

GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET

DEPARTMENT OF COMPUTERS

FIVE DAYS WORKSHOP ON "DATA SCIENCE"



GOVERNMENT DEGREE COLLEGE FOR WOMEN, (Autonomous)
Begumpet, Hyderabad 500016
Affiliated To Osmania University, Re-accredited With B+ Grade By NAAC
FIVE DAYS WORK SHOP ON DATA SCIENCE
TOPIC:
"DATA SCIENCE"
FOR B.SC II YR DATA SCIENCE & BSC III YR STUDENTS

 <p>Dr. K. Padmavathi PRINCIPAL GDCW(A) BEGUMPET HYD</p>	 <p>R. ARJUNARAO Master of philosophy In Computer Science</p>
--	---

DATE: 10/01/2022 TIME: 10 AM TO 14/01/2022
GOOGLE MEET LINK: <https://meet.google.com/hmj-cu-gw-kqs?h=122&authuser=5>

ORGANIZED BY
THE DEPARTMENT OF COMPUTERS

Academic Year: 2021-22

Date: 10-01-2022 to 14-01-2022

Time : 10.00 am to 12.00 pm

Organized by : Department of Computers

Online Platform: Google Meet

Name of the Resource Person: Sri. R. Arjuna Rao, M.Sc, M.Phil.,

Report: Five -Days Workshop on "Data Science"

About the Resource Person:

Sri. R. Arjuna Rao did his Master of Philosophy in Computer Science. He has got a rich experience of 16 years in teaching UG and PG students. He is visiting faculty in Sikkim Manipal University, JNTUH, OSMANIA UNIVERSITY, IGNOU UGC-Academic-staff

colleges. He is also working as a freelancer as a senior .Net developer for various Top MNC's and also a Microsoft Certified Technology Specialist. His areas of interest are Adv-java, python C#, A.I, Web programming and Azure Cloud Services, Web Analytics.

Day 1:

Day 1 started with introduction about Data Science , Machine Learning and how Data science is related to the real world. Other following concepts are covered Types of Files, Creating and Reading Text Data, File Methods to Read and Write Data, Reading and Writing Binary Files, The Pickle Module, Reading and Writing CSV Files, Python OS and os.path Modules. JSON and XML in Python

Day 2:

Processing HTML Files, Processing Texts in Natural Languages, Using Special Characters, Regular Expression Methods, Named Groups in Python Regular Expressions, Regular Expression with *glob* Module.

Day 3:

Setting Up a MySQL Database, Using a MySQL Database: Command Line, Using a MySQL Database, Taming Document Stores: MongoDB.

Day 4:

Working with Tabular Numeric Data(Numpy with Python), Basic Arithmetic Operations on NumPy Arrays, Mathematical Functions in NumPy, Changing the Shape of an Array, Stacking and Splitting of Arrays, Broadcasting in Arrays.

