

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

A Report on One week Faculty Development Program on “Python programming an Industry Perspective” in Association with MNIT – Jaipur”

December 02nd – 06th 2019



A Five days Faculty Development Program (FDP) on “Python programming an Industry Perspective” was organized by the Department of Computer Science and Engineering , URCET in jointly organized by : Electronics & ICT Academics by the Electronics and Information Technology (MeitY), Government of India during 02 – 06 December 2019.

Participation Details	No. of Members
Faculty & Research Scholars	41

Python programming an Industry Perspective – Official Poster



GLOBAL WINTER COURSE
PYTHON PROGRAMMING
AN INDUSTRY PERSPECTIVE



Digital India
Power To Empower

DATES: December 2-6, 2019



Ministry of Electronics and
Information Technology
Government of India

Course Contents:
Introduction, Basic Syntax, Control Statements, Functions, Object Oriented Programming, Tuples, Lists, Dictionaries, Sets, File Handling, Pandas, Python Regular Expressions, Exception handling, Machine Learning

TIME: 0900 AM – 0500 PM
VENUE: NKN -2, MNIT Jaipur
FEE: Rs 1000/- Refundable



RESOURCE PERSONS
Dr. Mani Madhukar
University Relations IBM
Mr. Ishan Vaid
Trainer, IBM Partner



Global Coordinator
Dr. Pilli Emmanuel S
9549658131

Local Coordinator
Dr. Dinesh Kumar Tyagi
9549658130

Day 01:

- **Expert Talk on Introduction to Python Programming**

- ✓ Introduction, Installation of python , variables and Data types , operators ,conditional statements , Looping , Control statements and String manipulations.



- **Practical Session 01: Installation , Operator & Loops.**

Day 02:

- **Expert Talk on Functions and List**
 - ✓ Functions.
 - ✓ Concepts of OOPS
 - ✓ Implementations of OOPS and OQPS
- **Practical Session 02: Implementation of OOPS and working with Tuple.**

Day 03:

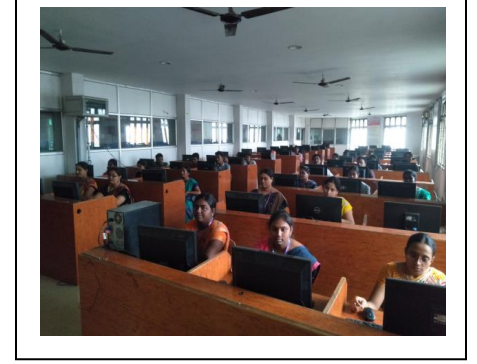
- **Expert Talk on Dictionary set , file handling and Exception handling**
 - ✓ Regular expressions , Arrays, Functions, Recursion.



- **Practical Session 03: Exception handling assignments and Regular Expressions.**

Day 04:

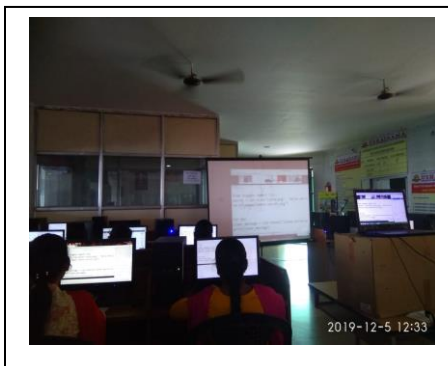
- **Expert Talk on Python Project Discussions.**
- **Understanding anaconda installation & Numpy**



- **Practical Session 04: Project Executions and Anaconda installation & Working numpy.**

Day 05:

- **Expert Talk on Understanding pandas and working with datasets.**
 - ✓ Working with pandas
 - ✓ Exploring datasets for salary and economics purchase.
 - ✓ Understanding matplotlib, scipy
- **Practical Session 05: Working with regressions, clustering , working with matplotlib, scikit learn scipy.**



List of Participants

S.No.	Ref.No.	Name	Organization	RC
1	4467	A. RAGHURAM	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
2	4342	CH. SANTHI RANI	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
3	4411	CHAVA NIHARIKA	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
4	8205	CHENNAREDDY JANAKI RATNA SWAPNALI	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
5	8204	DEVARAPALLI VIJAYA KUMARI	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
6	4415	G. BALESWARI	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
7	8197	GUBBALA REKHA BHAVANI	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
8	4401	GUDIPUDI BALAIAH	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
9	8184	GUDIVADA LAKSHMI RACHANA	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
10	6758	K S N V JYOTSNA DEVI	Rajamahendri Institute of Engineering and technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
11	8196	KADAVAKOLLU DILEEP	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
12	8185	KAKARLA SANDEEP	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
13	8202	KHASIM SYED	ESWAR COLLEGE OF ENGINEERING	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
14	6750	KILARI RAMPRIYA	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
15	8137	KORUKONDA MANIMALA	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
16	4420	KPNV SATYASREE	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
17	8132	LAKSHMI GUNTREDDY	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
18	4488	M.LAKSHMI PRASANNA	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
19	4490	MACHINENI RAJESH	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
20	8181	MAJETI JYOTHI PRIYA	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada

