AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada, Accredited by NAAC and Recognized under 2(f) &12 (b) by UGC, New Delhi) Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

Certificate Course
on

PYTHON PROGRAMMING FOR APPLICATIONDEVELOPMENT BUNDLE

from 26th August 2019 to 31st August 2019

ORGANIZED BY
DEPT. OF COMPUTER SCIENCE ENGINEERINGAVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
MAKAVARAPALEM (V), VISAKHAPATNAM-531113

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

AIET started in the year 1999 and offers various courses at Engineering and PG level. The college is providing with rooms, computer centre, laboratories and seminar hall with audio-visual equipments. Industry Institute interaction is conducted regularly to emphasize on the latest trends in the present market.

It is very near to Narsipatnam. Frequent bus facilities are available both from and to Visakhapatnam and Narsipatnam. Very safe and secure hostel facility is available for Girl students. These are the additional facilities besides excellent academic atmosphere in the college campus.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

The Computer Science & Engineering department was established with B.Tech Program in 1999 with intake of 60 students and this was increased to 120 students in 2007 and increased to 180 students in 2012. The Post graduate Program M.Tech with C.S.E was started in 2005 with intake of 18 Studentsand this was increased to 24 students in 2012. The Computer Science & Engineering department was accredited by NBA in 2009 and 2014. Department mission is to be Instrumental in the field of computer science &

engineering by providing high quality education and continues improvement process of the program. The department has full fledged faculty with four professors with Ph.D and 40 staff members with experience in teaching and industry, which leads the skill students to get employment in the market. . The department encourages the faculty members and the students to participate paper presentations, seminars, workshops and National, International conferences and research activities. The department is well equipped laboratories and the computers have sophisticated development software tools. The department provides training to its students in advanced technologies like JAVA, WEB TECHNOLOGIES,.NET, PHP, Data Warehousing, Data Mining tools and Data storage systems as a supplement to the curriculum to enhance the employability of students. Our faculty members are the members of Computer Society of India, ISTE, IEEE.

ABOUT COURSE

It's one of the popular language been used by DevOps practitioners as it's been used in many tools. Developers, Testers and IT engineers (Ops and Support) should take this workshop to excel their work.

The Python Workshop takes you through the full spectrum of basic to advanced topics, equipping you with the skills you need to get started with data science and more. ... Apply Python in realistic data science projects and create simple machine learning models.

This course will cover various skills including text manipulation, modular programming, working with and retrieving data, interacting with files on your computer, and using some of the more popular third-party libraries (and getting them installed when and where we need them).

TOPICS TO BE COVERED

Day 1	Network Fundamentals and Socket Programming
Day 2	Client-side programming
Day 3	Web Programming
Day 4	Thread Programming
Day 5	Distributed Computing
Day 6	Advanced I/O handling

For Registration please contact Mr. M.Chiranjeevi, Assistant Professor, CSE.

CHIEF PATRON	**PATRON**	**CHAIRMAN**
Smt. M. Gnaneswari	Dr. C P V N J Mohan Rao	P.M.Manohar
President,	Principal,	Head of the Department
Avanthi Institute of Engineering and Technology	Avanthi Institute Of Engineering And Technology	Computer Science & Engineering

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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

Date: 19-8-2019.

CIRCULAR

On behalf of the Department of Computer Science and Engineering AIET is conducting one week certificate course on **"Python Programming for Application Development Bundle"** during 26th August 2019 to 31st August 2019 for all the students of II MBA & I Year of Computer Science and Engineering Department. I advise to all the students of II MBA & I Year CSE to enroll your details for above course. For more details you may contact course Coordinator Mr., M.Chiranjeevi, Assistant Professor, CSE.

