

Aurora's Degree & PG College
(ACCREDITED BY NAAC WITH 'B++' GRADE)
Chikkadpally, Hyderabad 500020



NAME OF THE EVENT	WEBINAR ON DEEP LEARNING & ITS APPLICATIONS IN ASTRONOMY.
TYPE OF EVENT	National
FACULTY INCHARGE	Dr. Meera Joshi
DEPARTMENT	Mathematics
DATE	23 rd May 2020
VENUE	_____
TARGET AUDIENCE	Faculty and students of Science & technology

OBJECTIVE:

- **To enlighten the participants about Deep Learning and its various applications in Astronomy.**
- **To provide an opportunity to the participants to interact with an Alumnus.**

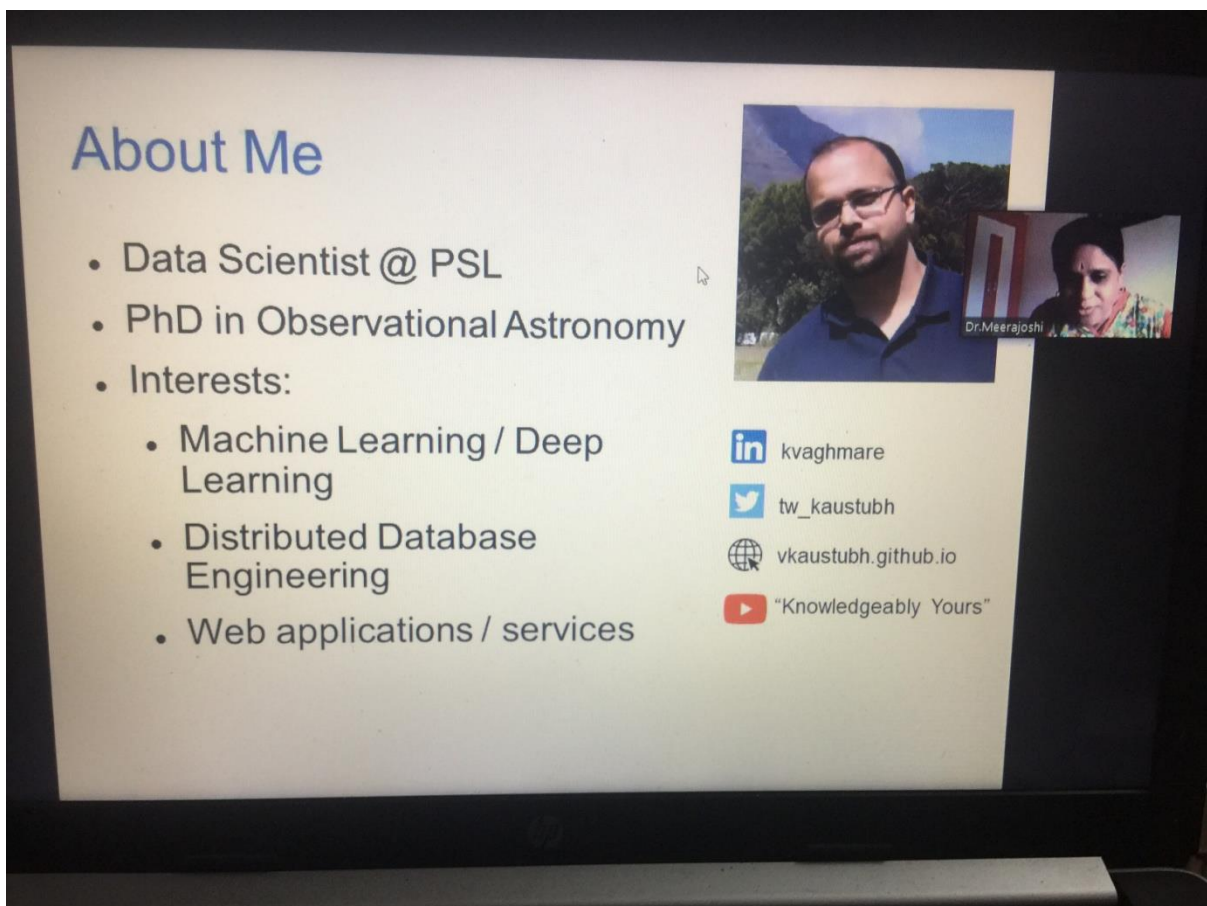
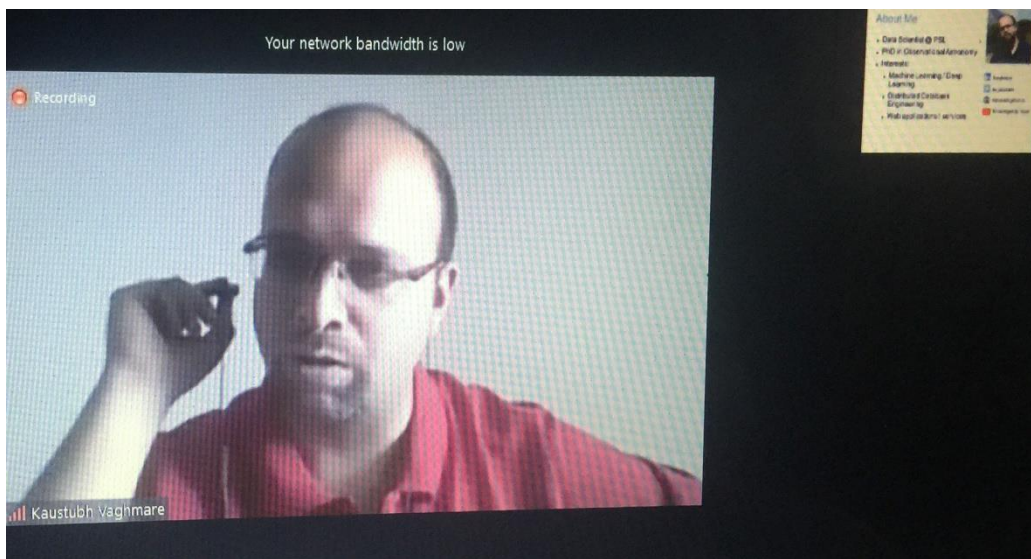
BRIEF ABOUT THE EVENT:

