. 2222, 2221, Fax: 0121-2439108
E-mail:principal.site@gmail.com,principal.engg@gmail.com, Website: www.subharti.org

VALUE ADDED COURSES

SESSION : 2017-18

COURSE NAME: PYTHON
COURSE CODE: ET-VA-11

1. BROCHURE

ORGANIZING COMMITTEE

CHIEF PATRON:
Dr. Amit Asthana, CSE

PATRON:
Er. Amit Kishor, CSE

CHAIRMAN:
Er. Garima Jain, CSE

CO-ORDINATORS:
Er. Surbhi Agarwal, CSE

ADVISORY COMMITTEE:
Er. Diksha Maurya, CSE

CONVENERS:
Er. Archita Bhatnagar, CSE

LOCAL ORGANIZING COMMITTEE:
Er. Ashutosh Shukla, CSE

ABOUT THE VALUE ADDED COURSE:

No university curriculum can adequately cover all areas of importance or relevance. It is important for higher education institutions to supplement the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes.

Our college offers a wide variety of short term certificate courses which are conducted after class hours or during semester breaks. These courses are conducted by professionals and industry experts and help students stand apart from the rest in the job market by adding further value to their resume.

IMPORTANT DATES:
Last date for Receipt of Application:
20th September 2017
Last date for receipt of confirmation from the applicants:
25th September 2017

VENUE

Subharti Institute of Technology & Engineering, SVSU, Meerut

ABOUT INSTITUTE:

The Subharti Institute of Technology and Engineering, Meerut is one of the premier technical Institute of Engineering and Technology in Uttar Pradesh, India. It is committed to achieve quality and excellence in academic pursuits

VALUE ADDED COURSE on
PYTHON
(PYTHON-2017)

SWAMI VIVEKANAND
SUBHARTI UNIVERSITY

30th September, 2017 to 9th December 2017

Organized By
Department of Computer Science & Engineering
Subharti Institute of Technology
& Engineering

Contact:
Er. Archita Bhatnagar
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Subharti University, NAAC A Grade
Subharti Institute of Technology and
Engineering,
Shubhartipuram, Meerut – 250005
Web: https://www.subharti.org

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2. REGISTRATION FORM:

Value Added Course on

Python
(Python-17)

Organized By

Department of Computer Science & Engineering
Subharti Institute of Technology and Engineering,
Subhartipuram, Meerut – 250005

REGISTRATION FORM

1.Name: ....

2.Father's Name: ....

3. Institution : ....

4. Designation : ....

5.E-mail ID: ....

6.Mobile no.: ....

7.Aadhar no.: ....

8. Address for correspondence: ....
....
....

9. Subjects taught so far: ....
....

10. Educational Qualification: ....

11. No. of refresher courses/workshop

attended: ....

12. Experience (in years): ....

Place:
Date:

Signature of   Signature & Seal
Applicant   (Head of Dept./Institute)

Swami Vivekanand
Subharti University
MEERUT

Department of Computer Science & Engineering/Information Technology

Value Added Course

"Python"

Programm Code
CSV -17

Course objective:-

- To spread the knowledge about the Data Science and leverage the power of Python.
- To provide hand-on experienceto facilitate data analysis and visualization.
- To understand why Python is a useful scripting language for developers.

S.NO	Syllabus	Duration (hours)	L	T	P
1	**BASICS OF PYTHON:**Entering and Storing Data-Binding Values to Names- More Python Syntax Basics-Reading and Converting User Input. Making Decisions-Conditions in Python- Making Decisions: Simple if Statements.-Multiple Choice Decisions	3	3	0	0
2	**ITERATION AND LISTS:**Iteration: For and While Loops- Terminating the Current Iteration. — Sequence Containers: Lists and Tuples- Writing Lists and Tuples-Accessing Sequence Values- Manipulating Lists and Tuples.	3	3	0	0
3	**SETS AND DICTS:**Sets and Dicts- Creating Sets-Working With Sets- Working with Dicts- Applying Dicts: Counting Words.	4	2	0	2
4	**FORMATTING:**String Formatting- The format() Method- Function Arguments- Format Field Names-More About Looping-- Fun with the range() function-While Loops and User Input Validation.	6	2	0	4
5	**FILES:**Reading and Writing Files- Creating a New File- Writing to a File- Reading Files as Text, Python's BuiltIn Functions- abs(x)- bool(x)- chr(i), The Python Standard Library- Namespaces- Python Modules.	3	1	0	2

