



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Machine Learning and its Applications-Hands on Training

Date: 18-11-2020 & 19-11-2020

By

Prof. Shabarath Premlel
Founder CEO - Educational
Research centre, ResPro Lab

In the Presence of

Col. Prof. Vel. Dr. R. Rangarajan

Chancellor & Founder President

Dr. Sagunthala Rangarajan

Foundress President

Prof. S. Salivahanan

Vice Chancellor



Vel Tech
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R&D Institute of Science and Technology
(Deemed to be University Established 3 of UGC Act, 1956)

SCHOOL OF COMPUTING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EVENT SUMMARY REPORT

FOR

Two day Workshop on
Machine Learning and its Applications- Hands on Training

Name of the Coordinator : **Dr K Meena**
Dr Carmel Mary Belinda

TTS NO : **2304 & 2156**

Designation : **Professor**

Event Date : **November 18th and 19th, 2020.**



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1. EVENT SUMMARY SHEET

SCHOOL OF COMPUTING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EVENT SUMMARY SHEET FOR

Two day Workshop on
Machine Learning and its Applications- Hands on Training

Event Date: November 18th and 19th , 2020.

Chief Guest: Prof. Shabarinath Premlel,
Founder CEO, Educational Research centre, ResPro lab, Chennai, India

Objective:

The nearly limitless quantity of available data, affordable data storage, and the growth of less expensive and more powerful processing has propelled the growth of machine learning. Now many industries are developing more robust machine learning models capable of analyzing bigger and more complex data while delivering faster, more accurate results on vast scales. Machine learning tools enable organizations to more quickly identify profitable opportunities and potential risks. The practical applications of machine learning drive business results which can dramatically affect a company's bottom line. New techniques in the field are evolving rapidly and expanded the application of machine learning to nearly limitless possibilities. Industries that depend on vast quantities of data—and need a system to analyze it efficiently and accurately, have embraced machine learning as the best way to build models, strategize, and plan.

Inaugural:

Venue: Online – MS Team Platform
Time : 18.11.2020 & 19.11.2020, 10.00 am to 1 pm

The workshop was initiated with the blessing of god (prayer song)

The welcome address was given by Prof. **Dr. K . Meena** Department of CSE had addressed the gathering with a glorious welcome.

The inaugural address was given by the Dean Academics Dr Ravichandran by his inspirational and motivational talk about the applications of machine learning algorithms in real world problems.

Mr. Shabarinath Premlal, gave the special address about the usage of machine learning algorithm to solve the real time applications and finally started the session at 10.00 AM through Online platform MSTEAM.

Day – 1

- Introduction to Machine learning algorithm
- Types of ML
- Supervised learning algorithm and its types
- Hands on session using python
- Case study

Day – 2

- Un supervised learning algorithm and its types
- Dimensionality reduction techniques
- Hands on session using python
- Case study

Valedictory :

Tme: 19.11.20 – 1.00pm

The Certificates are issued by the Prof. Dr.V. Srinivasa Rao through online those who participated in the workshop effectively.

Dr. Carmel mary Belinda proposed vote of thanks, she conveyed the special thanks to Management, Vice chancellor, Dean Academic, HOD, Coordinator's and also added her wholehearted thanks to faculty members, students and supporting faculty. Finally, this program was successfully ended with National Anthem.

Outcome of Workshop:

The students are able to find and exploit the machine learning algorithm to solve real world problems.

2. BUDGET APPROVAL

Dr. K. Meena (TTS 2208), Professor
Dr. Carmel Mary Belinda (TTS 2145)
Professor, Department of Computer
Science & Engineering
Vel Tech Rangarajaperumal Srinivasan
Engineering Institute of Science and
Technology, Avadi, Chennai-600092

To
The Vice Chancellor
Vel Tech Rangarajaperumal Srinivasan
Engineering Institute of Science and
Technology,
Avadi, Chennai-600092

(Through Proper Channel)

Respected Sir,

Sub: Requestion to conduct the two days workshop on "Machine learning and its applications- Hands on Training" in November 2022. (Reg)

This is to bring to your kind notice that, we are willing to conduct one day Workshop on "Machine learning and its applications- Hands on Training" on 18.12.20 and 19.12.20 (from to 1pm), the resource person detail is given below,

Sl. No.	NAME OF THE EXPERT	DESIGNATION
1	Mr Shubharinath Premkai	Founder, CEO, Educational research centre, Resplains, Chennai, India

Hence, we are requesting you to sanction the amount for conducting the above said workshop. Kindly consider this and do the needful.