It was planned to conduct a webinar on Deep Learning and its applications in Astronomy. One of our alumnus Dr.Kaustubh Vaghmare is at Persistent Systems Limited as a senior Data Scientist. He agreed to share his knowledge with us. In the webinar the concepts of Machine learning and Deep learning were explained . The challenges in Deep Learning were discussed. Some of its applications in study of near earth phenomenon were shared. Later there was a question answer session during which the participants interacted with the resource person Dr.Kaustubh Vaghmare .Some of the queries were very interesting and thought provoking. The lecture was very informative and updated.

OUTCOME:

- The participants will learn what is Machine Learning and Deep learning along with challenges involved.
- The participants will understand the role of Deep learning in Astronomy.
- The participants of our college will be able to get inspired by alumnus.

Photographs:



DEPARTMENT OF MATHEMATICS

DETAILED REPORT : WEBINAR : ON DEEP LEARNING AND ITS APPLICATIONS IN ASTRONOMY

Introduction:

Presently the education system is fighting with the Covid-19 pandemic. The whole education system came to a standstill due to lockdown. It is a very typical situation. Then the teaching fraternity realized that the teaching & learning process cannot be stopped due to anything. Slowly the academic activity started online. Then the department of Mathematics decided that the students must be kept busy in the academic activity by conducting webinars. It was decided to conduct a webinar on Machine Learning and its applications.

During the process of identifying the resource persons we thought of taking the support of our own alumni who have contributed to this field by their research works. Dr. Kaustubh Vaghmare who is a Data Scientist at Persistent Systems Ltd was Contacted and he agreed to be a resource person.

Objective:

- To enlighten the participants about Deep Learning and its various applications in Astronomy.
- To provide an opportunity to the participants to interact with an Alumnus.

TOPIC: Deep Learning and its applications in Astronomy

TARGET AUDIENCE: All faculty and students of Science & Technology

RESOURCE PERSON: Dr. Kaustubh Vaghmare, Senior Data Scientist ,Persistent Systems Ltd.

FACULTY CO-ORDINATOR : Dr. Meera Joshi

BRIEF OF WEBINAR:

In the webinar the concepts of Machine learning and Deep learning were explained . The challenges in Deep Learning were discussed. Some of its applications in study of near earth phenomenon were shared. Later there was a question answer session during which the participants interacted with the resource person Dr.Kaustubh Vaghmare .Some of the queries were very interesting and thought provoking. The lecture was very informative and updated. It described deep learning and its applications in a nut shell.