Resource Persons: 1. Dr.A.Rama Rao

　　　　　　　　Professor

　　　　　　　　Lendi Institute of Engineering and Technology,Tallavalasa

　　　　　　　2. Dr.P.Aruna Kumari

　　　　　　　　Assistant Professor

　　　　　　　　CSE

　　　　　　　　JNTUV

P.M.Manohar

Head of the Department

Computer Science and Engineering

Copy to: Principal, AIET

Avanthi Institute of Engg. & Technology
Tamaram, Makavarapalem Md.,
Visakhapatnam District, PIN-531113

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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

Python Programming for application development bundle

Duration: 26th Aug 2019 to 31st Aug 2019

SYLLABUS

DAY 1 : N/W Fundamentals and Socket Programming

DAY 2 : Client side progrmming

DAY 3 : Web programming

DAY 4 : Thread Programming

DAY 5 : Distibuted Computing

DAY 6 : Advanced I/O handling

Coordinator

Head of the Department
Avanthi Institute of Engg & Technology
Tamaram, Makavarapalem Md
Visakhapatnam District, Pin-531113

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Python Programming for application development bundle

Duration: 26th Aug 2019 to 31st Aug 2019

SCHEDULE

Day-1 (04/11/2019)

09:00 to 10:00	Inaugural Session
10:00 to 12:00	N/W Fundamentals
12:00 to 01:00	Lunch Break
01:00 to 04:00	Introduction to Socket Programming

Day-2 (05/11/2019)

09:00 to 12:00	Introduction to client side programming
12:00 to 01:00	Lunch Break
01:00 to 04:00	Explanation to Client side programming

Day-3(06/11/2019)

09:00 to 12:00	Introduction Web Programming
12:00 to 01:00	Lunch Break
01:00 to 04:00	Explanation to Web Programming

Day-4(07/11/2019)

09:00 to 12:00	Introduction to Thread Programming
12:00 to 01:00	Lunch Break
01:00 to 04:00	Describe Thread Programming

Day-5(08/11/2019)

09:00 to 12:00	Introduction to Distributed Computing
12:00 to 01:00	Lunch Break
01:00 to 04:00	Distributed computing

<u>**Day-6(09/11/2019)**</u>

09:00 to 12:00   Advanced I/O handling

12:00 to 01:00   Lunch

01:00 to 04:00   Advanced I/O handling

COORDINATOR

Head of the Department

Computer Science and Engineering
Avanthi Institute of Engg & Technology
Tamaram, Makavarapalem Md
Visakhapatnam District, Pin-531113

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Tamaram,Makavarapalem,Narsipatnam(RD),Visakhapatnam-531113
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Python Programming for Application Development Bundle

Dated : 26/8/2021 To 31/8/2019

II MBA & I CSE B.Tech STUDENTS ATTENDANCE LIST

S.No	Roll No	Name of the Student	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
1	18811E0001	ADABALA SAIKUMAR	✓	✓	✓	✓	✓	✓
2	18811E0002	AKKUNAYUDU CHEEPURUPALLI	✓	✓	✓	✓	✓	✓
3	18811E0003	ALUGU CHANDRA PRIYANKA	✓	✓	✓	✓	✓	✓
4	18811E0004	ANASURI SUNEETHA	✓	✓	✓	✓	✗	✓
5	18811E0005	BADIREDDY MANOJ SIVA SURYA SAI SRINU	✓	✓	✓	✓	✓	✓
6	18811E0006	BODDU LOHITHA	✓	✓	✗	✓	✓	✓
7	18811E0007	BOLEM RAMAKRISHNA	✓	✓	✓	✓	✓	
8	18811E0008	CHINTHI APPALANAIDU	✓	✓	✓	✓	✓	✓
9	18811E0009	CHIRUKOOTI VENKATA RAMAKRISHNA	✓	✓	✓	✓	✓	✓
10	18811E0010	DANTULURI ANITHA	✓	✓	✓	✓	✓	✓
11	18811E0011	ETAMSETTI APPALANAIDU	✓	✓	✗	✓	✓	✓
12	18811E0012	ETHAMSETTI HEMA KUMAR	✓	✓	✓	✓	✓	✓
13	18811E0013	GANAPATHIRAJU SANDEEP VARMA	✓	✓	✓	✓	✓	✓
14	18811E0014	GANDI KISHOR	✓	✓	✓	✓	✓	✓
15	18811E0015	GANGUBOINA GOUTHAM	✓	✓	✓	✓	✓	✓
16	18811E0016	GANISETTI DINESH	✓	✓	✓	✓	✓	✓
17	18811E0017	GORLI SATISH	✓	✓	✓	✓	✓	✓
18	18811E0018	GUDIVADA VENKATA CHINA JYOTHI	✓	✓	✓	✓	✓	✓
19	18811E0019	GURALA VENKATALAKSHMI	✓	✓	✓	✓	✓	✓

