



# VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(Sponsored by Lavu Educational Society)  
Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.  
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

# A THREE-DAY WORKSHOP ON DATA SCIENCE TOOLBOX: Essential Tools and Techniques 8<sup>TH</sup> - 10<sup>TH</sup> JAN, 2020 @ SEMINAR HALL



In association with:



Resource Person:  
**Ms. N. Divya**  
HR-Manager,  
Surya TechSolutions,  
Techona

Chief Patron:  
**Dr. Lavu Rathaiah,**  
Chairman, Vignan Group.

Patron:  
**Mr. B. Shravan,**  
CEO, Vignan Group.

Co-Patron:  
**Dr. K. Chandra Shekar,**  
Principal, VMTW.

Advisor:  
**Mrs. V. Indrani**  
Associate Professor & HOD,  
Dept. of CSE.

Co-Ordinator:  
**Dr. S. Ranga Swamy,**  
Associate Professor, CSE.  
Cell: +91 99898 96548



PRINCIPAL

Vignan's Institute of Management & Technology For Women  
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(D)-501301  
Telangana State



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Kondapur (V), Ghatkesar (M), Medchal - Malkajigiri (D) - 501 301 Phone: +91 96529 10002/3



## PERMISSION LETTER

Date: 30-12-2019.

To  
The Principal,  
VMTW,  
Kondapur, Ghatkesar, 501301.

**Subject: Request for conducting Workshop-regarding.**

Respected sir,


Department of Computer Science & Engineering is planning to organize a three days workshop on "Data Science Toolbox: Essential Tools and Techniques" from 08-01-2020 to 10-01-2020.

So we request you to give permission for conducting this workshop and sanction the required amount to organize the workshop.

Thanking you,

  
COORDINATOR



  
H.O. D (CSE)  
Head of The Department  
Computer Science and Engineering  
Vignans Institute of Management & Technology For Women  
Kondapur (V), Ghatkesar (M), Medchal-Malkajigiri (Dt)-501301  
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Telangana State



To:N.Divya<hrmanager@suryatechsolutions.in>

**Invitation: Resource Person for workshop on “Data Science Toolbox: Essential Tools and Techniques”**

**From** <Dept.of CSE VMTW><cse@vmtw.in> 02/01/2020at11:15AM  
**To:**N.Divya<hrmanager@suryatechsolutions.in>

Dear:N.Divya

GreetingsfromTeamVMTW!

It is our honor to write to you & extend this warm invitation to be aResource person for VMTWupcomingworkshop which will take place from on08-01-2020atVMTW. Participatingstudentsandbuddingentrepreneurswillbenefitby your vivid experience, insights, support, encouragement and vision.

**EventDate:**08-01-2020 to 10-01-2020.

**Venue:** Vigan’s Institute of Management and Technology for women

**Morning Session:** 10:00 AM to 12.30 PM,

**Afternoon Session:** 2.00PM to 4.00PM

Wekeenlylookforwardtoyourbenignpresence&supporttomakethissessionagreatlearningexperience.

Regards

Mrs V Indrani  
H.O D(CSE)  
VMTW



*[Handwritten Signature]*  
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Telangana State





[<N. Divya<hrmanager@suryatechsolutions.in>]

[Vignan's Institute of management and technology for women]  
[Kondapur (V), Ghatkesar(M),Medchal-Malkajgheri(D)]  
[Telangana, 501301]

[Subject: Acceptance letter for workshop on "Data Science Toolbox: Essential Tools and Techniques"]

Dear [VMTW, CSEDept],

I am writing to confirm my acceptance of your workshop as a resource person from 08-01-2020 to 10-01-2020. I feel confident that I can make a significant contribution to the corporation, and I am grateful for the opportunity you have given me.

As we discussed, I will report to take the session at 10.00 am on February. Additionally, I shall complete all I look forward to working with you and your fine team. I appreciate in me and am very happy to be joining your staff.

Thanking you....

Sincerely,

Regards

N. Divya.



*N. Divya*  
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## DEPARTMENT OF COMPUTER SCIENCES ENGINEERING

VMTW/CSE/CIR/2019-20/WS/09

Date: 06/01/2020

### CIRCULAR

This is to inform all the faculty that there is a Three-Day Workshop on “**Data Science Toolbox: Essential Tools and Techniques**” scheduled on 08-01-2020 to 10-01-2020. In this regard students are instructed to attend the workshop without fail.