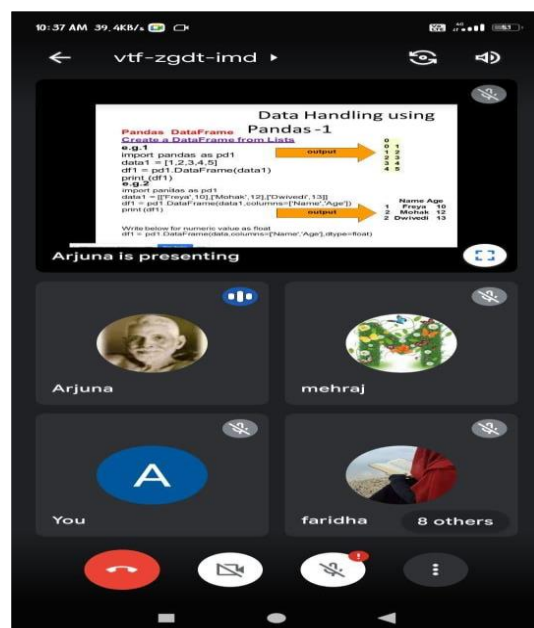
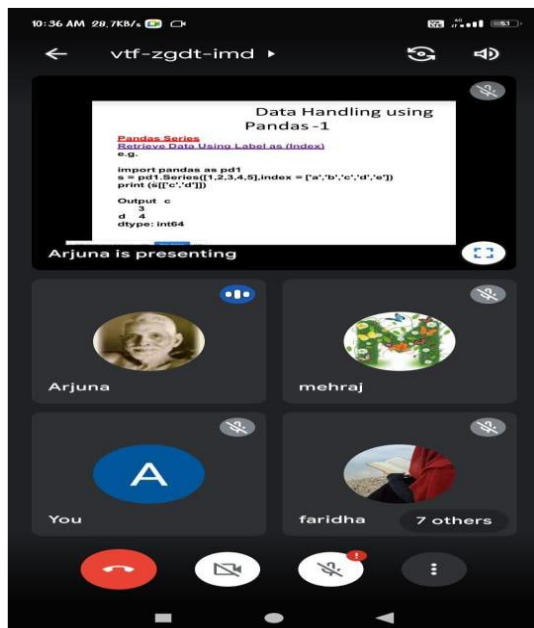
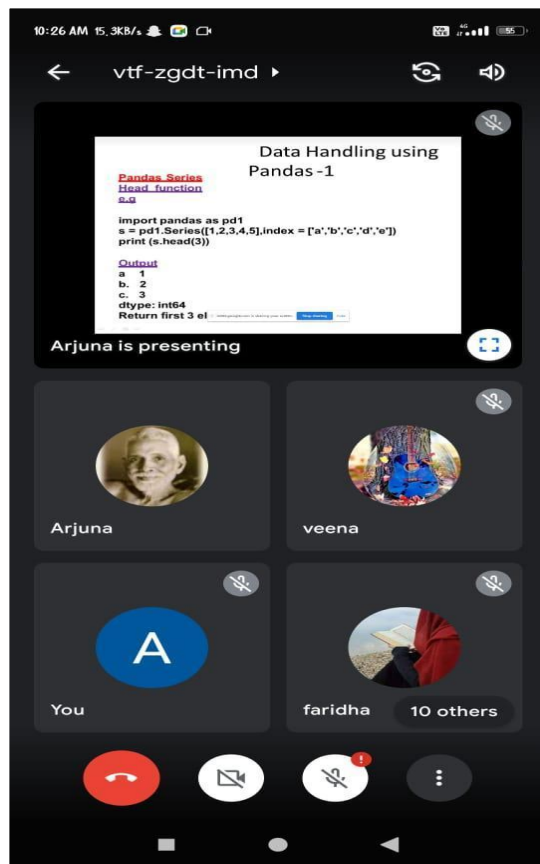
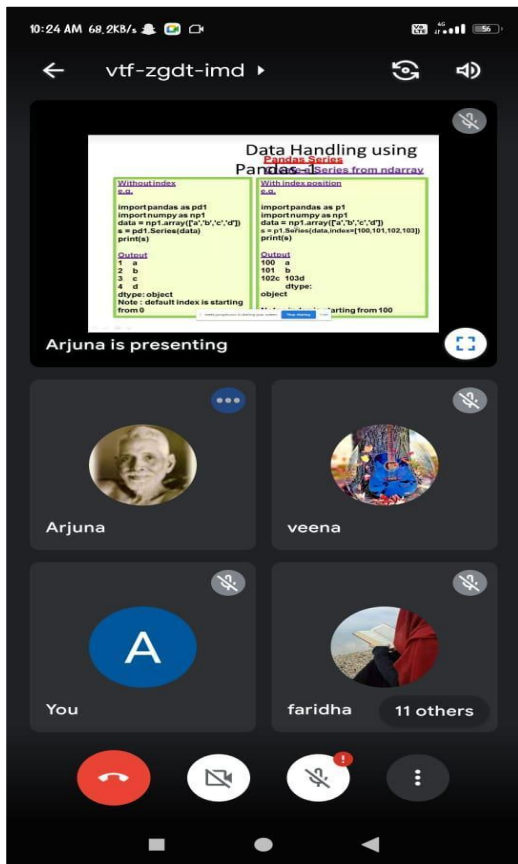
Day 5:

