



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad Accredited 2nd time by NAAC with
'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP-II S.C. I.I)
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad, Telangana
State – 500100
www.mrec.ac.in

Department of Computer Science and Engineering

CIRCULAR

Date: 25/07/2019

All the students are hereby informed that Value Added Course on “**MACHINE LEARNING**” is being organized by the **Computer Science and Engineering** department on dated **5th August 2019 to 09th August 2019**. The resource person for the course is “**Mr. Mathang Seshagiri, Google Cloud Career Readiness Program.**”

Students are advised to register their names to the programme coordinator “**Mr. PV Ramana Murthy, Associate Prof, CSE Dept**”, on or before 01/08/2019 and utilize this opportunity to enhance their skills by attending the programme.

The detailed schedule of the programme will be displayed in the notice board.

Head of the Department

Copy to:

- 1) Circulation in Students classroom
- 2) All HOD's
- 3) Notice Boards
- 4) PA to principal for filing.



Ramana
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

About the Institution

Malla Reddy Engineering College (Autonomous) is one of the reputed engineering colleges in Hyderabad, Telangana. **MREC (A)** is part of Malla Reddy Group of Institutions (MRGI), founded by Sri. Ch. Malla Reddy, currently Hon'ble Minister, Labor and Employment, Factories, Women and Child Welfare and Skill Development, Govt. of Telangana State. The college is situated in a serene, lush green environment in Maisammaguda, Gundlapochampally, Medchal(M), Medchal-Malkajgiri District Telangana- 500100.

The college was established in 2002 and is an autonomous institution approved by UGC and affiliated to JNTUH. The college is re-accredited by NAAC with 'A' Grade (II Cycle) and was conferred autonomous status by JNTUH in 2011 and by UGC in 2014 for a period of 6 years. Our eligible UG and PG programs received NBA accreditation and some of them received reaccreditation too. The college caters to wide ranging aspirations and goals of student communities by offering new courses in UG courses provides PG courses and MBA along with programs in various streams of Engineering & Technology and Management. It boasts of world-class infrastructure and well-equipped laboratories in all departments and is skillfully and smartly guided by **Dr. S. Sudhakara Reddy, Principal, MREC (A)** who have a rich teaching and industrial experience.

Mr.

Advisory Committee

Chief Patrons: Sri. Ch. Malla Reddy, Minister-Telangana State-India.
Founder Chairman
Malla Reddy Group of Institutions

Patrons: Sri.Ch. Mahender Reddy
Secretary, MRGI
Dr. Ch. Bhadra Reddy
President, MRGI

Co-Patrons: Dr. S. Sudhakara Reddy
Principal, MREC (A)

Convener: Dr. G. Charles Babu
HOD CSE

Coordinator: Mr. P.V. Ramana Murthy
Associate Professor, CSE

Resource Person: Mathang Seshagiri, Google Cloud
Career Readiness program

Organizing Committee:

Dr. Dr. O. Obulesu, Professor, CSE
Dr. S. Dhanalakshmi, Professor, CSE
Mr. Sanjeeva Polepaka, Associate Professor, CSE
Mr. K Arun Kumar, Assistant Professor, CSE
Ms. S. Sandhya Ran, Assistant Professor, CSE
Mr. Md. Inayathulla, Assistant Professor, CSE
Mr. A. Lakshman, Assistant Professor, CSE
Mr. Yarava Rokesh Kumar, Assistant Professor, CSE
Mrs. G. Vamshi Krishna, Assistant Professor, CSE

Handwritten signature
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec:bad-500100



*A One-Week Skill development Course
(Value added Course)*

On

"Machine Learning"

(5th to 9th August, 2019)



*Organized by
Department of*

**Computer Science and Engineering
MALLA REDDY ENGINEERING COLLEGE**

(AUTONOMOUS) MAIN CAMPUS

An UGC Autonomous Institution, Approved by
AICTE & Affiliated to JNTUH-Hyderabad
Reaccredited by NAAC with 'A' Grade (II Cycle)
Maisammaguda(H), Gundlapochampally (V),
Medchal (M), Medchal - Malkajgiri District
Telangana - 500100, India.