  
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Copy to:

1. Principal office
2. IQAC
3. Admin
4. HODs (CSE, IT, ECE, EEE, BSH)
5. Notice Board
6. Circulate to all Class Rooms
7. File



  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### Report on “Data Science Toolbox: Essential Tools and Techniques”

**Type of Program:** Workshop

**Date:** 08-01-2020 to 10-01-2020

**No. of Students Participated:** 109

**Faculty Coordinator:** Dr .S. RangaSwamy

**Resource Person:** N. Divya

HR-Manager, Suryatech Solutions-Techona

**Objective:** Introduction to data science tools, Data exploration and cleaning, Data manipulation and preprocessing, Collaboration and version control.

**Outcomes:** Proficiency in essential data science tools, understanding Machine learning basics, Model evaluation and performance assessment skills, Collaboration and version control proficiency.



A Data Scientist is responsible for extracting, manipulating, pre-processing and generating predictions out of data. In order to do so, he requires various statistical tools and programming languages.

**COORDINATOR**



**H.O. D**

Head of The Department  
Computer Science and Engineering  
Vignan's Institute of Management & Technology For Women  
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301  
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**Workshop on Data Science ToolBox**

**Course Instructor : N.Divya**

S.No	Roll No	Student Name	8-Jan	9-Jan	10-Jan
1	15UP1A0516	DANTULURI ALEKHYA	Alekhy	Alekhy	Alekhy
2	15UP1A0531	MADHUNAGULA SAHITHI	Sahithi	Sahithi	Sahithi
3	15UP1A0543	S AISHWARYA LAKSHMI	Lakshmi	Lakshmi	Lakshmi
4	16UP1A0501	ALUGALA SOWMYA	Sowmya	Sowmya	Sowmya
5	16UP1A0502	AMBATI SHIVANI	Shivani	Shivani	Shivani
6	16UP1A0503	ANAGANI MEENAKSHI	Meenakshi	Meenakshi	Meenakshi
7	16UP1A0504	ANNADANAM SAI PUSHYAMI	Pushyami	Pushyami	Pushyami
8	16UP1A0505	BANDAM SRI VARSHINI	Varshini	Varshini	Varshini
9	16UP1A0506	BEERELI AKANKSHA	Akanksha	Akanksha	Akanksha
10	16UP1A0507	BHUM SANKEERTHANA	Sankeetha	Sankeetha	Sankeetha
11	16UP1A0508	BODA USHASRI	Ushasri	Ushasri	Ushasri
12	16UP1A0509	BODDU NEELIMA YADAV	Neelima	Neelima	Neelima
13	16UP1A0510	BOPPIDI SINDHUMA	Sindhuma	Sindhuma	Sindhuma
14	16UP1A0511	BURRI SAI DEEKSHITHA	Deekshitha	Deekshitha	Deekshitha
15	16UP1A0513	CHALASANI BHAVANI	Bhavani	Bhavani	Bhavani
16	16UP1A0514	DEVASANI HARSHITHA	Harshitha	Harshitha	Harshitha
17	16UP1A0515	ERUGU SARITHA	Saritha	Saritha	Saritha
18	16UP1A0516	GADDIKOPPULA NAGALAKSHMI	Lakshmi	Lakshmi	Lakshmi
19	16UP1A0518	GANGA NIHARIKA	Niharika	Niharika	Niharika
20	16UP1A0519	GANNE SAI BHANU	Bhanu	Bhanu	Bhanu
21	16UP1A0522	JAJULA JHANSI GOUD	Goud	Goud	Goud
22	16UP1A0523	K KEERTHI REDDY	Keerthi	Keerthi	Keerthi
23	16UP1A0524	K S VIDYA	Vidya	Vidya	Vidya
24	16UP1A0525	KAMJULA SRUTHI	Sruthi	Sruthi	Sruthi
25	16UP1A0526	KANDADI SHALINI	Shalini	Shalini	Shalini
26	16UP1A0527	KANDULA PAVITRA	Pavitra	Pavitra	Pavitra
27	16UP1A0528	KASPA CHANDRIKA	Chandrika	Chandrika	Chandrika
28	16UP1A0529	KATHULA BHAVANA	Bhavana	Bhavana	Bhavana
29	16UP1A0530	KATTA SRIANUSHA	Sri	Sri	Sri
30	16UP1A0531	KHANDERAO BRUNDA	Brunda	Brunda	Brunda
31	16UP1A0533	KODAVALI SAI MANIDEEPA	Manideepa	Manideepa	Manideepa
32	16UP1A0534	KOPPOLU SWETHA	Swetha	Swetha	Swetha
33	16UP1A0535	KYATHAM SUJITHA	Sujitha	Sujitha	Sujitha
34	16UP1A0536	MATHANGODU AISWARYA	Aiswarya	Aiswarya	Aiswarya
35	16UP1A0537	MOLLA SHANTI	Shanti	Shanti	Shanti
36	16UP1A0538	NALLAN VINISSRUTA	Vinissruta	Vinissruta	Vinissruta