REGISTRATION LIST FOR MATHEMATICS WEBINAR - INTRODUCTION TO DEEP LEARNING & ITS APPLICATIONS IN ASTRONOMY.

1	A.Usha Sree	RBVR Reddy Women's College	Lecturer	Hyderabad
2	G Santhi Priya	Bhavan's Vivekananda College	Lecturer	Hyderabad
3	Gundugula Lakshmi Harini	Bhavan's Vivekananda college	Lecturer	Secunderabad
4	Kolipakam suguna	Kasturba Gandhi Degree &PG college for women	Lecturer	Hyderabad
5	Meenakshi Simha	Keshav memorial institute of commerce and sciences	Lecturer	Hyderabad
6	B SRILATHA	R.B.V.R.R WOMEN'S COLLEGE	Assistant Professor	kushaiguda
7	N CHANDAN BABU	Bhavan's Vivekananda College	Lecturer	Hyderabad
8	Venkata Subrahmanyam Sajja	Koneru Lakshmaiah Education Foundation	Associate Professor	Guntur
9	K. Raja Rajeswari	Vijaya Institute of Technology for Women University College for women koti Hyderabad	Assistant Professor	Vijayawada
10	M.Suneetha	Koneru Lakshmaiah Education Foundation, Guntur	Assistant professor	Hyderabad
11	Dr. Ankita Tiwari	Gokaraju Rangaraju Institute of Engineering and Technology	Assistant professor	Hyderabad
12	GADAMSETTY REVATHI	Kasturba Gandhi degree and pg college for women	Lecturer	Hyderabad
13	Tandra Sravani	St. Pious X Degree & Pg college for women	Lecturer	Hyderabad
14	Rayapolu kalyani	St Joseph's degree and pg college	Lecturer	Hyderabad
15	V Sailaja	Koneru Lakshmaiah Educational Foundation	Assistant Professor	VIJAYAWADA
16	Dr. RAJYALAKSHMI K	Koneru Lakshmaiah Educational Foundation	Assistant Professor	VIJAYAWADA
17	CHARAN KUMAR GANTEDA	Sri Durga Malleswara Siddhartha Mahila Kalasala	Lecturer	Vijayawada
18	Dr. M. Dhanalakshmi	Sri Durga Malleswara Siddhartha Mahila Kalasala	Lecturer	Vijayawada
19	Dr. V. Jyothi	St Joseph's Degree & PG College	Assistant professor	Hyderabad
20	Devireddy Srinivas Reddy	St.pious x degree & pg college for women	Lecturer	Hyderabad
21	R.Mamatha	B.G.S HIGH SCHOOL	Student	Pandavapura
22	Revanth Rajeev	Loyola College	Scholar	Chennai
23	Infant Carmel Reju P	RGR Siddhanthi Degree College	Lecturer	Secunderabad
24	Seepana Renuka Devi	Loyola College	Assistant Professor	Chennai
25	J Maria Roy Felix	Malla Reddy Institute of engineering and technology	HOD	Hyderabad
26	Dr. Sneha Joshi	Kasturba Gandhi degree and pg college for women	Lecturer	Hyderabad
27	V. N. V. Lalitha Devi	Bankatlal Badruka college for information technology	Student	Hyderabad
28	Vasuki Goud	St. Francis College for Women, Begumpet	Student	Secunderabad
29	I SAI SOWMYA	Arena animation	Student	Hyderabad
30	Ajay Mitpellywar	Pragathi degree college	Student	Hyderabad
31	Kanigeri Rakesh	Osmania University college for women	Student	Hyderabad
32	Kavita choudhary	St. Ann's College for women	Lecturer	Hyderabad
33	B Japamala Rani	Vidyavardhaka college of engineering	Student	Mysore
34	Prithvi G	Vidya vardhaka college of engineering	Student	Mysuru
35	Varshini.D.E	TTWRDC(W) DEVARAKONDA	LECTURER	NALGONDA
36	Fasiha Anjum	OSMANIA UNIVERSITY COLLEGE FOR WOMEN,KOTI	STUDENT	HYDERABAD
37	THOTAKURA SAIPRIYA	Avanthi Degree College	Lecturer	Hyderabad
38	S. SHANTHI PRIYA			