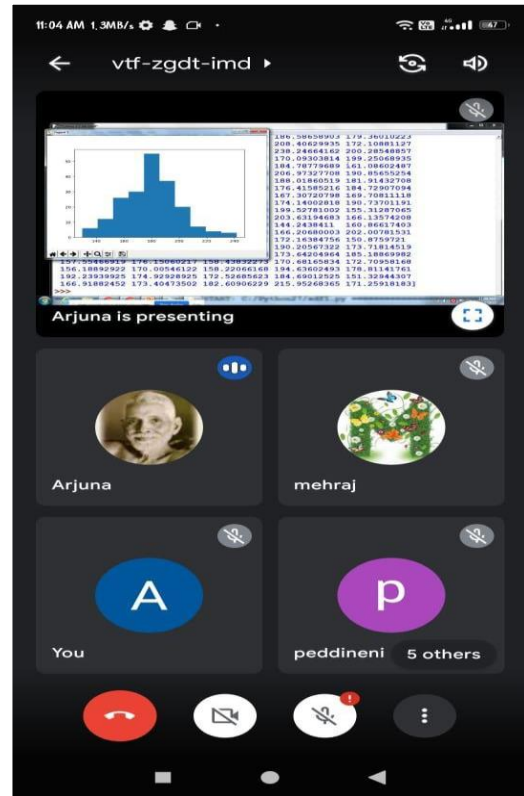
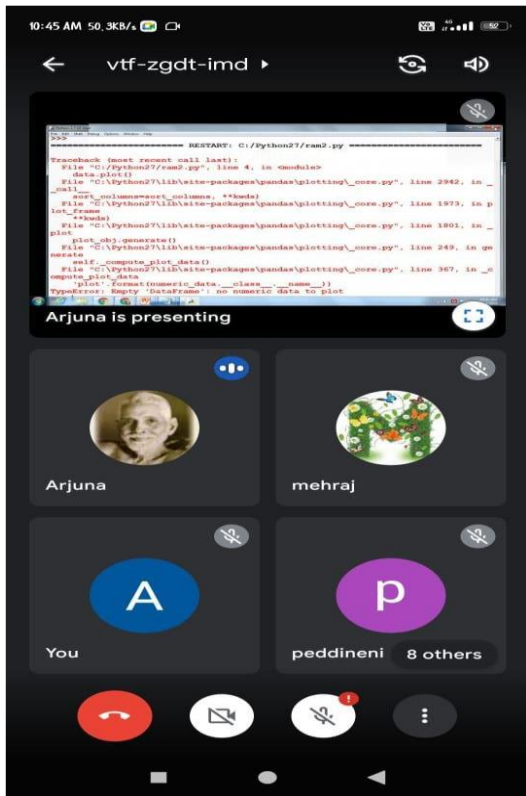
Working with Data Series and Frames, Basic Plotting with PyPlot, Getting to Know Other Plot Types, Mastering Embellishments, Plotting with Pandas.

Every day last half an hour has allotted for practical session

At the end of the Workshop the student will be able to understand Knowledge about

- Handle different types of files and work with text data
- Use regular expression operations
- Use relational databases via SQL
- Use tabular numeric data
- Use the data structures: data series and frames
- Use PyPlot for visualization