  
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37	16UP1A0539	NANNURI UDAYASRI	Uday	uday	Uday
38	16UP1A0540	NUKA SAISHMA	Sai	Sai	Sai
39	16UP1A0541	PASALA SINDHU NIHARIKA	Sindhu	Sindhu	Sindhu
40	16UP1A0542	PILLY SUPRIYA	Supriya	Supriya	Supriya
41	16UP1A0543	POLAVENI MEGHASWI	Moushi	Moushi	Moushi
42	16UP1A0544	RAVULA MOUNIKA	Moushi	Moushi	Moushi
43	16UP1A0545	SAGARLA MAHESHWARI	Moushi	Moushi	Moushi
44	16UP1A0546	SAMINENI SREE LAKSHMI	Lakshmi	Lakshmi	Lakshmi
45	16UP1A0547	SRIRAMOJU SWATHI	Swathi	Swathi	Swathi
46	16UP1A0548	SURAKANTI SIRISHA	Sirisha	Sirisha	Sirisha
47	16UP1A0549	THOUTI SAMANA	Sana	Sana	Sana
48	16UP1A0550	UNDADI SRUJANA BHARATHI	Bharathi	Bharathi	Bharathi
49	16UP1A0551	UYYALA TEJASWINI	Teja	Teja	Teja
50	16UP1A0552	VAKITI SAI SINDHU	Sindhu	Sindhu	Sindhu
51	16UP1A0554	VUPPALA SAHITHI	Saithi	Saithi	Saithi
52	16UP1A0555	YALAGALA SAHITHI	Saithi	Saithi	Saithi
53	16UP1A0556	YANNU AKHILA	Akhila	Akhila	Akhila
54	16UP1A0557	A SAI SREE	Sree	Sree	Sree
55	16UP1A0558	A.SAI SRILEKHA	Leekha	Leekha	Leekha
56	16UP1A0559	AKOJU HARIKA	Harika	Harika	Harika
57	16UP1A0560	BALNI RAKSHANA ANGEL	Rakshana	Rakshana	Rakshana
58	16UP1A0561	BANOTH VASAVI	Vasavi	Vasavi	Vasavi
59	16UP1A0562	BICALA SAI LAHARI	Lahari	Lahari	Lahari
60	16UP1A0563	BYREDDY PREETHI	Preethi	Preethi	Preethi
61	16UP1A0564	DAMA PRIYANKA	Priyanka	Priyanka	Priyanka
62	16UP1A0565	DANDOTHKAR MADHURI	Madhuri	Madhuri	Madhuri
63	16UP1A0566	DONDAPATI SANGEETHA	Sangeetha	Sangeetha	Sangeetha
64	16UP1A0567	DOSAKAYALA NIKHITHA DUTT	Nikhitha	Nikhitha	Nikhitha
65	16UP1A0568	G SHIREESHA	Shireesha	Shireesha	Shireesha
66	16UP1A0569	GADDAM PREETHI	Preethi	Preethi	Preethi
67	16UP1A0570	GUNDLAPALLY MANASA	Manasa	Manasa	Manasa
68	16UP1A0571	HINDURAJ	Hinduraj	Hinduraj	Hinduraj
69	16UP1A0572	KAKULARAPU AKHILA	Akhila	Akhila	Akhila
70	16UP1A0573	KATAMONI SAI PRANAVI	Pranavi	Pranavi	Pranavi
71	16UP1A0574	KATTA V SHAIVALINI	Shaivalini	Shaivalini	Shaivalini
72	16UP1A0575	KOLLOJU KEERTHI	Keerthi	Keerthi	Keerthi
73	16UP1A0576	KONDA ANJALI	Anjali	Anjali	Anjali
74	16UP1A0577	KOTAGIRI SAGARIKA	Sagarika	Sagarika	Sagarika
75	16UP1A0578	KOTAPETA MANASA	Manasa	Manasa	Manasa