39	Arugonda Sindhuja	Aurora's degree and pg college	Student	Hyderabad
40	Ashish singh	Aurora's degree and pg college	Student	Hyderabad
41	Ramadas Dronamraju	Aurora's Degree and P.G College	Student	Hyderabad
42	Jekappa Surekha	Aurora's Degree and pg college	Student	Hyderabad
43	Kopalle Sri Venkata Naga Tarun	Aurora's degree and P.G college	Student	Hyderabad
44	Avuti sumanjali	Aurora's Degree & P.G College	Student	Hyderabad
45	Amanpreet kaur	Aurora's degree and PG college	Student	Hyderabad
46	Edakulapally ramani	Aurora degree and pg college	Student	Hyderabad
47	Rajya Lakshmi	Aurora's Degree &PG College	Lecturer	Hyderabad
48	Pramod Karanam	Aurora's degree & pg college	Student	Sindhanoor
49	D.Dheeraj kumar	Aurora's degree and pg College	Student	Hyderabad
50	Racharla vinita	Auroras degree and pg college	Student	Hyderabad
51	Ambadipally Manaswini	Aurora's degree and PG College	Student	Hyderabad
52	Varudkar pranav	Aurora's degree college	Student	Hyderabad
53	Venna Raghunatha Reddy	Aurora's Degree&PG College	STUDENT	HYDERABAD
54	M sai vamshi	Aurora's degree and pg college	Student	Hyderabad
55	Himanshu Mishra	Aurora's degree and PG College	Student	Hyderabad
56	Musuku Nisthiths	Aurora degree college	Student	Nizamabad
57	Yennam vikas	Aurora degree college	Student	Nizamabad
58	Pusala pavan kumar	Aurora's degree and pg college	Student	Hyderabad
59	Rubina khatun	Aurora degree college	Student	Hyderabad
60	B. Asmitha	Aurora degree college	Student	Nizamabad
61	Komal kumara	Aurora's Degree and Pg college	Student	Hyderabad
62	Maanvi muntha	Aurora's degree and Pg college	Student	Hyderabad
63	Bavandla Saikumar	Aurora degree and pg college	Student	Hyderabad
64	Anudeep Sidhanthi	Aurora's Degree and PG College	Student	Hyderabad
65	Pramodini phad	Aurora degree and pg college	Student	Hyderabad
66	Bairam Vaishnavi	Aurora's degree and pg college	Student	Hyderabad
67	Moddu Soumya Reddy	Aurora's degree and PG college	Student	Hyderabad
68	Kasireddy Akhila Reddy	Aurora's degree and pg college	Student	Hyderabad
69	Jaligama Arunachala Aditya Ramana	Aurora Degree and pg College	Student	Hyderabad
70	Varun sagar	Aurora Degree and PG college	Student	Hyderabad
71	M. Swathika	Aurora degree and PG college	Student	Hyderabad
72	A.Bhargavi	Aurora's Degree and pg college	Student	Karmanght
73	Allaka Madhu Siva Kumar	Aurora's Degree and pg college	Student	Hyderabad
74	Thati Navya	Aurora's Degree and PG college	Student	Hyderabad
75	Patel Sampath Kumar	Aurora degree and PG college	Student	Hyderabad
76	RANGU VENKAT SWAMY GOUD	AURORA DEGREE AND PG COLLEGE	Student	Hyderabad
77	Pochampalli Ravali	Aurora's degree and pg college	Student	Hyderabad
78	Keshaganikavitha	Aurora's degree and pg college	Student	Hyd
79	SimrithaReddy	Aurora degree and PG college	Student	Hyderabad
80	Patnamshetty Dharani	Aurora degree and pg College	Student	Hyderabad
81	Pere Lokesh	Aurora's Degree and PG college	Student	Hyderabad
82	Murarishetty gayathri	Aurora degree and pg College	Student	Hyderabad
83	Dundigalla Niharika	Aurora's Degree & PG College	Student	Hyderabad
84	Y Rama Nandini	Aurora's degree and pg college	Student	Hyderabad

