

**Five days Value added course**

**On**

**“IT6903 PYTHON PROGRAMMING “**

**In association with**

**Infoziant Pvt Ltd and Manya -The Princeton review  
(MOU signed companies)**

**DECEMBER 04<sup>th</sup> to 08<sup>th</sup>, 2018.**

**A Report**

**Organized by**



**Sri Venkateswara College of Engineering  
Department of Information Technology  
Pennalur, Sriperumbudur Taluk,  
Tamilnadu- 602 117**

*To: HOD-IT  
Noted;  
Good effort,  
Keep it up  
S. Praveen  
14/2/19.*

*forwarded to principal  
[Signature]  
14/2/19.*

# SRI VENKATESWARA COLLEGE OF ENGINEERING

## Department of Information Technology

27/11/2018

### Submitted to the Principal:

**Subject: Requisition of permission to conduct 5 Days Value added course on "Python Programming".**

It is proposed to conduct five days Value added course on "Python Programming" by the Department of Information Technology during 04<sup>th</sup> December to 8<sup>th</sup> December 2018.

### Objective

- To explore Python Programming from Fundamentals to Advanced Topics.
- To provide practical knowledge of its usage in Application development.
- To analyze and create stunning visualizations based on real data.
- To create interactive web applications.

### Venue

Workshop will be conducted at the premises of Sri Venkateswara College of Engineering.

### Intended Audience:

Students from all branches of Engineering.  
Internal ,External faculty and staff members.

### Resource Persons:

#### External:

M/s Infoziant – MOU Signed Company.  
Mr.Manikandan – Alumnus, SVCE.

#### Internal:


IT Faculty Members.

It is requested that the proposal may be kindly approved.

R. Saktheeswari  
27/11/18

P. Nirmala  
27/11/18  
Coordinators

R.Saktheeswari, AP/IT  
P. Nirmala, AP/IT

  
27/11/18

HOD/IT i/c  
Dr.V.Vidhya

To: HOD-IT  
Approved  
28/11/18

Sri Venkateswara College of Engineering  
Sriperumbudur- 602117

DEPARTMENT OF INFORMATION TECHNOLOGY



Solicit your esteemed presence for the

INAUGURAL FUNCTION OF

**FIVE DAYS VALUE ADDED COURSE  
ON  
“PYTHON PROGRAMMING”**

**In Association with  
Infoziant Pvt Limited and Manya, The prinston –review  
(MOU signed companies)**

Presided by

Dr.K.S.BADRINATHAN  
Professor , Dean - Educational Development  
Department of Mechanical Engineering  
SRI VENKATESWARA COLLEGE OF ENGINEERING

Venue : Computer Lab ,Marine Block

Time : 8.45 A.M.

Date : 4<sup>th</sup> December ,2018.

**ALL ARE WELCOME**

## ABOUT SVCE

Sri Venkateswara College of Engineering is a self-financing Engineering college established in the year 1985, with three academic departments. Ever since, it has grown into a premier institution imparting knowledge and excellence through academic, research and infrastructural developments. SVCE now offers ten UG and ten PG courses in various Engineering disciplines. Many departments are recognized as research centers for Ph.D programmes by Anna University, Chennai. SVCE is involved actively in many research programmes funded by various Industries and Organizations, supported by well dedicated faculty, staff and students community. The College is situated in a quiet environment about 37 km from Chennai on the Chennai – Bangalore highway (NH 4) in an area of about 100 acres at Pennalur, Sriperumbudur.

## ABOUT THE DEPARTMENT

Sri Venkateswara College of Engineering pioneered the introduction of the B.Tech degree programme in Information Technology in the year 1996. The Department of Information Technology has well qualified faculty and is running undergraduate course in Information Technology and a postgraduate course in Computer Science Engineering with specialization in Networks. Also, the Department is recognized as Research Centre by Anna University and many scholars are pursuing their research under the same.

B.Tech(IT) course is accredited by NBA for six years. SVCE is accredited as National Resource Centre by National Cyber Safety and Security Standards and managed by the Department of Information Technology.