Registration Form

Name of the Participant :-----

Branch & Year :-----

Name of Institution:-----

Address for Communication:-----

Mobile Number:-----

E-Mail ID:-----

DECLARATION:

The information furnished above is true to the best of my Knowledge.

Place:

Date:

Signature of Applicant



About the Department

The Department of CSE was started in the year 2005 with a vision of imparting high-quality education to suite the global standards in Computer science and Engineering. The department has got highly qualified & committed faculty members supported by dedicated technical staff.

The department has its own library and sophisticated laboratories not only to suite curriculum requirements but also to serve research needs such as Computer Networks, Data Mining, Software Engineering, Image processing & Cloud Computing, Workshops, software simulation etc. The department formed CSI and ISTE student branch for the benefit of students and faculty by conducting technical Conferences, workshops, FDPs and Guest lectures.

Overview of the Programme

Machine learning, is an application of AI that is based on the idea that when machines are provided new data, they can learn, grow, and develop on their own without explicit human intervention/programming.

The primary goal of the *workshop* was to bring together providers of *machine learning* toolkits and framework providers with Web platform practitioners to enrich the Open Web Platform with better foundations for *machine learning*.

Objectives of the Programme

This course creates exposure in identifying the

To make the students in understanding of algorithms of Machine learning.

To provide the knowledge in supervises and unsupervised methods.

To provide the knowledge and assit the participants in developing new concepts of Machine Learning.

Topics to be covered

- Introducing to Machine learning
- Supervised methods.
- Unsupervised methods.
- Reinforcement learning
- Sample programs using R Tool
- Hands on experience using R Tool

Certificate

After successful completion of the course the certificates shall be issued to the participants.

Outcome of the program,

On completion of this course, participants will be able to have a good understanding of the fundamental issues and challenges of machine learning: data, model selection, model complexity, etc.

Appreciate the underlying mathematical relationships within and across Machine Learning algorithms and the paradigms of supervised and unsupervised learning.

Keerthi
Malla Reddy Engineering College,
Malsammaguda, Dhulapally,
(M. Kompally), Sec'bad-500100.



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad Accredited 2nd time by NAAC with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP-II S.C. 1.1)

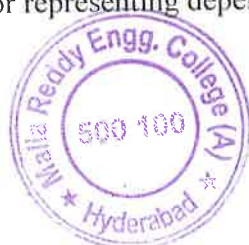
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad, Telangana State

500100

www.mrec.ac.in

MACHINE LEARNING SYLLABUS

- 1. Introduction to ML** - Definition of learning systems, Goals and applications of machine learning. Aspects of developing a learning system: training data, concept representation, function approximation.
- 2. Inductive Classification** - The concept learning task, Concept learning as search through a hypothesis space, General-to-specific ordering of hypotheses, Finding maximally specific hypotheses, Version spaces and the candidate elimination algorithm. Learning conjunctive concepts, The importance of inductive bias.
- 3. Decision Tree Learning** - Representing concepts as decision trees, Recursive induction of decision trees, Picking the best splitting attribute: entropy and information gain, Searching for simple trees and computational complexity, Occam's razor. Overfitting, noisy data, and pruning.
- 4. Ensemble Learning** - Using committees of multiple hypotheses, Bagging, boosting, and DECORATE, Active learning with ensembles.
- 5. Experimental Evaluation of Learning Algorithms** - Measuring the accuracy of learned hypotheses, Comparing learning algorithms: cross-validation, learning curves, and statistical hypothesis testing.
- 6. Computational Learning Theory** - Models of learnability: learning in the limit; probably approximately correct (PAC) learning. Sample complexity: quantifying the number of examples needed to PAC learn. Computational complexity of training. Sample complexity for finite hypothesis spaces. PAC results for learning conjunctions, kDNF, and kCNF. Sample complexity for infinite hypothesis spaces, Vapnik-Chervonenkis dimension.
- 7. Rule Learning: Propositional and First-Order** - Translating decision trees into rules. Heuristic rule induction using separate and conquer and information gain. First-order Horn-clause induction (Inductive Logic Programming) and Foil. Learning recursive rules. Inverse resolution, Golem, and Progol.
- 8. Artificial Neural Networks** - Neurons and biological motivation. Linear threshold units. Perceptrons: representational limitation and gradient descent training. Multilayer networks and backpropagation. Hidden layers and constructing intermediate, distributed representations. Overfitting, learning network structure, recurrent networks.
- 9. Support Vector Machines** - Maximum margin linear separators. Quadratic programming solution to finding maximum margin separators. Kernels for learning non-linear functions.
- 10. Bayesian Learning** - Probability theory and Bayes rule. Naive Bayes learning algorithm. Parameter smoothing. Generative vs. discriminative training. Logistic regression. Bayes nets and Markov nets for representing dependencies.