21	4394	MARRAPU SAMBA SIVA RAO	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
22	8131	MEDURU YAMINI	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
23	4402	MEGHAVATHU S S NAYAK	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
24	8612	MOGILI ANKAMMA RAO	ESWAR COLLEGE OF ENGINEERING	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
25	8178	MOHAMMED ASHRAFUNNISA	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
26	6766	NAGANABOINA GOWTHAMI	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
27	8138	NAKKA MOUNIKA	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
28	4529	NALI SRIVANI	Vision Institue of Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
29	8183	NANDAMURI PAVANI	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
30	8188	NUNNA SARANYA	Usha Rama College of engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
31	4813	PRATAP JOSHI	Priyadarshini Institute of Technology and science	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
32	4300	S M ROYCHOUDRI	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
33	8199	SEKHARAPALLI VIJAYA DURGA BHAVANI	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
34	4406	SRI VARA PRASAD BANDI	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
35	4410	SUNKARA MOUNIKA	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
36	6779	THULASI BIKKU	Vignan Nirula Institute of Science and Technology for WOMEN	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
37	8193	THUMMALA BHARATHI	Vunathi Institute of technology and Science	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
38	4462	V SAIPRIYA	Srinivasa Institute of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
39	4423	VANUKURU VENKATA BHAVANI	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
40	6752	VEMULAPALLI RASHMI	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada
41	4407	YASODA KHUBHAM	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayawada

Working Lunch



Attendance Sheets

S.No.	Roll No.	Name	Organization	EC	1-Dec	2-Dec	3-Dec	3-Dec	4-Dec	4-Dec	5-Dec	5-Dec	6-Dec	6-Dec
1	4307	A. ADITHYAN	CHENNAI ENGINEERING COLLEGE	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
2	4342	DR. SANTHI KARI	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
3	4412	CHIEFA NARAYANA	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
4	5275	CHINNAIAH JAYAK	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
5	8204	CHANDRASEKHAR VEDAR	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
6	4415	G. BALAKRISHNA	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
7	4103	GURURAJ KIRAN SHANKAR	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
8	4402	GURURAJ KIRAN	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
9	8184	GURURAJ KIRAN	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
10	4174	H. S. V. JYOTHI DEVI	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
11	8296	KASHYAPARAJU DILEEP	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
12	4185	KARUNA SANGEET	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
13	8203	KANAK DIXIT	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
14	8170	KANAK KANAK	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
15	8137	KANAK KANAK	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
16	4420	KANAK KANAK	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
17	8112	KANAK KANAK	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
18	4408	KANAK KANAK	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
19	4490	KANAK KANAK	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
20	8181	KANAK KANAK	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Tatanagar, Vijayanagara	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN

No	Name	Institution Name	Institution Address
4394	MARRAJU SAMBA SIVA RAO	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayanagara
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8183	NANDAHURI PAVANI	Usha rama engineering college	Usha Rama College of Engineering and Technology, Telaprolu, Vijayanagara
8188	SUNDA SARANYA	Usha rama college of engineering	Usha Rama College of Engineering and Technology, Telaprolu, Vijayanagara
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6779	TULASI BIKKU	VNTSW	Usha Rama College of Engineering and Technology, Telaprolu, Vijayanagara
8193	THIRUKALA BHARATHI	Vunabti tech	Usha Rama College of Engineering and Technology, Telaprolu, Vijayanagara
4462	V SAIPRIYA	Copressa Institute of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayanagara
4423	VANKUDURU VENKATA BHAVANI	Usha Rama College Of Engineering And Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayanagara
6792	VERUPALALI RASHIMI	Usha Rama College of Engineering and Technology	Usha Rama College of Engineering and Technology, Telaprolu, Vijayanagara

Local Coordinator Appreciation Certificate



**One-week Faculty Development Programme on
Python Programming with Industry Perspective**


Jointly organized by Electronics & ICT Academies at
MNIT Jaipur **IIITDM Jabalpur** **NIT Patna**





(Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India)

Certificate of Appreciation

The Electronics & ICT Academy, MNIT Jaipur places on record the excellent contributions made by Mr./Mrs./Dr. S.M. Roy Choudri as a Local Coordinator at the Nodal Center Usha Rama College of Engineer & Technology, Telaprolu in the One Week Faculty Development Programme on “Python Programming with Industry Perspective” jointly organized by Electronics and ICT Academies held from December 2 – 6, 2019 through National Knowledge Network under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” by the Ministry of Electronics and Information Technology (MeitY), Government of India. This programme is endorsed by AICTE / UGC / NBA.


Dr. Dinesh Kumar Tyagi
Local Coordinator, MNIT Jaipur


Dr. Bharat Gupta
Co - Principal Coordinator, NIT Patna


Dr. Pilli Emmanuel Shubhakar
Principal Coordinator, MNIT Jaipur

Valedictory function

The workshop was a success as all the participants were gain knowledge in python programming: All faculties learn how to design programming practically through assignments and exams at the end of the workshop. The response from the participants about the workshop is tremendously good and positive and as per the feedbacks they would want to attend such more hands-on workshops further in future.