20	18811E0020	ITTHAMSETTI SURESH	✓	✓	✓	✓	✓	✓
21	18811E0021	JAVVADI INDHRANI	✓	✓	✓	✓	✓	✓
22	18811E0022	KALLEMPUDI GANGADHAR	✓	✓	✓	✓	✓	✓
23	18811E0023	KANIMIREDDI RAJESH	✓	✓	✓	✓	✓	✓
24	18811E0024	KANNAMREDDI SURYA PRAKASHA RAO	✓	✓	✓	✓	✓	✓
25	18811E0025	KARRI ANITHA	✓	✗	✓	✓	✓	✓
26	18811E0026	KASIMKOTA VENKATA NARASIMHA MOORTY	✓	✓	✓	✓	✓	✓
27	18811E0027	KEDARISETTI ROJA	✓	✓	✓	✓	✓	✓
28	18811E0028	KODURU GANGADHAR	✓	✓	✓	✓	✓	✓
29	18811E0029	KOLLANA MANASA SOWJANYA	✓	✓	✓	✓	✓	✓
30	18811E0030	KOLLI HEMANTH	✓	✓	✓	✗	✓	✓
31	18811E0031	KORADA SAI KIRAN	✓	✓	✓	✓	✓	✓
32	18811E0032	KORUKONDA UMA MAHESWARA RAO	✓	✓	✓	✓	✓	✓
33	18811E0033	KOTRA DIVYASRI	✓	✓	✓	✓	✓	✓
34	18811E0034	KOVIRI MANIKANTA	✓	✓	✓	✓	✓	✓
35	18811E0035	KUNDRAPU SIVA	✓	✓	✓	✓	✓	✓
36	18811E0036	KURACHA VANI	✓	✓	✓	✓	✓	✓
37	18811E0037	LAKKOJU VENKATA SATYA BHARGAV	✓	✓	✓	✓	✓	✗
38	18811E0038	MALLA AVEEN	✓	✓	✓	✓	✓	✓
39	18811E0039	MASAVARAPU NAGARAJU	✓	✓	✓	✓	✓	✓
40	18811E0040	NADIPINTI DURGAVIJAY	✓	✓	✓	✓	✓	✓
41	18811E0041	PALLA BINDU PRAVALLIKA	✓	✓	✓	✓	✓	✓
42	18811E0042	PARUPALLI RAVITEJ KUMAR	✓	✗	✓	✓	✓	✓
43	18811E0043	PATCHIKORA TALUPULA NAIDU	✓	✓	✓	✓	✓	✓
44	18811E0044	PEDDADA NAIDU	✓	✓	✓	✗	✓	✓
45	18811E0045	PEELA APPALARAJU	✓	✓	✓	✓	✓	✓
46	18811E0046	PETLA DURGA PRAVEEN KUMAR	✓	✓	✓	✓	✗	✓
47	18811E0047	POLIREDDI MADHAVI	✓	✓	✓	✓	✓	✓
48	18811E0048	PYLA SIVA KUMAR	✓	✓	✓	✓	✓	✓