85	Madda vaishnavi	Aurora's degree& pg college	Student	Hyderabad
86	Oduri sriram	Auroras degree college	Student	Hyderabad
87	Harish	Aurora degree and pg college	Student	Suryapet
88	B Shivani Reddy	Aurora's degree & pg college	Student	Hyderabad
89	Bathini Bhavya Sree Reddy	Aurora's Degree & PG College	Student	Hyderabad
90	B Shushrutha Reddy	Aurora's degree &pg college	Student	Hyderabad
91	VISHWANATH NEERAJ	AURORA'S DEGREE & PG COLLEGE	STUDENT	HYDERABAD
92	NENAVATH RAMESH	AURORA'S DEGREE & PG COLLEGE	STUDENT	Hyderabad
93	B.Vijaya Lakshmi	Aurora degree and pg college	Student	Hyderabad
94	A.Jeshwanth	Aurora degree and pg college	Student	Hyderabad
95	GANDLA ARUNKUMAR	Aurora degree and PG college	Student	HYDERABAD
96	Toorpati poojitha	Aurora's degree and pg college	Student	Hyderabad
97	Nalimela Vijay	AURORA'S degree college	Student	hyderabad
98	Konda vamshi	Aurora degree and pg college	Student	Hyderabad
99	Atul Sidhanti	Aurora's Degree and Pg College	Student	Hyderabad
100	V.Jayanthi	Aurora's degree and pg college	Student	Hyderabad
101	Thumma Manjula	Aurora Degree And PG College	Student	Mancherial
102	Lsridevi	Aurora degree &pg College	Student	Narayanpet
103	G. Mrunali	Aurora Degree and Pg college	Student	Mehdipatnam
104	Tejasree gaggannapally	Aurora degree and pg college	Student	Hyderabad
105	Reshma meharaj begum	Aurora's degree and pg college	Student	Hyderabad
106	Prathibha G	Aurora Degree And PG College	Faculty	Hyderabad
107	Dr.Meera Joshi	Aurora Degree And PG College	Faculty	Hyderabad
108	P Chandrakala	Aurora Degree And PG College	Faculty	Hyderabad
109	Y Srikrishna Mohan	Aurora Degree And PG College	Faculty	Hyderabad
110	M Devika	Aurora Degree And PG College	Faculty	Hyderabad
111	M Lathasalome	Aurora Degree And PG College	Faculty	Hyderabad
112	B Madhavi	Aurora Degree And PG College	Faculty	Hyderabad
113	R Chandrashakhar	Aurora Degree And PG College	Faculty	Hyderabad
114	Ragasudha J	Aurora Degree And PG College	Faculty	Hyderabad
115	Sandhya Rani A	Aurora Degree And PG College	Faculty	Hyderabad
116	Manasa B	Aurora Degree And PG College	Faculty	Hyderabad
117	K Kumar	Aurora Degree And PG College	Faculty	Hyderabad
118	A Sreenidhi	Aurora Degree And PG College	Faculty	Hyderabad
119	Rajya Lakshmi	Aurora's Degree &PG College	Faculty	Hyderabad

MATHEMATICS-DEEP LEARNING WEBINAR FEEDBACK					
Name	COLLEGE	Satisfaction	Presentation	Informative	Suggestions for topic
Anchana Sreenidhi	Aurora's degree and pg college	5	5	5	
V Sailaja	St Joseph's degree and pg college	5	5	5	Practical demonstrations on deep learning