Revised
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

11. **Instance-Based Learning** - Constructing explicit generalizations versus comparing to past specific examples. k-Nearest-neighbor algorithm. Case-based learning.
12. **Text Classification** - Bag of words representation. Vector space model and cosine similarity. Relevance feedback and Rocchio algorithm. Versions of nearest neighbor and Naive Bayes for text.
13. **Clustering and Unsupervised Learning** - Learning from unclassified data. Clustering. Hierarchical Agglomerative Clustering. k-means partitional clustering. Expectation maximization (EM) for soft clustering. Semi-supervised learning with EM using labeled and unlabeled data.
14. **Language Learning** - word-sense disambiguation, sequence labeling. Hidden Markov models (HMM's). Viterbi algorithm for determining most-probable state sequences. Forward-backward EM algorithm for training the parameters of HMM's. Use of HMM's for speech recognition, part-of-speech tagging, and information extraction. Conditional random fields (CRF's). Probabilistic context-free grammars (PCFG). Parsing and learning with PCFGs. Lexicalized PCFGs.



Ravi
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapal
(Post Via Kompally), Sec'bad-500100



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
(UGC Autonomous Institution, Affiliated to JNTUH, Accredited 2nd time by NAAC with 'A' Grade &
NBA and Recipient of World Bank Assistance under TEQIP-II S.C. 1.1)

Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

Department: CSE

MACHINE LEARNING

Date:05/08/2019-09/08/2019

Sl.No	Roll No	Name of the students	Year/Semester
1	16J41A0501	A LAKSHMI PRATYUSHA	IV/I
2	16J41A0502	A.V. NAGA AISHWARYA	IV/I
3	16J41A0503	ALAPATI BHANU PRAKASH	IV/I
4	16J41A0504	B. HEMALATHA	IV/I
5	16J41A0505	BAKARAPU VENU YADAV	IV/I
6	16J41A0506	BEGARI SUMA SRI	IV/I
7	16J41A0507	BILLA SAI RAM REDDY	IV/I
8	16J41A0508	BONAM HARIKA MADHAVI	IV/I
9	16J41A0509	CH.VENKATA RAJASHEKAR REDDY	IV/I
10	16J41A0510	CHERUKURI RAKESH KUMAR	IV/I
11	16J41A0511	DASARI ROSHINI	IV/I
12	16J41A0512	DONTHU MADHURI	IV/I
13	16J41A0513	G ANANTH MOHAN	IV/I
14	16J41A0514	GADDE KEERTHANA	IV/I
15	16J41A0515	GATTOJI SANDEEP	IV/I
16	16J41A0516	G LIKITHA SAI	IV/I
17	16J41A0517	GOLLA JOSEPH LIVINGSTON	IV/I
18	16J41A0518	GONGULURI SAI KEERTHANA	IV/I
19	16J41A0519	GOPU KEERTHAN	IV/I
20	16J41A0520	GUDEPU HIMA CHAITANYA	IV/I
21	16J41A0521	GUDURU SRAVANTHI	IV/I
22	16J41A0522	JANJARLA ABILASH	IV/I
23	16J41A0523	JINNOLU SRIKANTH REDDY	IV/I
24	16J41A0524	JUVVISETTY NEHAL	IV/I
25	16J41A0525	KANAKA DEEPIKA	IV/I
26	16J41A0526	KANDIKATLA PRADEEP	IV/I
27	16J41A0527	KAVALI MADHAVI	IV/I
28	16J41A0528	KAVITI CHANDRA SHEKAR	IV/I
29	16J41A0529	KEERTHI SAITEJA	IV/I
30	16J41A0530	KOMMULA RAKESH	IV/I