49	18811E0049	RAJA NAVEEN KUMAR	✓	✓	✓	✓	✓	✓
50	18811E0050	RAJANA SIVA GANESH	✓	✓	✓	✓		✓
51	18811E0051	REDDI SANTOSHKUMAR	✓	✓	✓	✓		✓
52	18811E0052	RELANGI VENKATA PRIYANKA	✓	✓	✓	✓		✓
53	18811E0053	RONGALI KISHORE	✓	✗		✓	✓	✓
54	18811E0054	RUTTALA SYAMALA	✓	✓	✓	✓	✓	✓
55	18811E0055	SINGAMPALLI GANGA RATNAM	✓	✓	✓	✓		✓
56	18811E0056	SUNDARA NAVEENA	✓	✓	✓	✓		✓
57	18811E0057	UNGARALA MOUNIKA	✓	✓	✓	✓		✓
58	18811E0058	VANIMINA USHA	✓	✓	✓	✓	✓	✓
59	18811E0059	VARREY SATHYA VENI	✓	✓	✓	✓	✓	✓
60	18811E0060	VAVILAPALLY GANESH	✓	✓	✗	✓	✓	✓
61	18811E0061	VEERLA SIVA GANESH	✓	✓	✓	✓	✓	✓
62	18811E0062	VEMAVARAPU CHINNI KAMAKSHI	✓	✓	✓	✓	✓	✓
63	18811E0063	VYIBOYINA NANAJI	✓	✓	✓	✓	✓	✓
64	18811E0064	YAMINI GUTURU	✓	✓	✓	✓	✓	✓
65	18811E0065	YANDAPALLI ROJA	✓	✓	✓	✓	✓	✓
66	18811E0066	YEKA NAGAVENKATALAKSHMI	✓	✓	✓	✓	✓	✓
67	18811E0067	MARRIPUDI SANDHYA RANI	✓	✓	✓	✓	✓	✓
68	18811E0068	SAMMENGI SRINU	✓	✓	✓	✓	✓	✓
69	18811E0069	RUTTALA KONDABABU	✓	✓	✓	✓	✓	✓
70	18811E0070	PINAPATRUNI DURGA VASU	✓	✓	✓	✓	✓	✓
71	19811A0501	ABBURI VENKATA SURENDRA	✓	✓	✓	✓	✓	✓
72	19811A0502	ALLADA BHARGAV SANTHOSH	✓	✓	✗	✓	✓	✓
73	19811A0504	ANNAM MOUNIKA SRI	✓	✓	✓	✓	✓	✓
74	19811A0505	BALIREDDI MADHU PRAKASH	✓	✓	✓	✓	✓	✓
75	19811A0507	BILLA CHANDRIKA	✓	✓	✓	✓	✓	✓
76	19811A0508	BODDETI CHANDIPRIYA	✓	✓	✓	✓	✓	✓
77	19811A0510	BOTSA DURGA PRASAD	✓	✓	✓	✓	✓	✓
78	19811A0511	BUDDIGA NIKHIL RAM GOUD	✓	✓	✓	✓	✓	✓