Sl. No.	Items	Budget	To Whom amount to be paid
1	Remuneration	Rs. 10,000	Dr Carmel Mary Belinda
2	Miscellaneous	Rs. 1000	Dr Carmel Mary Belinda
	Total	Rs. 11,000	

Forwarded
Humble VCB
21/10/20

Thanking you,
Dr. S. Salivahanan
Vice Chancellor

Yours sincerely,
Dr. K. Meena

Vel Tech
Rangarajaperumal Srinivasan
Engineering Institute of Science and
Technology
Avadi, Chennai-600092

3. COMMITTEE

Machine Learning & its Applications - Hands on Training

REGISTRATION FORM (To be filled in by all interested)

Name _____
Designation _____
Organization _____
Address _____
Mobile _____
Email ID _____

Signature _____

Important Dates

Last date for Registration : 17.11.2020

CHIEF PATRONS

Col. Prof. Vel. Dr. R. Rangarajan
Chancellor & Founder President

Dr. Sugunthala Rangarajan
Foundress Chancellor

PATRONS

Prof. S. Sathyanathan
Vice Chancellor

CONVENOR

Dr. V. Srinivasa Rao
Dean - SoC & HoD - CSE

EVENT CO-ORDINATORS

Dr. K. Meena
Prof., Dept. of CSE

Dr. Carmel Mary Belinda
Prof., Dept. of CSE

RESOURCE PERSON

Mr. Sharbarinath Premalal
Founder, CEO
Educational Research Centre, Resprolabs, Chennai



Vel Tech
Rangarajan Dr. Sugunthala
Rajalakshmi Engineering College
Chennai - 600 062

Workshop

ON

Machine Learning & its Applications - Hands on Training

18th & 19th November 2020

Organized by

Department of
Computer Science and Engineering,
School of Computing

Convenor

Dr. V Srinivasa Rao,
Dean - SoC & Head - CSE

4.BROCHURE

Machine Learning & its Applications - Hands on Training

REGISTRATION FORM

Name _____
Registration _____
Organization _____
Address _____
Mobile _____
Email ID _____

Signature _____

Important Dates

Last date for Registration : 17.11.2020

CHIEF PATRONS

Col. Prof. Vel. Dr. R. Rangarajan
Chancellor & Founder President

Dr. Sagunthala Rangarajan
Foundress Chancellor

PATRONS

Prof. S. Sallivahanan
Vice Chancellor

CONVENOR

Dr. V. Srinivasa Rao
Dean - SoC & HoD - CSE

EVENT CO-ORDINATORS

Dr. K. Meena
Prof., Dept. of CSE

Dr. Carmel Mary Belinda
Prof., Dept. of CSE

RESOURCE PERSON

Mr. Sharbarinath Premial
Founder, CEO
Educational Research Centre, Resprolabs, Chennai



Vel Tech

Rangarajan Dr. Sagunthala
Foundress Chancellor

Workshop

ON

Machine Learning & its Applications - Hands on Training

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Department of
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Dr. V Srinivasa Rao,
Dean - SoC & Head - CSE

About Vel Tech

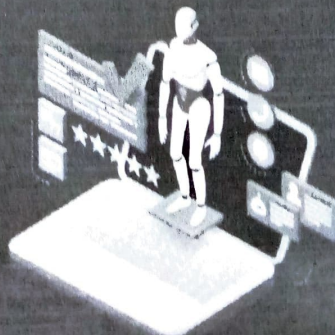
Vel Tech is well-known for its renowned educational practices, which has been recognized and endowed with several awards. The founders of the Institution, Col. Prof. Vel. Dr. R. Rangarajan Chancellor & Founder President and Dr. Sagunthala Rangarajan Foundress President believes in Education for All despite their financial means which will promote and uplift the society. In accord to their vision, Vel Tech Mahatma Gandhi Scholarship scheme was started and has supported students since the inception. Vel Tech has bestowed 9500 scholarships worth approximately Rs. 35 Crores until 2019.