Raund
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

31	16J41A0531	KOVURI GOPI RAJ	IV/I
32	16J41A0532	KUNAMALLA RAMAKRISHNA	IV/I
33	16J41A0533	MAHANKALI SAI KRISHNA	IV/I
34	16J41A0534	MAKADIYA VAIBHAV	IV/I
35	16J41A0535	MANDADI PALLAVI	IV/I
36	16J41A0536	MEKA RAJESWAR REDDY	IV/I
37	16J41A0537	MOHAMMED SAMRAN	IV/I
38	16J41A0538	MOLAKALAPALLI VENKATA TRINADH	IV/I
39	16J41A0539	MUMMADI SAI TEJA	IV/I
40	16J41A0540	N SRAVYA	IV/I
41	16J41A0541	N.SAI ADARSH	IV/I
42	16J41A0542	P SRI VAISHNAVI	IV/I
43	16J41A0543	P TEJASWINI	IV/I
44	16J41A0544	PATELU SANDEEP REDDY	IV/I
45	16J41A0545	PEDDIGARI BHAGYALAKSHMI	IV/I
46	16J41A0546	PRIYA YADAV	IV/I
47	16J41A0547	PUSULURI SOWMYA	IV/I
48	16J41A0548	RAHUL GOUD. M	IV/I
49	16J41A0549	S VINAY REDDY	IV/I
50	16J41A0550	SANGANI SATHWIKA	IV/I
51	16J41A0551	SARA KARTHEEK KUMAR	IV/I
52	16J41A0552	SUKHADIA NIHAR KUNJALKUMAR	IV/I
53	16J41A0553	TAGULLA MAHESH BABU	IV/I
54	16J41A0554	THAVIDABOINA NEERAJ KUMAR	IV/I
55	16J41A0555	THIPPAPURAM MANISH KRISHNA	IV/I
56	16J41A0556	THUMMALURU SAHITHI	IV/I
57	16J41A0557	V S SANJANA	IV/I
58	16J41A0558	VAMSI KRISHNA YELLANKI	IV/I
59	16J41A0559	VENNAPUREDDY MANISH REDDY	IV/I
60	16J41A0560	VOLLALA SREEVANI	IV/I
61	16J41A0561	ADEPU NITHEESH	IV/I
62	16J41A0562	ANUGU RUTHWIK REDDY	IV/I
63	16J41A0563	ARAVENI DEEPAK	IV/I
64	16J41A0564	BANOTH HARISH KUMAR	IV/I
65	16J41A0565	BHAROTHU BINDUMADHAVI	IV/I
66	16J41A0566	BOINAPALLY HARSHITHA	IV/I
67	16J41A0567	CHEEKURI VAMSHI	IV/I
68	16J41A0568	CHOWDAM TEJA KUMAR	IV/I
69	16J41A0569	DONTHOJI SHIVANI	IV/I



