

Faculty of Computing Sciences and Engineering

Department of Computer Science and Applications

VALUE ADDED COURSE on PYTHON

Academic Year-2019-2020

The Department of Computer Science and Applications organized a Value Added Course on Python Programming. It scheduled between 26.08.2019 to 13.09.2019. It would be a platform to develop the skill of the students in technical base. The course bringing the employable skills and help our students gain exposure to the latest technologies and also o provide an opportunity to develop inter-disciplinary skills.

Training Schedule

Date	Session	Topics	Resource Person
26.08.2019	2.00 pm to 2.15 pm	Inaugural Function	S.Shyamala
	2.15 pm to 2..30 pm	Tea Break	
	2.30 pm to 4.30pm	Introduction to python :Environment setup, Basic I/O	
27.08.2019	2.00 pm to 4.30pm	Conditional branching control statements: IF-Else, Elif. Conditional Looping control Statements: While, do-while, for.	S.Shyamala
28.08.2019	2.00 pm to 4.30pm	Functions-Functions Arguments –Default ,Keywords, Arbitrary Functions –Recursion, Lambda function	S.RVignesh
29.08.2019	2.00 pm to 4.30pm	Data structures –List , Tuple, Stack, Queue Data structures-Dictionary, Set in details	S.RVignesh
29.08.2019	2.00 pm to 4.30pm	Modules and packages –user program as modules and packages Files –Different types of files-file operation	S.RVignesh
30.08.2019	2.00 pm to 4.30pm	Errors and expectations handling-errors. assert, try, except, finally Exceptions Try, Finally ,user defined exception	S.Shyamala
04.09.2019	2.00 pm to 4.30pm	Object oriented programming –Class ,object, inheritance and polymorphism Reference Types-Iterator,Generator	S.Shyamala
05.09.2019	2.00 pm to 4.30pm	References types-Closures, Decorators.Thread-Multithread.	S.RVignesh
06.09.2019	2.00 pm to 4.30pm	Graphical user interface-Textbox,Listbox,Option Button ,Menu, Canvas Database connectivity-Mysql,Create table, Insert Table, View the table	S.RVignesh
09.09.2019, 10.09.2019,	2.00 pm to 4.30pm	Networking –Client and server program. Standard Library-Support the advanced library	S.Shyamala
11.09.2019, 12.9.2020 &	2.00 pm to 4.30pm	Project	S.Shyamala S.RVignesh

VALUE ADDED COURSE on PYTHON - REPORT**Academic Year-2019-2020**

Ms.Shyamala S – CADD Centre – Centre Manager, who has demonstrated about Python for 400 students of PMIST CS Students.

Mr.SR.Vignesh- Livewire – IT Consultant, who has trained totally 161 students, gained knowledge in Python and benefited out of it.

Brochure :

Periyar Maniammai Institute of Science & Technology

PMIST is proud to be a unique institution of higher learning and academic excellence. In an endeavour to fulfil the dreams of our Mentor Thanthai Periyar and Annai Maniammai, the University is dedicated to its societal responsibility for transforming students from different parts of India and abroad into stalwarts by igniting their hidden talents. As it is located in a rural area, the students are admitted from a wide range of calibre and by personal attention, and modern teaching methodology towards a Product / Process / Demo / Case Study teaching, they are shaped into career oriented professionals with bright future.

Livewire - For Live Careers

Livewire - a Division of CADD Centre Training Services Pvt Ltd is a World-Class innovative training organization headquartered in Chennai, India. Our Mission has always been to combine academics and entrepreneurial approach to maximize the potential of both individuals & organization through globally accredited Livewire Programs. This impeccable approach helps us to demonstrate our Commitment by Producing Professional -minded Graduates.

Our Program

Our training solutions in IT,ITeS, Engineering Design and Process Management (EDO/EPO) Knowledge Process Outsourcing (KPO),Business Process Management(BPM),IT Service Management(ITSM) and Executive Management Skill enhancement has imparted over thousands of learners since inception. LIVEWIRE's educational process,curriculum,Instructional excellence and training delivery made LIVEWIRE as the most preferred training partner for over thousands of students.LIVEWIRE hopes to be among the leading training organizations in the world within the decade.



Value Added Training

Bringing employable skills to the Classrooms!

To help our students gain exposure to the latest in technological developments, to provide an opportunity to develop inter-disciplinary skills and to equip them with skills which shape a global citizen's profile The main objective is improving the employability skills of arts & science students of PMIST

The Course has been Delivered by industry experts, they bring the knowhow of cutting edge technology to the college doorstep. Students have the options to choose from a host of courses as per their inclination at a nominal fee. These include courses on Software Development IT Infrastructure Management Electronic Design Automation , Industrial Automation and Special Programs which includes Cloud Computing , Internet of Things , Machine Learning , Artificial Intelligence , Block Chain Ethical Hacking,Automotive Embedded system, Data science etc..

Our Key differentiators is our true customized training programs to empower graduating students to meet the global demand.

Course on Python

Python is a simple and powerful programming language. It has efficient high-level data structures and effective approach towards object-oriented programming. The language possesses syntax and dynamic typing, making it a supreme choice for rapid application development and scripting on almost all the platforms.It can be used for everything from software development, web development, Data Analytics and scientific applications. Owing to the fact that Python is one of the easiest programming languages to learn, it has become the first and foremost choice for individuals going forward. There is a rapid proliferation in the market for the individuals who are equipped with Python skills. We aim to acquaint country's students with this language in order to improve their employability quotient and worthiness in the market.



Certificate :

INSTITUTIONAL COURSE
CERTIFICATE OF COMPLETION




AWARDED TO : AGALYA S

DEPARTMENT : Department of Computer Science and Applications 17-02-2020
Date of Issue

IN : Course on Python Senthilnathan
Centre Head

AT : Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur

BY : Livewire, Thanjavur 
Managing Director

DURING : September 2019 **STUDENT ID NO.:** LWR190830003


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