Global Alliances of Vel Tech has working International Relations with more than 390 Institution across 30 countries and has entered in the Memorandum of Understanding (MoU)

with 120 Institutions for various Academic and Research exchange activities. Students, Faculty members, and Researchers get the collaborative platform for Academic projects, explore leading best practices and Research work with International Universities. Vel Tech believes that there are no boundaries in the pursuit of knowledge. Through these strategic alliances with International Universities, the standard of education at Vel Tech would be on par with the best in the world.

About School of Computing (SoC)

The SoC Comprises the Departments of Computer Science and Engineering (CSE), and Information Technology (IT). It offers UG, PG and Doctoral Programmes in CSE and IT. For further details: www.veltech.edu.in



About the Department

The Department of Computer Science & Engineering (CSE) was established in the year 1997. The department has grown to current strength of 2600 students from a humble beginning with 250 students. The department is equipped with the latest state of the art laboratories. The department has a dedicated team of faculty members with 14 Professors, 17 Associate Professors and 106 Assistant Professors, among them 43 having doctoral degree. The students can become members of Computer Science of India (CSI), IEEE CS, IEEE PCS, IEEE WIE, ACM & ISTE. The students have been placed with leading MNC's like Wipro, ZOHO, KAAR technologies, TCS, Microsoft, Infosys, CTS, HP and Verizon. For further details: www.veltech.edu.in/cse

9. Registration Details

Sl.No	Student Name	VTU no	Register no	Whatsapp no	Year
1	B. Abhilash	12525	18UECS0163	9110700679	III Year
2	CH V NAGA SAI KUMAR	11107	18UECS0177	9398319925	III Year
3	Chavav Raghunatha Reddy	13104	19UECS0175	7013470933	II Year
4	Azeem Salman	11665	18UECS0101	9361485237	III Year
5	Lingarao	9392	17UECS0071	8179175989	IV Year
6	Aman Singh	13594	18UECS0052	9840712681	III Year
7	S. Anirudh	11642	18UECS0063	9840461938	III Year
8	MORTHALA SUHAS BREDDY	12530	18UECS0538	8639066573	III Year
9	BHAVANAM BINDHU REDDY	15193	19UECS0122	9390707156	II Year
10	MANISH KUMAR	9981	17UECN0030	8507744077	IV Year
11	D. Muni umesh chandra	12790	18uecs0209	6302053446	III Year
12	J.harshavardhan Reddy	13486	19UECS0393	9182904037	II Year
13	JUPALLY SAI KUMAR	13830	19UECS0396	9676749112	II Year
14	P.Varalakshmi	11639	18UECS0906	9884987885	III Year
15	SAKTHIVEL L K	11117	18uecs0757	7339610254	III Year
16	Y.Niranjan	8882	17UECS0839	9550175536	IV Year
17	K.S.chaitanya	12856	18UECS0340	7331178761	III Year
18	Podile Srinivasa Rao	12202	18UECS0671	9553730412	III Year
19	V. Dharma Satish	13943	19UEME0216	9133624027	II Year
20	N.PRANAY	8948	17UECS0497	7358884619	IV Year
21	Nandan Kumar das	13590	18UECS0579	6200205068	III Year