Ramesh
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

70	16J41A0570	DONTHULA AKHIL RAJ	IV/I
71	16J41A0571	G.SAI VARDHAN	IV/I
72	16J41A0572	GADEPALLY MANOHAR	IV/I
73	16J41A0573	GALAM ROHITH	IV/I
74	16J41A0574	GANJI NORISH GOVARDHAN SAI	IV/I
75	16J41A0575	GODUGU MANOJ KUMAR	IV/I
76	16J41A0576	GOVULA SURESH KOUSHIK	IV/I
77	16J41A0577	GRIDDALURI ABHIJITH	IV/I
78	16J41A0578	JADDU VEERA VENKATA RAKESH	IV/I
79	16J41A0579	JILLALA RENUKA	IV/I
80	16J41A0580	K MUKESH KUMAR	IV/I
81	16J41A0581	KAIRAMKONDA VIJAYA SREE	IV/I
82	16J41A0582	KANDUKURI VIVEK	IV/I
83	16J41A0583	KASARAPU VIVEK CHANDRA	IV/I
84	16J41A0584	KENCHAM SHILPA	IV/I
85	16J41A0585	KODURU MITHIL REDDY	IV/I
86	16J41A0586	KOGANTI SRAVANI	IV/I
87	16J41A0587	KOLLURI DHARMA TEJA	IV/I
88	16J41A0588	KORE SWAPNA	IV/I
89	16J41A0589	M. SHIRISHA	IV/I
90	16J41A0590	MACHARLA AHALYA	IV/I
91	16J41A0591	MADDINENI DEEPIKA	IV/I
92	16J41A0592	MALOTHU VENKAT SAI KUMAR	IV/I
93	16J41A0593	MAMTAM SRAVANTHI	IV/I
94	16J41A0594	MARRI SAI KRISHNA	IV/I
95	16J41A0595	MEDISHETTI BHAVANI	IV/I
96	16J41A0596	MEDISHETTY VINOD KUMAR	IV/I
97	16J41A0597	MOHAMMED ILYAS AHMED	IV/I
98	16J41A0598	MOHAMMED MUDASSIR AHMED	IV/I
99	16J41A0599	MULLANGI CHANDANA SRI	IV/I
100	16J41A05A0	MUTHARABOINA PRASHANTH	IV/I
101	16J41A05A1	N.K.AJAY KUMAR	IV/I
102	16J41A05A2	NALACHERUVU MOUNIKA	IV/I
103	16J41A05A3	NELLURI RAJASRINIVAS	IV/I
104	16J41A05A4	NIMMALA TRINATH GOUD	IV/I
105	16J41A05A5	P.RATNA YASHWANTH PHANINDRA	IV/I
106	16J41A05A6	PADAMATA CHAITANYA KRISHNA SAI RAM	IV/I
107	16J41A05A7	PILLALAMARRI SMRUTHI	IV/I
108	16J41A05A8	PINDI BHANU PRAKASH	IV/I



Kanish
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

109	16J41A05A9	POLURU RAMAKRISHNA	IV/I
110	16J41A05B0	PONAMALA VENKATA SURYA SAI PRATHAP RAJU	IV/I
111	16J41A05B1	PRODDUTURI ANISH KUMAR	IV/I
112	16J41A05B2	SAGARNIL MAJUMDAR	IV/I
113	16J41A05B3	SAI VINEESHA DEVATHI	IV/I
114	16J41A05B4	SARASWATULA LAKSHMI MEGHANA	IV/I
115	16J41A05B5	SHIVARLA MALIKA	IV/I
116	16J41A05B6	SUGGALA ADITYA	IV/I
117	16J41A05B7	SURA RASAGNA	IV/I
118	16J41A05B8	TANNERU MAHESH	IV/I
119	16J41A05B9	THANGALLAPALLY RAJA CHANDRA	IV/I
120	16J41A05C0	VAKA SOWMYA	IV/I
121	16J41A05C1	A. SAI KIRAN	IV/I
122	16J41A05C2	ADAPA ANIL NARAYAN	IV/I
123	16J41A05C3	AKKUDASU SAI	IV/I
124	16J41A05C4	AKUDHUTA SRIJA	IV/I
125	16J41A05C5	AKUNURI SRI PRIYA	IV/I
126	16J41A05C6	ALURI BENHAR	IV/I
127	16J41A05C7	AMARLAPUDI PRADEEP	IV/I
128	16J41A05C8	B.MITHILESH	IV/I
129	16J41A05C9	BALGAM SHIVA PRASAD REDDY	IV/I
130	16J41A05D0	BASA MANIRAJ	IV/I
131	16J41A05D1	BAZAR RAHUL	IV/I
132	16J41A05D2	BUTHURI JOSEPHSAMUEL	IV/I
133	16J41A05D3	CHINTHANIPPULA NAGKAMAL	IV/I
134	16J41A05D4	DANAVATH JYOTHI	IV/I
135	16J41A05D5	DEPURI VENKATA SOWJANYA	IV/I
136	16J41A05D6	DEVARAMPALLY ROHITH	IV/I
137	16J41A05D7	DUMPALAGATTU JASWANTH KUMAR	IV/I
138	16J41A05D8	E POOJA	IV/I
139	16J41A05D9	ELAGONDA YASHWANTH	IV/I
140	16J41A05E0	ETCHAPARUPU DURGA RAO	IV/I
141	16J41A05E1	G SAI SHREYA	IV/I
142	16J41A05E2	GADHIYA DARVISH	IV/I
143	16J41A05E3	GALI SRUJANA	IV/I
144	16J41A05E4	GORAK DEVENDER	IV/I
144	16J41A05E5	GORREPATI UDAYKUMAR	IV/I
145	16J41A05E6	GUGULOTH SAI KIRAN	IV/I