## VALUE ADDED COURSE ON “PYTHON PROGRAMMING”

Value added courses are the fine way to fill the gaps in your knowledge and add competitive edge to your job prospects .As systems ,programs ,practice change making it critical for job seekers to have a range of competency ,value added courses can help you to be a winner.Value added Courses are conducted by the departments to supplement the curriculum and to complement students’ knowledge and skills in their field of study. Courses offered are chosen based on current trends, relevance and value in the job-market.

### OBJECTIVES

The primary objective of this course is

- To improve the employability skills.
- To provide an understanding of the expectations of industry.
- To bridge the skill gaps and Make students industry ready.
- To provide an opportunity to develop inter-disciplinary skills.

### TOPICS TO BE COVERED

- Fundamental atoms of Python
- Control Structures on Data structures
- Algorithms and algorithm analysis
- Object Oriented Programming
- Text Processing
- CGI Programming
- Data Science and Machine Learning using python

## SRI VENKATESWARA COLLEGE OF ENGINEERING

Pennalur , Sriperumbudur Taluk- 602117  
Tamilnadu.



**FIVE DAYS VALUE ADDED COURSE  
ON  
“PYTHON PROGRAMMING”  
(DECEMBER 04 to 08, 2018)**

**ORGANIZED BY**

**DEPARTMENT OF INFORMATION  
TECHNOLOGY**

**In Association with  
Infoziant Pvt. Ltd and  
Manya,The Princeton-review  
(MOU SIGNED COMPANY)**

**FIVE DAYS VALUE ADDED COURSE  
ON**

**“PYTHON PROGRAMMING”**

**( DECEMBER 04 to 08, 2018)**

**REGISTRATION FORM**

1. Name :
2. Department :
3. Register number :
4. Semester and Section :
5. Institution / Organization :
6. Mailing Address :
- 
7. Phone / Mobile :
8. Email-id :

Place :  
Date : Signature

**GUIDELINES FOR PARTICIPANTS**

- Only Anna University affiliated college Under graduate Students will be considered for priority.
- Only 60 participants will be selected, based on the order of receiving completed application forms.
- No Participation fees.
- The classes start at 9.00 a.m and will be over by 3.00 p.m.  
Attendance Compulsory for all five days.

**IMPORTANT DATES**

Submission of Application : 01.12. 2018  
Intimation of Selection : 01.12. 2018  
Confirmation by Participants : 03.12. 2018

**ADDRESS FOR COMMUNICATION**

Phone : 044-52000,7200097531,9941484255

[hodit@svce.ac.in](mailto:hodit@svce.ac.in)  
[pnirmala@svce.ac.in](mailto:pnirmala@svce.ac.in)  
[sakthi@svce.ac.in](mailto:sakthi@svce.ac.in)

**ORGANIZING COMMITTEE**

**CONVENOR**

Dr V.VIDHYA,Professor and Head Incharge

**COORDINATORS**

Ms P.NIRMALA AP/IT

Ms R.SAKTHEESWARI AP/IT

**ADVISORY COMMITTEE**

**Dr. M. Sivanandham**  
Secretary, SVCE

**Dr. S. Ganesh Vaidyanathan**  
Principal, SVCE

**Dr.G.Sumathi**  
Professor, Information Technology., SVCE

**VENUE:COMPUTER LAB,**  
**MARINE BLOCK FIRST FLOOR,**  
**SVCE .**

**SCHEDULE FOR VALUE ADDED COURSE ON "PYTHON PROGRAMMING"**

DAY/TIME	9.00 to 10.30AM	10.45AM to 12.00PM	12.30 to 1.45 PM	1.45 to 3.00 PM
04.12.2018	Inauguration and registration	Introduction to python downloading and installing python	Fundamental atoms of programming	HANDS ON And Assignment
05.12.2018	Control structures for developing dynamic programs	Core data structures for creating useful programs	Control structures on data structures Design patterns	
06.12.2018	Object oriented program and Classes ,Modules and packages, Threading	Algorithms, sorting and searching algorithms, Algorithm analysis	Text Processing-Regular expressions and Parsing	
07.12.2018	Operations on images using python	Database programming using python	Networking AND Web ,CGI Programming using Python	
08.12.2018	Data science and Machine learning using python	Data science and Machine learning using python	HANDS ON	VALEDICTORY