22	Shatadru Sarkar	10420	17UECS0707	9862204816	IV Year
23	Veluru mohan sai reddy	15942	19UECS1038	9059502537	II Year
24	GURRAM RAJASHEKAR	12516	18UECS0301	7013575789	III Year
25	Akash Kumar Sahani	13607	18UECS0033	9955641980	III Year
26	M. Chandana	13856	19UECS0576	8688550067	II Year
27	Nalamothu Naveen	15211	19UECS0671	8978560792	II Year
28	Sneha chowdary Tella	11496	19UECS0965	9347782323	II Year
29	PN NIKHIL	11084	18UECS0661	9515517147	III Year
30	Unnagiri sivanarayana	13781	19UECS1000	8688960792	II Year
31	Irshad Ali Dhuniya	13600	18UECS0320	9956517494	III Year
32	Gandrakota Dhiraj venkata phani saikrishna	8605	17UECS0214	9989348069	IV Year
33	T Sree Vignesh	11098	18UECS0843	9100210855	III Year
34	K BENARJEE NAIDU	11417	18UECS0446	7349775971	III Year
35	L.Manjunatha Reddy	11120	18UECS0454	6302046961	III Year
36	K surendra reddy	8955	17UECD0040	7702969543	IV Year
37	Chandan Kumar	10470	17UECS0144	9361208077	IV Year
38	KANCHARLA DIVYA	15847	19UECS0427	6301098855	II Year
39	Balasa swetha	15957	19UECS0095	9441830062	II Year
40	V. Gunasekhar	9734	17UECS0782	7285980274	IV Year
41	Pasupuleti Sandeep	11357	18UECS0641	9866626917	III Year
42	Kancharla Sri vani Gayathri	8960	17uecn0097	8317566984	IV Year
43	Korakoppula Anvesh Goud	9072	17uecn0026	9959009101	IV Year
44	Manudeepak	11136	18uecs0534	6302867988	III Year

[illegible]

68	Bhavana Vyshnavi	12196	18UECS0126	6303341722	III Year
69	Goli Suraj Reddy	9785	17UECD0007	7036930624	IV Year
70	Cheetewar Aryan	10141	17UECS0155	9533754747	IV Year
71	B Lohith Kumar Reddy	8725	17UECS0078	9398141325	IV Year
72	ADAPA TINKU NAGA SAI PAVAN	11370	18UECS0019	6309594926	III Year
73	T.RAGA VYSHNAVI	9155	17UECDOO64	9182581210	IV Year
74	Abhishek Kumar arya	16152	19UECS0014	7761096044	II Year
75	U BHARATH VIJAY SURENDRA VARMA	9135	17UECN0083	9000588990	IV Year
76	Swekin Shanthini Arokiya J	11655	18UECS0838	8668080122	III Year
77	Jalasutram Anil Kumar	8878	17UECN0096	9182021620	IV Year
78	V. Surya Kiran Varna	9136	17uecn0117	9949967247	IV Year
79	S. Mounika	9161	17UECS0683	8688597427	IV Year
80	Satya Santhosh Toleti	9151	17UECS0769	9951116099	IV Year
81	K Mojesh	9152	17UECS0287	8328087506	IV Year
82	Chandan Kumar Karn	13592	18UECS0174	6201837752	III Year
83	Amrish Kumar G	11672	18UECN0003	7358306082	III Year
84	VINEETH KUMAR YAKKALA	9900	17UECN0069	8247617255	IV Year
85	Ande Veera Venakata Ramana	14241	18UECD0001	7358214967	III Year
86	Mounika Sharma	12560	18UECS0540	9705822690	III Year
87	Putta Deepak Sai	12439	18UECD0003	9963898034	III Year
88	S.Kranthi	12545	18UECS0830	9640412184	III Year
89	N Dileep Chandra	9188	17UECS0514	9502751265	IV Year
90	Kantey Venkatesh	10106	17UECS0315	8297904790	IV Year