Ravi
Principal
Malia Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

146	16J41A05E7	GUNDALA BHARATH REDDY	IV/I
147	16J41A05E8	INDUKURI TEJA SHANMUKA PRASAD RAJU	IV/I
148	16J41A05E9	JAKKU SACHIN	IV/I
149	16J41A05F0	KARRA SAHITHI REDDY	IV/I
150	16J41A05F1	KETHIREDDY SAI KUMAR REDDY	IV/I
151	16J41A05F2	KONDUBHATLA SAI ANUHYA	IV/I
152	16J41A05F3	KOTTAI ARUN	IV/I
153	16J41A05F4	KUMAR AJITH KUMAR	IV/I
154	16J41A05F5	KUSUMBA SHIVAJI	IV/I
155	16J41A05F6	LAXMAPOOR RAKESH	IV/I
156	16J41A05F7	ABHINAY M N	IV/I
157	16J41A05F8	MADANU AROGYASWAMI	IV/I
158	16J41A05F9	MAKKAPATI CHAITANYA	IV/I
159	16J41A05G0	MAMILLAPALLI SRI LAXMI SAI KEERTHI	IV/I
160	16J41A05G1	MANGALARAPU RAGHUPATHI REDDY	IV/I
161	16J41A05G2	MAROJU SUSHMA	IV/I
162	16J41A05G3	MOHAMMED ABDUL THOUSIF	IV/I
163	16J41A05G4	MORA PAVALISHREE REDDY	IV/I
164	16J41A05G5	N MAMATHA	IV/I
165	16J41A05G6	PALUVAI SHANTHI PRIYA	IV/I
166	16J41A05G7	PINNINTI NITHISH REDDY	IV/I
167	16J41A05G8	PONNAPALLI MEGHANA AKSHITHA	IV/I
168	16J41A05G9	POTHARAVENA JAYANTH KUMAR	IV/I
169	16J41A05H0	PULARI RADHA	IV/I
170	16J41A05H1	RIZVANA	IV/I
171	16J41A05H2	RUDRA SHEKHAR JHA	IV/I
172	16J41A05H3	S.A.RUSHMITHAA SAI	IV/I
173	16J41A05H4	SHETTY BANADESHWARA VARA PRASAD	IV/I
174	16J41A05H5	SHIVAKOTI SAI NATH CHARY	IV/I
175	16J41A05H6	SYED ABDUL RAHEEM	IV/I
176	16J41A05H7	TUMMALA SAI PRAVALLIKA	IV/I
177	16J41A05H8	VALLAPUREDDY SAI ANIRUDH REDDY	IV/I
178	16J41A05H9	VANACHARLA SATYA KUMAR	IV/I
179	16J41A05J0	VANKUDOTHU NANDINI	IV/I
180	16J41A05J1	ALAMCHETTY VAMSHI	IV/I
181	16J41A05J2	ALUGANI PRAVALIKA	IV/I
812	16J41A05J3	ATLA SRI SIVA TEJA PAVAN CHOWDARY	IV/I
183	16J41A05J4	BASIKA SUMANTH REDDY	IV/I
184	16J41A05J5	BEGARI KARTHIKEYA	IV/I



Raveed
Principal
Malla Reddy Engineering College
Matsammaguda, Dhulapally,
Dist: Vis (Kompally), Sec'bad-500100