List of Students Participated in Workshop

S.No	FIRST NAME	MIDDLE NAME	SUR NAME	GROUP	STUDENT MOBILE	STUDENT PERSONAL MAIL-ID
1	Revathi	-	Adulla	MSDS	9346692619	revathiadulla@gmail.com
2	Aili	Ramya	Ramya	MSDS	9392980854	ramyaaili93@gmail.com
3	Harika	-	Ambala	MSDS	9603579283	ambalaharika17@gmail.com
4	Anitha	.	Vajja	MSDS	9346130431	anithavajja1424@gmail.com
5	Badepalli	Raghamai	Goud	MSDS	9391376854	rraghamai@gmail.com
6	Bandi Ankitha	-	Bandi	MSDS	6309833686	anu685725@gmail.com
7	Akshitha	Akshu	Barla	MSDS	06302458291	akshua636@gmail.com
8	Nikitha	Sravani	Bejagama	MSDS	7032370791	nikithasravani50@gmail.com
9	Bishal	Kavitha	Bishal kavitha	MSDS	6304174117	kavitha4404t@gmail.com
10	Bulla nandini	B.nandini	Bulla nandini	MSDS	6304129932	bullanandinibnandini@gmail.com
11	-	LIKHITHA	BURRA	MSDS	9704689792	likhithaburra002@gmail.com
12	Chakali .shilpa	C.shilpa	C.shilpa	MSDS	6305890372	shilpachakali5@gmail.com
13	Pravalika	-	Dabilpuram	MSDS	8247756577	Pravalika0812@gmail.com
14	Kusuma	-	Darshi	MSDS	9392736412	darshikusuma@gmail.com
15	Manasa	Yadav	Doti	MSDS	7815929957	doti.manasa@gmail.com
16	Shirisha	..	Eediga	MSDS	9182065346	ssiri1683@gmail.com
17	Eslawath	Swapna	Eslawath Swapna	MSDS	8790451314	eslavathswapna01@gmail.com
18	Deepika	.	Gaddam	MSDS	7997120376	deepikaggdm@gmail.com
19	Gaddameedi	Prashanthi	Gaddameedi	MSDS	7093725518	prashanthishadrak@gmail.com
20	Gajangi harshitha	Harshitha	Gajangi	MSDS	8919033562	college@123
21	Gajjala Keerthana	G.Keerthana	Gajjala	MSDS	8897286620	gajjalakeerthana28@gmail.com
22	Gande	Shivani	Shivani	MSDS	6300970796	gandeshivani23@gmail.com
23	Gantyalala	Ankitha	.	MSDS	8919724985	abkithagantyalala1812@gmail.com
24	chandini	-	Gogulamanda	MSDS	7680935943	chandini4149@gmail.com
25	Golla	Malathi	Golla Malathi	MSDS	6302085779	Malathiyadav1509@gmail.com
26	Swathi	-	Golla swathi	MSDS	8688552698	swathiyadav06@gmail.com
27	Krishna veni	-	Gummadvelli	MSDS	9502393715	krishnavenigummadvelli@gmail.com
28	Meghana	Nayee	Gummula	MSDS	9390815838	meghanagummula@gmail.com
29	Shilpa	.	Gunaganti	MSDS	6300909163	Shilpag0701@gmail.com
30	G	Vyshnavi	Gundagani	MSDS	7013618349	gundaganivyshnavi@gmail.com
31	Kavya	-	Gunithi	MSDS	6304789502	gunithikavya@gmail.com
32	Poojitha	No	Gunti	MSDS	9490780683	guntipoojitha22@gmail.com
33	Pooja	Maheshwari	Heerakar	MSDS	9346478952	Ph5042706@gmail.com
34	Shruthi	Shruthi	Jeripetti	MSDS	9398054994	jeripettishruthi12@gmail.com
35	Kamlekar	Vaishnavi	Kamlekar	MSDS	7032943196	kamlekarvaishnavi572002@gmail.com
36	KANTHAM	BHAVANI	KANTHAM BHAVANI	MSDS	7997820246	Bhavanireddy432@gmail.com
37	Ravalika	Patel	Kondapuram	MSDS	7396208970	egumpet.In.ac
38	Konduka Sanjali	Sanjali	Konduka	MSDS	9949478221	Kondapuramravalika24@gmail.com
39	Veena	-	Kuncham	MSDS	9398352374	rajendherkonduka6541@gmail.com
40	makam	Shivani	shivani	MSDS	7032467696	kunchamveena67@gmail.com
41	Jagruthi	Jagruthi	Manchi sraaf	MSDS	8500180706	shivanimakam608@gmail.com
42	M	Arthi	Malthumkar	MSDS	9381404362	msjagruthi2003@gmail.com
43	Mehraj	Mehraj	Begum	MSDS	7731085219	Arthimalthumkar@gmail.com
44	maheshwari			MSDS		syedmehraj5219@gmail.com
45	Sumaya	Sadaf	Mohammad, sadaf	MSDS	6305349792	Mdsumaya153@gmail.com

46	Musham	Aishwarya	Musham	MSDS	9951432903	aishwaryamusham24@gmail.com
47	Nakkala	Jhansi	Nakkalajhansi	MSDS	9347717127	nakkala.jhansireddy934@gmail.com
48	Shivani	-	Nyaramoni	MSDS	8978733984	mshivani2303@gmail.com
49	Usha Rani	Pailla	Pailla	MSDS	7075673164	usharanipailla@gmail.com
50	Pandi	Taraka	Lakshmi	MSDS	8309778368	tarakalakshmi@gmail.com
51	Pavani	-	Panthagi	MSDS	9951587983	Panthagipavani0@gmail.com
52	Srilekha	-	Pendyala	MSDS	6281997665	pendyalasrilekha7665@gmail.com
53	Swathi	Nothing	Pothannagari	MSDS	8317681169	pothannagariswathi@gmail.com
54	Dhanalaxmi	Satya nagarani	Puli	MSDS	8919319533	Pdlsnagarani18@gmail.com
55	Pydi	Sanghavi	P	MSDS	7386251775	Sanghaviipaidi@gmail.com
56	Akanksha	Akanksha	Ramagundam Akanksha	MSDS	7993630570	Ramagundamakanksha@gmail.com
57	Shivani	-	Salla	MSDS	7075094405	Shivanisalla8@gmail.com