114	KATTA RAJINI KANTH REDDY	10142	17UECS0330	9182261794	IV Year
115	K. Snigdha	9872	17UECS0380	9182849972	IV Year
116	Leya varghese	9144	17UECD0043	9705864252	IV Year
117	G Maheshwer Reddy	9078	17UECD0006	9182538963	IV Year
118	Y Rama Vardhini	8693	17UECS0832	8778148211	II Year
119	Reethika Gattu	9046	17UECN0045	7893359944	IV Year
120	Ryali lakshmi lavanya	8788	17UECS0662	9182503572	IV Year
121	Aakash Raj	10512	17UECS0008	9693039480	IV Year
122	Abhay raj	14245	18UECS0009	7070684484	III Year
123	P Teja Vamsi Krishna Varna	15418	19UECS0762	9705752688	II Year
124	D. Sai Pankaj varma	14726	18UECS0221	8978460463	III Year
125	S. Venkata Subbareddy	15869	19UECS0868	6305657660	II Year
126	Kota Bhavitha	9407	17UECS0373	9441932637	IV Year
127	NIRANJAN	12748	18UECS0296	7032533948	III Year
128	M sai harisha	9369	17UECS0422	7013243627	IV Year
129	Rajulapati Geethika	9481	17UECS0635	9182460257	IV Year
130	P. Shashank	12541	18UECS0679	6303482316	III Year
131	Gowtham Naidu Chappa	12448	18UECS0288	6303504922	III Year
132	M.Ranjith	12433	18UECS0506	7730011563	III Year
133	KARAKA SHASHIDHAR REDDY	14303	18UECS0363	7997036270	III Year
134	V Mahesh	12498	18UECS0903	9014814528	III Year
135	Sai Sumanth Chowdary yalamarthi	10095	17UECS0672	9493245698	IV Year
136	Chandranil Bollam	11411	18UECS0143	7207322333	III Year

160	PANCHUMARTHI DILEEP KUMAR	12875	18UECS0631	9133030874	III Year
161	K.Neelima	10160	17UECS0294	9492986719	IV Year
162	K.SAI KIRAN	15321	19UECS0402	7032414235	II Year
163	SHRAWAN KUMAR	10454	17UECS0708	8409016188	IV Year
164	Balineni venkata krishna	12707	19UECS0096	8688530262	II Year
165	Parthasarathy E	11231	18UECS0634	8056295081	III Year
166	KURUPATI SUDHEESH KUMAR NAIDU	15804	19UECS0523	8639576384	II Year
167	RAVELLA VISHNU	14743	18UECS0725	9676095674	III Year
168	K. ESWAR NARASHIMA PRASAD	12195	18UECS0424	9866517747	III Year
169	MANDADI ADARSH	14699	18UECS0495	8978273696	III Year
170	Vikash Kumar	10651	17UECS0807	9471110188	IV Year
171	Kumar Aditya	10886	17UECS0384	7691060157	IV Year
172	G.Asritha	15710	19UECS0287	8008143101	II Year
173	Y.v.rakesh reddy	11631	18uecs0946	6303839848	III Year
174	M. Jagadish	15719	19UECS0595	8688846325	II Year
175	P.Eswari Swetha	9894	17UECD0023	7397313151	IV Year
176	CHUNDRU DEVI SUHITHA	9717	17UECS0855	9573636218	IV Year
177	Valeti Venkata Nikhil	9870	17UECS0787	8919596977	IV Year
178	V Mukhesh Chandra	9224	17UECS0813	8639532232	IV Year
179	KUNKU THARUN KUMAR	13579	19UECS0518	6304990381	II Year
180	K.shashank	15794	19UEcs0403	9346319864	II Year
181	A.E.Venkata Deekshith	15792	19UECS0001	9381038986	II Year
182	Perumalla Beaula Darshini	15789	19UECS0763	9381783083	II Year

183	K.kavya	15817	19UECS0457	6305714170	II Year
184	KATABATTUNI VAMSI KRISHNA	9710	17UECS0854	7901001042	IV Year
185	T. Swetha	13351	18UECS0864	6303462528	III Year
186	PULAGAM JYOTHI BHARGAVI	12984	18UECS0691	9293234222	III Year
187	Pasula vikas	15813	19UECS0744	6205999797	II Year
188	Mohan narasimha	14855	19UECS0471	8179347752	II Year
189	K.mehar chaitanya	14751	18UECS0423	8919092889	III Year
190	Y. Bhavana Sri Harshini	15191	19UECS1064	9618214660	II Year
191	M SIVA KRISHNA	12760	19UECS0605	9502560244	II Year

CERTIFICATE OF PARTICIPATION



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

This is to certify that Mr. / Ms. _____ of
_____ has actively participated in
the **Machine Learning and its Applications-Hands on Training** held on **18th – 19th November 2020** organized
by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.

Prof. Dr. A. T. Ravichandran
Dean Academics

Dr. E. Kannan
Registrar

Prof. S. Salivahanan
Vice Chancellor