*[Handwritten Signature]*  
27/11/18

# MEMORIES



**PRAYER SONG BY MS.A.SRINITHI PAVITHRA I YEAR/INT**

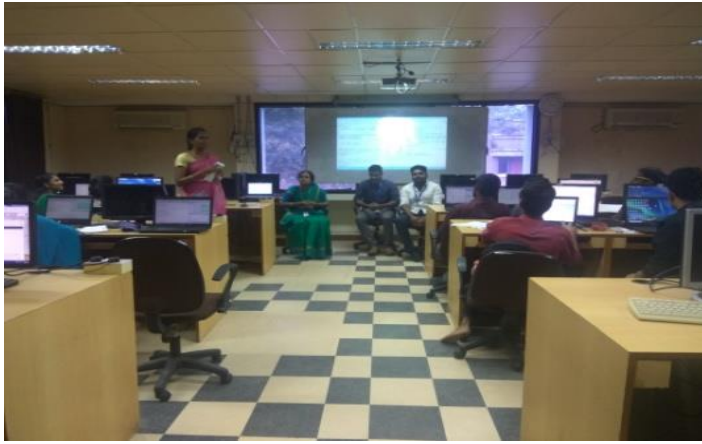


**INAUGURAL ADDRESS BY HOD/INT DR.V.VIDHYA**

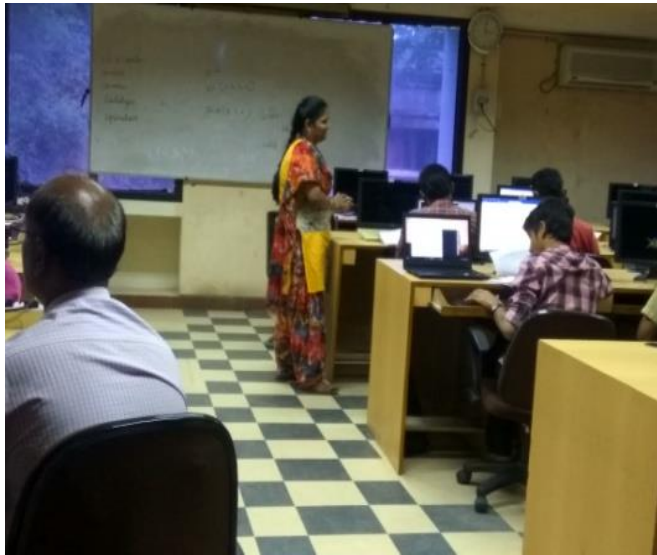


**WELCOME ADDRESS BY MS.R.SAKTHEESWARI AP/INT**

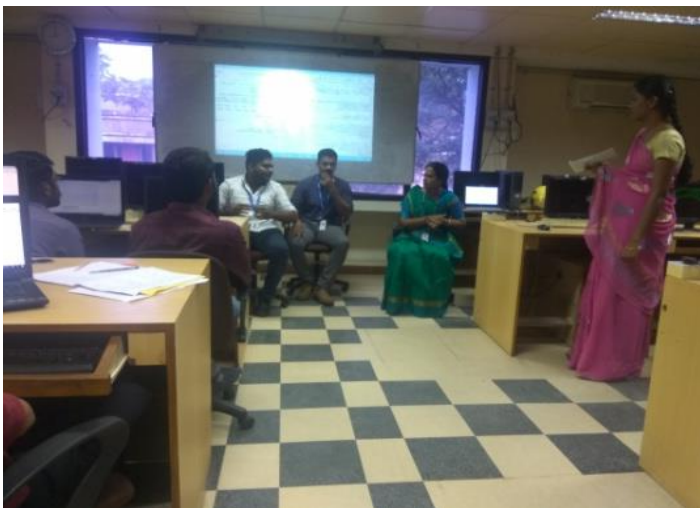
# MEMORIES



**RESOURCE PERSON INTRODUCTION BY MS.P.NIRMALA AP/INT**



**HANDS ON SESSION BY MS.M.SUGACINI AP/INT**



**TALK BY MR.KARTHIK FROM INFOZIAN**



# **MEMORIES**



**HANDS ON SESSION BY MS.V.RAJALAKSHMI AP/CSE**



**LECTURE DELIVERED BY MS.S.JANAKASUDHA AP/CSE**

# SRI VENKATESWARA COLLEGE OF ENGINEERING

Department of Information Technology

Five days Value added course on "IT6903 PYTHON PROGRAMMING"

In association with

Infoziant Pvt Ltd and Manya ,The Princeton review  
(MOU signed company)

Duration: December 04<sup>th</sup> to 08<sup>th</sup>,2018.

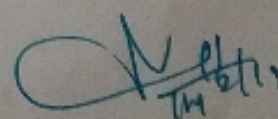
## Participants List

STUDENTS :

S.No	Register Number	Participant Name	Department	Sem/Sec
1	160501002	Aarthi valliammai	CS	5/A
2	160501022	Anupriya	CS	5/A
3	160801087	R.Sanjay	IT	5/B
4	160801089	Sathiya Prawin R	IT	5/B
5	160801094	Sriram	IT	V/B
6	160801099	Srinath	IT	V/B
7	160801114	varunrathnam G	IT	5/B
8	160801115	Vengatesh Kumar C	IT	5/B
9	160801123	Yugesh S	IT	5/B