79	19811A0513	CHOKKAKULA BHARATHI	✓	✓	✓	✓	✓	✓
80	19811A0514	CHOPPA DURGALAKSHMI	✓	✓	✓	✓	✓	✓
81	19811A0516	DONKA INDRANI	✓	✓	✓	✓	✓	✓
82	19811A0517	DUGGIRALA SAI PAVANI JAGADEESWARI	✓	✓	✓	✓	✓	✓
83	19811A0518	EATI JOSHNA	✓	✓	✓	✓	✓	✓
84	19811A0520	GATREDDI SANDHYA RENUKA	✓	✓	✓	✓	✓	✓
85	19811A0521	GEDELA PRADEEP	✓	✓	✗	✓	✓	✓
86	19811A0523	GOGU CHANDINI	✓	✓	✓	✓	✓	✓
87	19811A0524	MARRA MOUNICA	✓	✓	✓	✓	✓	✓
88	19811A0525	GURRAM VENKATA ANUSHA	✓	✓	✓	✓	✓	✓
89	19811A0527	KALAGANI JYOTHIRADITYA	✓	✓	✓	✓	✓	✓
90	19811A0528	KAMPATI NAGADEVI	✓	✓	✓	✓	✗	✓
91	19811A0530	KANDREGULA NAVEEN ASHOK	✓	✓	✓	✓	✓	✓
92	19811A0531	KANITHI SUSHMITHA LAKSHMI	✓	✓	✓	✓	✓	✓
93	19811A0533	KARRI ANUSHA	✓	✓	✓	✓	✓	✓
94	19811A0534	KARRI JYOTHI SAI LAKSHMI	✓	✓	✓	✓	✓	✓
95	19811A0535	KAYALA GANGA BHAVANI	✓	✓	✓	✓	✓	✓
96	19811A0537	KOMMANAMANCHI VIVEK SARMA	✓	✗	✓	✓	✓	✓
97	19811A0538	KONDRAGUNTA TEJA	✓	✓	✓	✓	✓	✓
98	19811A0540	KOVVADA HEMA	✓	✓	✓	✓	✓	✓
99	19811A0542	KUNDRAPU SIVAANJALINAGADEVI	✓	✓	✓	✓	✓	✓
100	19811A0544	LEKKALA CHAITANYA KIREETI	✓	✓	✓	✓	✓	✓
101	19811A0546	PAILA VENU GOPAL	✓	✓	✓	✓	✓	✓
102	19811A0548	PYLA MURARI	✓	✓	✓	✓	✓	✓
103	19811A0549	SRIGAKOLAPU PRIYA NIKITHA	✓	✓	✓	✓	✗	✓
104	19811A0551	BALLANKI PAVANKUMAR	✓	✓	✓	✓	✓	✓
105	19811A0552	BORA LALITH SUNDAR	✓	✓	✓	✓	✓	✓
106	19811A0554	CHENNAMSETTY ABHILASH	✓	✓	✓	✓	✓	✓
107	19811A0556	GANGALA NAGA SAI KIRAN	✓	✓	✓	✓	✓	✓
108	19811A0557	GANJI MURALIDHAR	✓	✓	✓	✓	✓	✓

109	19811A0559	GORAPALLI SANJAY KUMAR	✓	✓	✓	✓	✓	✓
110	19811A0561	JINUGU CHANDRASEKHAR	✓	✓	✓	✓	✓	✓
111	19811A0563	KATTA ARUN SATISH	✓	✓	✓	✓	✓	✓
112	19811A0564	KOLAGINI RAJA SRI	✓	✓	✓	X	✓	✓
113	19811A0565	KOMMINENI VENKATA APPALA SAI PRAHARSHITH	✓	✓	✓	✓	✓	✓
114	19811A0566	KOORAKULA RAMYA BHAVYA PRIYANKA	✓	✓	✓	✓	✓	✓
115	19811A0567	KOPPISETTY CHANDRAMOULI	✓	✓	✓	✓	✓	✓
116	19811A0568	LALAM SEETARAMA TEJA	✓	✓	✓	✓	✓	✓
117	19811A0569	LANKA SAI DEEPTHI	✓	X	✓	✓	✓	✓
118	19811A0570	LANKE TARUN BABU	✓	✓	✓	✓	✓	✓
119	19811A0571	MADALA HASWANTH	✓	✓	✓	✓	✓	✓
120	19811A0572	MAKIREDDI BHAVANI	✓	✓	✓	✓	✓	✓
121	19811A0573	MALLA LEELA VENKATA LAKSHMI	✓	✓	✓	✓	✓	✓
122	19811A0574	NAGAMBOINA VENKATA RATNAKAR	✓	✓	✓	✓	✓	✓
123	19811A0575	NAGUMANTRI SWETHA LAKSHMI	✓	✓	✓	✓	✓	✓
124	19811A0576	NAKKA DEEPIKA	✓	✓	✓	X	✓	✓
125	19811A0577	NANDIPALLI MAHARAJA GANGA BHAVANI DEVI	✓	✓	✓	✓	✓	✓
126	19811A0578	NIMMADALA TANUSRI	✓	✓	✓	✓	✓	✓
127	19811A0579	PALLA PHANINDRA		✓	✓	✓	✓	✓
128	19811A0580	PAVULURI KOUSIK	✓	✓	✓	✓	✓	✓
129	19811A0581	PEDIREDLA PAVAN	✓	✓	✓	✓	✓	✓
130	19811A0582	PEKALA RAJESH	✓	✓	✓	✓	✓	✓
131	19811A0583	PENUMATSA LAKSHMAN SAI RAJU	✓	✓	✓	✓	✓	✓
132	19811A0584	PUJARI LALU DATTA PRASAD	✓	✓	✓	✓	✓	✓
133	19811A0585	RUTTALA THANUJA	✓	X	✓	✓	✓	✓
134	19811A0586	SAHUKARI HEMANTH	✓	✓	✓	✓	✓	✓
135	19811A0587	SALADULA YAMUNA	✓	✓	✓	✓	✓	✓
136	19811A0588	SENAPATHI DURGA SYAMALA	✓	✓	✓	✓	✓	✓
137	19811A0589	SINGAMPALLI PHANINENDRA	✓	✓	✓	✓	✓	✓