185	16J41A05J6	BHEEMI REDDY JASWANTH REDDY	IV/I
186	16J41A05J7	BIKKAJI LIKITHA	IV/I
187	16J41A05J8	CHIKOTI YOGESH	IV/I
189	16J41A05J9	CHENNURU GOWTHAM KRISHNA	IV/I
190	16J41A05K0	D.SUMANTH	IV/I
191	16J41A05K1	DACHANI JAYANTH REDDY	IV/I
192	16J41A05K2	DARA ABHILASH	IV/I
193	16J41A05K3	E.SHIVA REDDY	IV/I
194	16J41A05K4	EEGA ABHISHEK	IV/I
195	16J41A05K5	GANDIKOTA SAI RAVALI	IV/I
196	16J41A05K6	GONELA VASANTHA	IV/I
197	16J41A05K7	GUDIMETLA MEGHANA	IV/I
198	16J41A05K8	GUNDOGI SAIKIRAN	IV/I
199	16J41A05K9	INDROJI SAI MADHURI	IV/I
200	16J41A05L0	JUPALLY KAVYA	IV/I
201	16J41A05L1	K CHANDRA BABU NAIDU	IV/I
202	16J41A05L2	KARLAPUDI VIDYA RANI	IV/I
203	16J41A05L3	KATAKAM MEGHANA	IV/I
204	16J41A05L4	KAVERI ADWTH	IV/I
205	16J41A05L5	KOOSURI SAI AKHILESH	IV/I
206	16J41A05L6	KOOSURI ALEKHYA	IV/I
207	16J41A05L7	KOTTURU AISHWARYA SAI	IV/I
208	16J41A05L8	KURAPATI VASAVI PRASANNA	IV/I
209	16J41A05L9	M PAVANI	IV/I
210	16J41A05M0	MADDALA SAI KIRAN KUMAR	IV/I
211	16J41A05M1	MAMIDI SAI NANDAN	IV/I
212	16J41A05M2	MANTHENA VENKATA RAMA KRISHNA RAJU	IV/I
213	16J41A05M3	MAROJU SRI RAM	IV/I
214	16J41A05M4	MASETTY DINESH	IV/I
215	16J41A05M5	MYADA AKHILA	IV/I
216	16J41A05M6	NAREDDY RAKESH REDDY	IV/I
217	16J41A05M7	PEDHAPELLI SURESH	IV/I
218	16J41A05M8	POLAKI SWARNAMAYEE	IV/I
219	16J41A05M9	POLAKONDA CHANDANA	IV/I
220	16J41A05N0	PONNAM RANJITH	IV/I
221	16J41A05N1	PRATAPANENI SRIVARSHINI	IV/I
222	16J41A05N2	PUJA KUMARI	IV/I
223	16J41A05N3	PUTCHA SRINIVAS VIKRANTH	IV/I
224	16J41A05N4	R.ABHINAV	IV/I



Ramud
Principal
Malla Reddy Engineering College
Maisamaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

225	16J41A05N5	RATHOD VIKRAM NAIK	IV/I
226	16J41A05N6	RAVANABOINA ALEKHYA	IV/I
227	16J41A05N7	RAYALA NAVYA SRI	IV/I
228	16J41A05N8	RENUKUNTLA ANJALI	IV/I
229	16J41A05N9	SAPPIDI SUVARSHITHA	IV/I
230	16J41A05P0	SHAIK MOHAMMED JOHNY	IV/I
231	16J41A05P1	SHAIK NAFISA	IV/I
232	16J41A05P2	SINDEKAR AKHILA	IV/I
233	16J41A05P3	SURAGALI PRIYADHARSHINI	IV/I
234	17J45A0501	AVULA SURYA PRASAD	IV/I
235	17J45A0502	KALLEM DHEERAJ KUMAR	IV/I
236	17J45A0503	KONDAPALLI SAI LAKSHMI NARASIMHA RAO	IV/I
237	17J45A0504	MD RIYAZ	IV/I
238	17J45A0505	SIDDAM RAKESH	IV/I
239	17J45A0506	C SRINIVAS GOUD	IV/I
240	17J45A0507	KONDI SHIVAKRISHNA	IV/I
241	17J45A0508	KANREDDY NAVEEN REDDY	IV/I
242	16J46D5801	ARUL V MANJARI	IV/I
243	16J46D5802	CHALLA SWETHA	IV/I
244	16J46D5803	DANDU KIRAN KUMAR	IV/I
245	16J46D5804	ELITAM TEJASWI	IV/I
246	16J46D5805	GOVINDREDDY JAGAN MOHAN REDDY	IV/I
247	16J46D5806	GUJJULA SAIRAM	IV/I
248	16J46D5807	MD IRFAN ALAM	IV/I