10	161001028	E.V.Gladson	ME	5/B
11	170801025	K.Deepikha	IT	3/A
12	170801027	R.N.Deepti	IT	3/A
13.	170801077	Revathy.V	IT	3/B
14.	170801083	S.sangeetha	IT	3/B
15.	170801097	C.Sujithra	IT	3/B
16.	170801103	M.Vaishali	IT	3/B
17.	170801105	M.R.Vedhavarshini	IT	3/B
18.	170801107	S.K.Venkatraman	IT	3/B
19.	171001052	A.Mohammed Safi	ME	3/A
20.	171001072	Pravin Raj.S	ME	3/B
21.	171001077	Rajkumar.S.P	ME	3/B

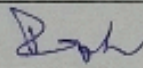
STAFF :

S.No	Participant Name	Department	Designation
1	M.Tamilselvan	EC	Computer operator
2	Rajasekar T A	CS	Instructor
3	Francis Inigo Raj	IT	Instructor

  
TH 2/11

**Sri Venkateswara College of Engineering**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**FIVE DAYS VALUE ADDED COURSE ON "PYTHON PROGRAMMING"**

**REGISTRATION LIST**

S.NO	STAFF NAME	COLLEGE	DEPARTMENT	SIGNATURE
1	RAJASAKAR.T.A	SVCE	CSE	
2	L. FRANCIS INHO RAJ.	SVCE	IT	L. Francis Inho Raj
3	M. TAMIL SELVAN	SVCE	ECE	M. O. J. Selvan
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18				
19				
20				

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15/11/19  
12/02/17

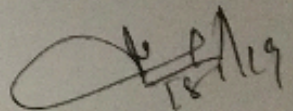
SRI VENKATESWARA COLLEGE OF ENGINEERING  
DEPARTMENT OF INFORMATION TECHNOLOGY  
FIVE DAYS VALUE ADDED COURSE ON "II6903 PYTHON PROGRAMMING"  
ATTENDANCE SHEET