*[Signature]*  
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76	16UP1A0579	KUDIDI SAI CHANDANA	Chander	chanda	chana
77	16UP1A0580	LAKAPATHRI NITHISHA	Nithya	Nai	Nai
78	16UP1A0581	LENKALA SATHVIKA	Sathvika	Sathvi	Sathvika
79	16UP1A0582	MALREDDY DIVYA REDDY	Redy	Redi	Redy
80	16UP1A0583	MANDAPALLY PHANI PRIYA	Priya	Priya	Priya
81	16UP1A0584	MEKALA SHARANYA	Sharanya	Shanya	Sharanya
82	16UP1A0585	MONA MUDIRAJ MEKALA	Mona	Mona	Mona
83	16UP1A0586	MUDDASANI SRAVYA	Sravya	Sravya	Sravya
84	16UP1A0587	MUKTAPURAM BHAVANI	Bhavani	Bhavani	Bhavani
85	16UP1A0588	NAREDLA RUCHITHA	Ruchita	Ruchi	Ruchita
86	16UP1A0589	NEELI SHRENIKA	Neeli	Neeli	Neeli
87	16UP1A0590	PALABATLA SHIVANI	Shiva	Shiva	Shiva
88	16UP1A0591	PALLIKONDA SHRAVANI	Shravan	Shravan	Shravan
89	16UP1A0592	PASHAM SPANDANA	Spandana	Spandana	Spandana
90	16UP1A0593	PASUPULETI TEJASWINI	Teja	Teja	Teja
91	16UP1A0594	PATLOLLA SRAVANTHI	Sravanti	Sravanti	Sravanti
92	16UP1A0595	PENDEPWAR SAILATHA	Saitha	Saitha	Saitha
93	16UP1A0596	PENUMATCHANAMRATHA	Penu	Penu	Penu
94	16UP1A0597	POTLA MEGHANA	Meghna	Meghna	Meghna
95	16UP1A0598	PRACHI SHARMA	Sharma	Sharma	Sharma
96	16UP1A0599	R.SANTHOSH VANI	Vani	Vani	Vani
97	16UP1A05A0	RAGULA JAMUNA	Jamuna	Jamuna	Jamuna
98	16UP1A05A1	RAMAGIRI USHA RANI	Rani	Rani	Rani
99	16UP1A05A2	SATHILIGARI SRILATHA	Sritha	Sritha	Sritha
100	16UP1A05A3	SORRA VANDANA	Vandana	Vandana	Vandana
101	16UP1A05A4	SRIGARLA RUPASRI	Sri	Sri	Sri
102	16UP1A05A5	TANGUTURI KEERTHI REDDY	Keerthi	Keerthi	Keerthi
103	16UP1A05A6	THADURI LAXMI PRASANNA	Prasanna	Prasanna	Prasanna
104	16UP1A05A7	UTNOOR RISHITHA	Rishi	Rishi	Rishi
105	16UP1A05A8	VADDIPATI PRATHYUSHA	Prathyusha	Prathyusha	Prathyusha
106	16UP1A05B1	YEDDULA SRI VIDYA	Vidya	Vidya	Vidya
107	166Y1A0564	MANKALA ANUSHA	Anusha	Anusha	Anusha
108	17UP5A0501	PARUPALLY SRAVANTHI	Sravanti	Sravanti	Sravanti
109	17UP5A0502	SAMBOJU HIMABINDU	Himabindu	Himabindu	Himabindu



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In association with:



## Certificate of Participation

This certificate is presented to Ms. ...**A. SHIVANI**.....  
for her participation in a three-day workshop on "**Data Science Toolbox: Essential Tools and Techniques**" held from **08-01-2020** to **10-01-2020**, Organized by the Department of Computer Science and Engineering, in association with Techona, Hyderabad.



  
Co-Ordinator

  
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HoD, CSE

Principal





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This certificate is presented to Ms. .... K. ANJALI.....

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*S. D. ...*  
Co-Ordinator

*...*  
PRINCIPAL

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This certificate is presented to Ms. .... M. SHANTI.....  
for her participation in a three-day workshop on "**Data Science Toolbox: Essential Tools and Techniques**" held from **08-01-2020 to 10-01-2020**, Organized by the Department of Computer Science and Engineering, in association with Techona, Hyderabad.

  
Co-Ordinator



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## Certificate of Participation

This certificate is presented to Ms. **K. SNEETHA**.....  
for her participation in a three-day workshop on "**Data Science Toolbox: Essential Tools and Techniques**" held from **08-01-2020** to **10-01-2020**, Organized by the Department of Computer Science and Engineering, in association with Techona, Hyderabad.



  
**Co-Ordinator**

  
**PRINCIPAL**

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## Certificate of Participation

This certificate is presented to Ms. .... P. MEGHANA.....  
for her participation in a three-day workshop on "**Data Science Toolbox: Essential Tools and Techniques**" held from **08-01-2020 to 10-01-2020**, Organized by the Department of Computer Science and Engineering, in association with Techona, Hyderabad.



*S. @m*

Co-Ordinator

*nan*

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*lea*

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## Certificate of Participation

This certificate is presented to Ms. **M. ANUSHA**.....  
for her participation in a three-day workshop on **"Data Science Toolbox: Essential Tools and Techniques"** held from **08-01-2020 to 10-01-2020**, Organized by the Department of Computer Science and Engineering, in association with Techona, Hyderabad.



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**Co-Ordinator**

**HoD, CSE**