Course outcome:
- Explore and understand how to use the Python documentation.
- Exploring the various packages of Python
- Dealing with missing data
- Manipulate strings in python
- Explore to design GUI Applications in Python and evaluate different database operations.
- Design and develop Client Server network applications using Python
- Understand and summarize different File handling operations
- Test and debug programs (nd out what is wrong and fix it)

Registrar
Swami Vivekanand
Subharti University
MEERUT

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VALUE ADDED COURSES

SESSION : 2017-18

COURSE NAME: PYTHON
COURSE CODE: ET-VA-11

LIST OF STUDENTS

S.NO	ENROLMENT NO.	NAME
1	1501010001269	ABHAY YADAV
2	1501010001274	ARMAN UL HAQUE
3	1501010001256	BADAL DHAKA
4	1501010001258	CHAND
5	1501010001255	DEVYANI VERMA
6	1501010001277	GAURAV KUMAR SOAM
7	1501010001278	HARSH KUMAR
8	1501010001260	ITI RANA
9	1501010001259	KM SHIKHA RANI
10	1601018800249	KM VIBHA SINGH
11	1601018800250	KM. UJJWAL
12	1501010001272	KUNAL SHARMA
13	1501010001261	MANU CHAUDHARY
14	1501010001271	MEENU KUMARI
15	1501010001265	NIDHI KUMARI
16	1501010001275	PIYUSH PANDEY
17	1501010001266	RAHUL KUMAR
18	1501010001268	RAM JEE KUMAR
19	1501010001263	SATYAM SINGH
20	1501010001276	DUSHYANT GAIROLA
21	1501010001264	GAURAV SHARMA
22	1501010001262	PRAVEENA KUMARI
23	1601018800362	SHIVAM GARG

SUMMRAY:

VALUE ADDED COURSE-

"Python"-2017 (CSV-17)

Course Motivation: Python is one of the top 10 popular programming languages of 2017. Python is a general purpose and high level programming language. Python for developing desktop GUI applications, websites and web applications.The simple syntax rules of the programming language further makes it easier for you to keep the code base readable and application maintainable. There are also a number of reasons why you should prefer Python to other programming languages.

Prerequisites: Experience with a high level language (C/C++, Java, MATLAB) is suggested. Prior knowledge of a scriptinglanguage (Perl, UNIX/Linux shells) and Object-Oriented concepts is helpful but not mandatory.

Features of Pythons:

- Readable and Maintainable Code is quit easy in python programming
- Multiple Programming Paradigms are available
- Python is compatible with Major Platforms and Systems
- It is enrich with robust Standard Library
- Many Open Source Frameworks and Tools are freely available in python
- It Simplify Complex Software Development
- Also Adopt Test Driven Development

Importance of Python in industry: Professionally, **Python** is great for backend web development, data analysis, artificial intelligence, and scientific computing. **Python** is one among the most **popular** dynamic programming languages that is being used today. Several websites state that **Python** is one among the most**famous** programming language of 2016. Because of its implementation and syntax, it pressures more on code readability. More and more job opportunities in the field of python can be observe. Therefore, to fill the gap between the educational industries and industry this value added course will be very beneficial.

Certificate sample

SUBHARTI
UNIVERSITY
Meerut

UGC Approved

ACCREDITED WITH GRADE
A
NAAC

Where Education is a Passion ...

CERTIFICATE OF COMPLETION OF VALUE ADDED COURSE
On
Python Programming
(30th September 2017 to 9th December 2017)

This is to certify that **Ms./Mr.** ....of III year
CSE has **successfully completed the course on** "Python Programming", organised by Computer
Science Engineering Department, Subharti Institute Of Technology & Engineering

Dr. Amit Asthana	Er. Amit Kishor	Er. Garima Jain
Chief Patron	Patron	Chairperson

Registrar
Swami Vivekanand
Subharti University
MEERUT