S.NO	STUDENT NAME	DEPT	SEM/SEC	04/12/18		05/12/18		06/12/18		07/12/18		08/12/18	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	E. Y. GLADSON	Mech	V / A	E. Gladson	E. Gladson	E. Gladson	E. Gladson	E. Gladson	E. Gladson	E. Gladson	E. Gladson	E. Gladson	E. Gladson
2	C. VENKATESH KUMAR	IT	V / B	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh
3	S. YUJESH	IT	V / B	S. Yujesh	S. Yujesh	S. Yujesh	S. Yujesh	S. Yujesh	S. Yujesh	S. Yujesh	S. Yujesh	S. Yujesh	S. Yujesh
4	R. SATHIYA PRAVIN	IT	V / B	R. Sathiya	R. Sathiya	R. Sathiya	R. Sathiya	R. Sathiya	R. Sathiya	R. Sathiya	R. Sathiya	R. Sathiya	R. Sathiya
5	R. Anjay	IT	V / R	R. Anjay	R. Anjay	R. Anjay	R. Anjay	R. Anjay	R. Anjay	R. Anjay	R. Anjay	R. Anjay	R. Anjay
6	A. MOHAMMED SAFI	MEC	III / B	A. Mohammed	A. Mohammed	A. Mohammed	A. Mohammed	A. Mohammed	A. Mohammed	A. Mohammed	A. Mohammed	A. Mohammed	A. Mohammed
7	S. K. Venkateshraman	IT	III / B	S. K. Venkatesh	S. K. Venkatesh	S. K. Venkatesh	S. K. Venkatesh	S. K. Venkatesh	S. K. Venkatesh	S. K. Venkatesh	S. K. Venkatesh	S. K. Venkatesh	S. K. Venkatesh
8	Vaun Rathnam G	IT	V / D	Vaun Rathnam	Vaun Rathnam	Vaun Rathnam	Vaun Rathnam	Vaun Rathnam	Vaun Rathnam	Vaun Rathnam	Vaun Rathnam	Vaun Rathnam	Vaun Rathnam
9	Pravin Raj S.	Mech	III / B	Pravin Raj	Pravin Raj	Pravin Raj	Pravin Raj	Pravin Raj	Pravin Raj	Pravin Raj	Pravin Raj	Pravin Raj	Pravin Raj
10	Rajkumar S.P	Mech	III / B	Rajkumar	Rajkumar	Rajkumar	Rajkumar	Rajkumar	Rajkumar	Rajkumar	Rajkumar	Rajkumar	Rajkumar
11	R. N. Deepthi	IT	III / A	R. N. Deepthi	R. N. Deepthi	R. N. Deepthi	R. N. Deepthi	R. N. Deepthi	R. N. Deepthi	R. N. Deepthi	R. N. Deepthi	R. N. Deepthi	R. N. Deepthi
12	K. Aarthi Valliammai	CSE	V / A (100)	K. Aarthi	K. Aarthi	K. Aarthi	K. Aarthi	K. Aarthi	K. Aarthi	K. Aarthi	K. Aarthi	K. Aarthi	K. Aarthi
13	S. Anupriya	CSE	V / A - (10)	S. Anupriya	S. Anupriya	S. Anupriya	S. Anupriya	S. Anupriya	S. Anupriya	S. Anupriya	S. Anupriya	S. Anupriya	S. Anupriya
14	C. Sujithra	IT	III / B	C. Sujithra	C. Sujithra	C. Sujithra	C. Sujithra	C. Sujithra	C. Sujithra	C. Sujithra	C. Sujithra	C. Sujithra	C. Sujithra
15	M. Varshali	IT	III / B	M. Varshali	M. Varshali	M. Varshali	M. Varshali	M. Varshali	M. Varshali	M. Varshali	M. Varshali	M. Varshali	M. Varshali
16	H. R. Vedhavanshini	IT	III / B	H. R. Vedhavi	H. R. Vedhavi	H. R. Vedhavi	H. R. Vedhavi	H. R. Vedhavi	H. R. Vedhavi	H. R. Vedhavi	H. R. Vedhavi	H. R. Vedhavi	H. R. Vedhavi
17	S. Sangeetha	IT	III / B	S. Sangeetha	S. Sangeetha	S. Sangeetha	S. Sangeetha	S. Sangeetha	S. Sangeetha	S. Sangeetha	S. Sangeetha	S. Sangeetha	S. Sangeetha
18	V. Ravithy	IT	III / B	V. Ravithy	V. Ravithy	V. Ravithy	V. Ravithy	V. Ravithy	V. Ravithy	V. Ravithy	V. Ravithy	V. Ravithy	V. Ravithy
19	K. Deepika	IT	III / A	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika
20	H. Akshaya	EEE	III / A	H. Akshaya	H. Akshaya	H. Akshaya	H. Akshaya	H. Akshaya	H. Akshaya	H. Akshaya	H. Akshaya	H. Akshaya	H. Akshaya
21	K. Seetha	IT	III / B	K. Seetha	K. Seetha	K. Seetha	K. Seetha	K. Seetha	K. Seetha	K. Seetha	K. Seetha	K. Seetha	K. Seetha
22	I. Shebly	IT	II / B	I. Shebly	I. Shebly	I. Shebly	I. Shebly	I. Shebly	I. Shebly	I. Shebly	I. Shebly	I. Shebly	I. Shebly
23	S. Shriram	IT	III / B	S. Shriram	S. Shriram	S. Shriram	S. Shriram	S. Shriram	S. Shriram	S. Shriram	S. Shriram	S. Shriram	S. Shriram
24													
25													