R. V. V. V.
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100.



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
(UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to
JNTUH, Hyderabad). Accredited 2nd time by NAAC with 'A' Grade,
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,
Telangana State – 500100, www.mrec.ac.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VAC- MACHINE LEARNING (ML)- Summary

25.07.2019

Course duration: 5th August 2019 to 9th August, 2019

Overview of the Course

This ML course is ideal for working professionals with programming knowledge. It covers key concepts like Statistics, Machine Learning, Deep Learning, NLP, and Reinforcement Learning. This program is delivered through our interactive learning model with live sessions by global practitioners, labs, and industry projects.

The main objective of this programme is to introduce students to the basic concepts and techniques of **Machine Learning**. To develop skills of using recent **machine learning** software for solving practical problems. To gain experience of doing independent study and research.

The speaker also covered the following topics:

- Introduction to Programming
- Data Structures and Algorithms
- Machine Learning & Deep Learning

The primary purpose of **machine learning** is to discover patterns in the user data and then make predictions based on these and intricate patterns for answering business questions and solving business problems. **Machine learning** helps in analysing the data as well as identifying trends

After successful completion of the course the certificates are issued to the participants



R. Suresh
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad Accredited 2nd time by NAAC with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP-II S.C. 1.1)

Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad, Telangana State

500100

www.mrec.ac.in

VAC MECHINE LEARNING



Ramesh
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad - 500 100.

(UGC Autonomous Institution, Affiliated to JNTUH, Accredited 2nd time by NAAC with 'A' Grade)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

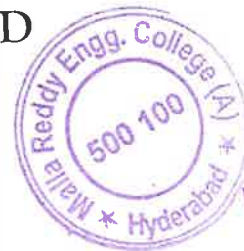
CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. A Lakshmi Pratyusha bearing Roll No. 16J41A0501 has successfully completed Certificate / Value Added Course / Workshop in MACHINE LAERNING conducted by the Department of Computer Science and Engineering from 05th August 2019 to 09th August 2019.

COORDINATOR

HOD

PRINCIPAL



Ravi
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad - 500 100.

(UGC Autonomous Institution, Affiliated to JNTUH, Accredited 2nd time by NAAC with 'A' Grade)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. A.V.Naga Aishwarya bearing Roll No. 16J410502 has successfully completed Certificate / Value Added Course / Workshop in MACHINE LAERNING conducted by the Department of Computer Science and Engineering from 05th August 2019 to 09th August 2019.

A.V.Naga Aishwarya

COORDINATOR

R

HOD



Ramesh
Principal

ju
PRINCIPAL

Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad - 500 100.

(UGC Autonomous Institution, Affiliated to JNTUH, Accredited 2nd time by NAAC with 'A' Grade)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. Alapati Bhanu Prakash bearing Roll No. 16J41A0503 has successfully completed Certificate / Value Added Course / Workshop in MACHINE LAERNING conducted by the Department of Computer Science and Engineering from 05th August 2019 to 09th August 2019.

AV M...
COORDINATOR

R

HOD



g...

PRINCIPAL

Raund
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad - 500 100.

(UGC Autonomous Institution, Affiliated to JNTUH, Accredited 2nd time by NAAC with 'A' Grade)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION


This is to certify that Mr./Ms. B.Hemalatha bearing Roll No. 16J41A0504 has successfully completed Certificate / Value Added Course / Workshop in MACHINE LAERNING conducted by the Department of Computer Science and Engineering from 05th August 2019 to 09th August 2019.


COORDINATOR


HOD


PRINCIPAL




Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad - 500 100.

(UGC Autonomous Institution, Affiliated to JNTUH, Accredited 2nd time by NAAC with 'A' Grade)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION


This is to certify that Mr./Ms. Bakarapu Venu Yadav bearing Roll No. 16J41A0505 has successfully completed Certificate / Value Added Course / Workshop in MACHINE LAERNING conducted by the Department of Computer Science and Engineering from 05th August 2019 to 09th August 2019.

COORDINATOR

HOD

PRINCIPAL




Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100