Patel Sampath Kumar	Aurora degree and PG college	5	5	5	
Avuti sumanjali	Aurora's Degree & P.G college	4	4	4	
Karanam Pramod	Aurora's degree & Pg college	5	4	5	
Seepana Renuka Devi	RGR Siddhanthi Degree College	4	5	5	
Devireddy Srinivas Reddy	St Joseph's Degree & PG College	4	4	3	Data Science in corporate world applications using mathematics & Statistics
D.Dheeraj kumar	Aurora's degree and pg College	4	4	5	
Rayapolu kalyani	St. Pious X Degree & Pg college for women	4	5	4	
Oduri sriram	Auroras degree college	4	4	5	About star
K. Suguna	Kasturba Gandhi degree and pg college for women	5	5	5	On education
Raga Sudha Jonnada	Aurora's Degree & PG College	5	5	5	Applications of Abstract Algebra and Real analysis in various fields etc by eminent personalities who work in Research centres or industries.
Dr. K. Rajyalakshmi	Koneru Lakshmaiah Education Foundation	5	5	5	
Dr. Ankita Tiwari	KONERU LAKSHMAIAH EDUCATION FOUNDATION	5	5	4	Data science and for communication skills
Charankumar G	Koneru Lakshmaiah Education Foundation	5	5	5	Statistics and its applications
Suhasini A	Sri Durga Malleswara siddhartha Mahila Kalasala	5	5	5	
CHARAN KUMAR GANTEDA	Koneru Lakshmaiah Educational Foundation	5	5	5	R
Dr.RAJYALAKSHMI K	koneru lakshmaiah education foundation	5	5	5	Data Science
Dr.K.RAMAKRISHNA	koneru lakshmaiah education foundation	5	5	5	Python
Patnamshetty Dharani	Aurora degree and pg College	4	4	5	It was really very nice.sir was patiently explaining everything about astronomy and it was too inspiring.i have enjoyed the class
Pere Lokesh	Aurora's Degree and PG college	5	5	5	

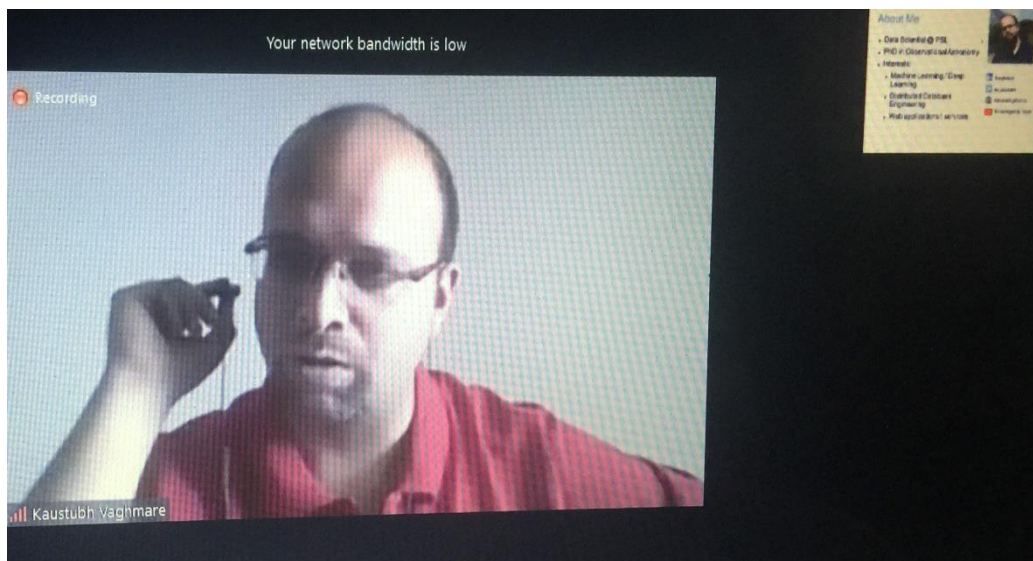
Dr. Sneha Joshi	Malla Reddy Institute of engineering and technology	4	4	4	Deep learning
GADAMSETTY REVATHI	Gokaraju Rangaraju Institute of Engineering and Technology	5	5	5	More applications
Infant Carmel Reju P	Loyola College, Chennai	5	4	5	Topics on building mathematical algorithms and models
Jekappa Surekha	Aurora's degree and pg college	5	5	5	Advanced levels of AI&MI
B manasa	Aurora's Degree and PG College	4	5	4	
S. SHANTHI PRIYA	AVANTHI DEGREE COLLEGE	5	5	5	Cryptography
Bathini Bhavya Sree Reddy	Aurora's Degree & PG College	5	4	5	Any topics related to physics lam waiting to hear...
B Shivani Reddy	Aurora's degree &pg college	5	5	5	
Dr.ANKITA TIWARI	koneru lakshmaiah education foundation	5	5	5	R
Dr Sneha Joshi	Malla reddy institute of engineering and technology	4	4	4	Deep learning
Masaipet Swathika	Aurora's degree nd pg college	5	5	5	Machine learning Artificial intelligence Neuro biology nd more
Murarishetty gayathri	Aurora degree and pg College	4	4	4	
Varudkar pranav	Aurora's degree college	5	5	5	
GADAMSETTY REVATHI	Gokaraju Rangaraju Institute of Engineering and Technology	5	5	5	More applications
Dr.jyothi.Gaddipati	SRI DURGA MALLESWARA SIDDHARTHA MAHILA KALASALA,VIJAYAWADA	5	5	5	
Dr.jyothi.Gaddipati	SRI DURGA MALLESWARA SIDDHARTHA MAHILA KALASALA,VIJAYAWADA	5	5	5	
V.,N.V. Lalitha Devi	Kasturba Gandhi Degree and PG college for women	4	5	5	
Raja Rajeswari Karna	Vijaya Institute of Technology for Women	5	4	5	Data Science , satellite communications
R.Mamatha	St.Pious x degree & g college for women	4	4	4	Python
Kasireddy Akhila Reddy	Aurora's degree and PG college	4	5	4	1) University and career choice