V. S. Srinivas  
15/12/18  
HOD II C / IT

SRI VENKATESWARA COLLEGE OF ENGINEERING  
DEPARTMENT OF INFORMATION TECHNOLOGY  
FIVE DAYS VALUE ADDED COURSE ON "IT6903 PYTHON PROGRAMMING"  
ATTENDANCE SHEET

S.NO	FACULTY NAME	DEPT	DESIGNATION	04/12/18		05/12/18		06/12/18		07/12/18		08/12/18	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	M. TAMIL SELVAN	ECE	Computer Operator	Ⓚ	Ⓚ	Ⓚ	Ⓚ	Ⓚ	Ⓚ	Ⓚ	Ⓚ	Ⓚ	Ⓚ
2	RAJASEKAR.TA	CSE	INSTRUCTOR	Pop	Pop	Pop	Pop	Pop	Pop	Pop	Pop	Pop	Pop
3	K. Francis Inigo Raj	IT	Instructor	*	*	*	*	*	*	*	*	*	*
4													
5													
6													
7													
8													
9													
10													

  
 18/11/19  
 hod ite/17

SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF IT

FIVE DAYS VALUE ADDED COURSE ON

IT6903 PYTHON PROGRAMMING

FEEDBACK FORM

NAME: S.K. Venkatesh

DEPARTMENT: B Tech IT

SEM/SEC: III / '0'

REGISTER NUMBER: 170801107

S.NO	DATE	FORENOON 1	FORENOON 2	AFTERNOON
1	04.12.2018	Good	Good	Fantastic
2	05.12.2018	Solublow	Interesting	Astonishing
3	06.12.2018	V. Good	Marvellous	Nice
4	07.12.2018	Good	Good	Nice
5	08.12.2018	Excellent	Nice	Nice

SUGGESTIONS:

Nice workshop & value added course

SIGNATURE

S.K. Venkat

P. Elia



SRI VENKATESWARA COLLEGE OF ENGINEERING  
FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARTMENT : Information Technology

Name of the Speaker	: Deepak
Designation	: Developer
Institution/University/Organisation	: Infoziant
Mobile / E-mail	: 9884171411
Title of the Lecture	: Data Science
Date	: 8/12/2018
Time	: 9.00am to 2pm
Venue	: SVCE
Comments by the Speaker	: → Excellent Coordination by Programme Incharge Faculty → Excellent Interaction from students.
Suggestions for improvement	:
Signature of the Speaker	: Deepak