138	19811A0590	UGGINA ANITHA	✓	✓	✓	✓	✓	✓
139	19811A0591	UGIINA AVINASH	✓	✓	✗	✓	✓	✓
140	19811A0592	ULABALA GEETHADEVI	✓	✓	✓	✓	✓	✓
141	19811A0593	VEDULLA S S SATYA GAYATRI	✓	✓	✓	✓	✗	✓

Coordinator

HOD

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A Course On

Python Programming for Application Development Bundle

Dated on: 26/8/2019

COORDINATOR

HOD
Avanthi Institute of Engg & Technolo
Tamaram, Makavarapalem Md
Visakhapatnam District, Pin-531113

AVANTHI

INSTITUTE OF ENGINEERING AND TECHNOLOGY

Tamaram (V), Makavarapalem (M), Visakhapatnam Dist. 531113.
(Approved by AICTE, Accredited by NAAC, Permanently Affiliated to JNTU Kakinada)

Certificate of Participation

This is to certify that Mr./Ms. _____of _____has participated in the Certificate Course entitled on **PYTHON PROGRAMMING FOR APPLICATION DEVELOPMENT BUNDLE** during from 26TH AUG 2019 to 31ST AUG 2019 was organized by the Department of COMPUTER SCIENCE AND ENGINEEERING at Avanthi Institute Of Engineering and Technology

Coordinator   **HOD**   **Principal**

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113
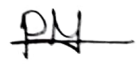
Department of Computer Science and Engineering

Date: 2-9-2019

BRIEF REPORT

Department of Computer Science and Engineering, Avanthi Institute of Engineering and Technology had organized a certificate course on **"Python Programming for application development bundle"** during 26-8-2019 to 31-8-2019

We had **Resource Person: LDr.A.Ramarao.Professor, LENDI, Vijayanagaram** as the speaker to explain how to achieve Socket Programming in Python, you will need to import the socket module or framework. This module consists of built-in methods that are required for creating sockets and help them associate with each other.The threading module provided with Python includes a simple-to-implement locking mechanism that allows you to synchronize threads. A new lock is created by calling the Lock() method, which returns the new lock. The acquire(blocking) method of the new lock object is used to force threads to run synchronously. The file handling plays an important role when the data needs to be stored permanently into the file. A file is a named location on disk to store related information. We can access the stored information (non-volatile) after the program termination.

COORDINATOR

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