Raja Rajeswari Karna	Vijaya Institute of Technology for Women	5	4	4	Data Science, Google Class , Satellite Communications
THOTAKURA SAIPRIYA	OSMANIA UNIVERSITY COLLEGE FOR WOMEN,KOTI	4	3	4	SCOPE IN MICROWAVES FOR CAREER ASPECTS
G Santhi Priya	Bhavans vivekananda college	4	4	4	good
Thumma manjula	Aurora degree and pg college	5	5	5	I suggest webinar on NET and SET
Dr. M. Dhanalakshmi	Sri Durga Malleswara Siddhartha Mahila Kalasala	5	5	5	
V.Jayanthi	Aurora's degree and pg college	4	4	5	Related to maths n set n net... increasing intelligence...
M SUNEETHA	University College for women koti Hyderabad	4	4	4	Deep learning implementation
RUBINA KHATUN	AURORA'S DEGREE & PG COLLEGE	5	4	5	
Toorpati poojitha	Aurora's degree and pg college	4	4	4	
Prithvi G	Vidyavardhaka college of engineering	5	5	5	General theory of relativity
Thumma manjula	Aurora degree and pg college	5	5	5	I suggest webinar on NET and SET
M Sai vamshi	Aurora's degree and pg college	4	4	4	
Ramadas Dronamraju	Aurora's degree and P.G College	4	4	4	
Tarun	Aurora's degree and P.G college	3	4	3	
NENAVATH RAMESH	AURORA'S DEGREE & PG COLLEGE,CHIKKADPALLY	4	4	4	
A jeshwanth	Aurora degree college	5	5	5	
B.Vijaya Lakshmi	Aurora degree and pg college	5	5	5	AI & Machine learning
Moddu Soumya Reddy	Aurora's degree and PG college	5	4	5	
Tarun	Aurora's degree and P.G college	3	4	3	
Munnangi Latha Salome	Aurora's Degree &PG College	5	5	5	Applications of Linear Algebra
Dr.jyothi. Gaddapati	SRI DURGA MALLESWARA SIDDHARTHA MAHILA KALASALA VIJAYAWADA	5	5	5	
Dr. Meera Joshi	Aurora's Degree & PG College	5	5	5	Mathematics in deep learning.
Prathibha G	Aurora's Degree and Pg college	5	5	5	_
Prathibha G	Aurora's Degree and Pg College	5	5	5	
Rayapolu kalyani	St. Pious X Degree & Pg college for women	4	4	5	

Maanvi muntha	Aurora's degree and Pg college	4	4	3	
Varun sagar	Aurora degree and PG college	5	4	5	
Pusala pavan kumar	Aurora's degree and pg college	3	3	4	
Fasiha Anjum	TTWRDC(W) DEVARAKONDA	3	3	4	
Yennam vikas	Aurora degree college	4	5	5	
J. Maria Roy Felix	Loyola College	5	5	5	observational astronomy
Lsridevi	Aurora's degree & pg college	4	3	4	

I thank one and all who supported the webinar.


PHOTOGRAPHS:





About Me


- Data Scientist @ PSL
- PhD in Observational Astronomy
- Interests:
 - Machine Learning / Deep Learning
 - Distributed Database Engineering
 - Web applications / services



 kvaghmare

 tw_kaustubh

 vkaustubh.github.io

 "Knowledgeably Yours"