*R. Subli*  
Signature of Coordinator

*[Signature]*  
18/11/19  
Signature of HOD ilc

# **SRI VENKATESWARA COLLEGE OF ENGINEERING**

**Department of Information Technology**

**Five days Value added course on "IT6903 PYTHON PROGRAMMING"**

**In association with**

**Infoziant Pvt Ltd and Manya ,The Princeton review  
(MOU signed company)**

## **A Report**

The Department of Information Technology organized Five days value added course "IT6903 Python Programming " during December 04<sup>th</sup> and 08<sup>th</sup>, 2018. The Programme was inaugurated by Mr. Dr.K.S.Badrinathan , Professor and Dean Education Development, Department of Applied Mechanical Engineering ,Sri venkateswara College Of Engineering in the presence of Dr.V.Vidhya HOD/IT Head In-charge . Ms.R.Saktheeswari, Assistant professor, IT welcomed all participants and Chief guest and delivered welcome address. He gave an introductory talk about python programming and the need to learn about the language with some intra disciplinary project ideas.

The first session on 04/12/2018 titled "Python installation and working" was handled by Ms J.Sharon Ranjitha Esther AP/IT and Ms Kiruba Wesley AP/IT. Participants were taught to install and work with python in different platforms in their laptops. The next session on "Fundamental atoms of Python "was handled by Ms M.Sugacini AP/IT . Basic constructs of the programming language was taught. The Day ended with hands on session and executing simple programs using python, followed by MCQ test.

The first session on 05/012/18 was started with learning about "Control structures in Python". The session was handled by Ms A.Kala AP/IT. The session was followed by Ms P.Sharon Femi AP/IT. She covered topics on how to "Create data structures using Python". The Afternoon session was handled by Ms G.Sangeetha AP/IT. The discussion covered how python supports Object oriented programming . The day ended with solving simple assignment problems on these topics.

On 06/12/18 the first session was handled by Ms J.Sharon Ranjitha Esther AP/IT, the topic for the session was "Standard Libraries in python". Session was followed by Ms R.Saktheeswari AP/IT where participants learned about how to solve searching and sorting problems along with introduction



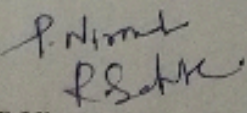
to matrix and arrays. The Last session was on "File Handling and Multithreading " handled by Ms V.Rajalakshmi AP/CS. The expert with examples described how Python supports file handling and Multithreading . During the hands on session participants were trained with many problems based on the real time applications and were allocated with real time projects as a part of the course.

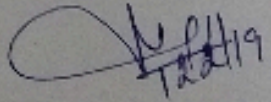
The session on 07/12/2018 started with "Introduction to text processing and Regular expression "delivered by Ms G.Janakasudha AP/CS. Followed by Ms R.Gayathri AP/CS ,who gave introduction to database programming. Participants were taught how to install DBMS and connect using python. The last session was on "GUI Programming and Exception Handling "by Ms P.Nirmala AP/IT. During Hands on session participants started developing projects.

The Last day of the course was dedicated to "Data science and Machine learning" , experts from "Infoziant Pvt Limited ,Chennai", MOU signed company gave an insight into the topic with real time examples and demonstration from live projects.

The valedictory function was presided over by Dr.V.Vidhya, Professor and Head i/c, Department of Information Technology, Sri Venkateswara College of Engineering.Dr.V.Vidhya delivered a brief note on value added course and how they support students to enhance their skill sets . She awarded the certificates for all participants and thanked all participants. Ms P.Nirmala AP/IT delivered the vote of thanks.

This Value added course was intended to provide opportunity for faculty members and students for upgrading their knowledge and to improve their skill set. The program was very well received by the participants. The lecture sessions and the practical sessions were very much appreciated by the participants. As a concluding note we express our heartfelt thanks to our management and Principal for their supports for the conduct of the programme. We also thank Manya- The Princeton review, MOU signed for extending financial assistance for conducting the course .

  
**P.Nirmala , Assistant Professor**  
**R.Saktheeswari, Assistant Professor**  
**Coordinator,**  
**Department of Information Technology.**

  
**Dr. V.Vidhya, HOD i/c / IT**