

**Inaugural schedule:**

**02-09-2020**

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**02/09/2020**

**03:00 PM:** Inviting Dignitaries to the dais

**03:05 PM:** Lighting of Lamp

**03:05 PM:** Opening Note by Dr. Deena Babu Mandru, HOD, IT.

**03:10 PM:** Welcome Address by Dr. A. Rama swami Reddy, Director, MREC(A)

**03:15 PM:** Vote of thanks by Mr. G. Sathish, Event Co-ordinator

**03:20 PM:** Handing over the session to resource personal, Training Begins.

## **INVITATION**

### **Training program On Data Mining**

It gives me immense pleasure to inform that the Department of Information Technology of Malla Reddy Engineering College (Autonomous) is organizing a 32 Hours online Training program on "Data Mining" during: **02-09-2020 to 04-11-2020.**

#### **Coordinators:**

**Mr. A. Venktrami Reddy**  
Assistant Professor,  
Department of IT.


**Mr. G. Sathish**  
Assistant Professor,  
Department of IT.

#### **Organized By:**

### **Department of Information Technology Malla Reddy Engineering College**

(UGC Autonomous Institution, Affiliated to JNTUH and Accredited by NAAC with grade 'A')  
Maisammaguda (H), Secunderabad, Telangana State – 500100.

[www.mrec.ac.in](http://www.mrec.ac.in)

  
**PRINCIPAL**  
**Malla Reddy Engineering College**  
**(Autonomous)**  
**Maisammaguda, Dhulapally,**  
**(Post Via Kompally), Sec'bad-500 100**

## about the Institution

**Malla Reddy Engineering College (Autonomous)** is one of the reputed engineering colleges in Hyderabad, Telangana. **MREC (A)** is of Malla Reddy Group of Institutions (GI), founded by Sri. Ch. Malla Reddy. The college is situated in a serene, lush green environment in Maisammaguda, Secunderabad - 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 AAC with 'A' Grade (II Cycle) and was conferred autonomous status by JNTUH in 2011 by UGC in 2014 for a period of 6 years. Our UG and PG programs received NBA accreditation and some of them received accreditation too. The college caters to wide ranging aspirations and goals of student communities by offering new courses in UG- IT with programs in various streams of Engineering & Technology and Management. It has world-class infrastructure and well-equipped laboratories in all departments and is fully and smartly guided by : **Ramaswami Reddy, Director, MREC** have a rich teaching and industrial experience.



### 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.A.Ramaswami Reddy,  
Director, MREC (A)

**Co-Patrons:** Dr.A.Raveendra,  
Principal, MREC (A)

**Convener:** Dr. Deena Babu Mandru,  
HOD IT

**Coordinator** Mr.A.Venkatrami Reddy  
Assistant Professor, IT

### Organizing Committee:

**Mr.G.Sathish**, Assistant Professor, IT

**Ms.T.Swapna**, Assistant Professor, IT

**Ms.P.Swapna**, Assistant Professor, IT

**Mr.E.Srinath**, Assistant Professor, IT

**Mr.M.Seshanna**, Assistant Professor, IT

## A 32-Hours (Value added Course)

On

“Data Mining”

02-09-2020 to 04-11-2020

In Association with

**IBM Pvt.Ltd.**

Organized by

Department of Information Technology

**MALLA REDDY ENGINEERING COLLEGE**

MAIN CAMPUS

UGC Autonomous Institution, Approved by  
AICTE & Affiliated to JNTUH-Hyderabad  
Accredited by NAAC with 'A' Grade  
Maisammaguda, Telangana - 500100, India.

*Keerthi*  
**PRINCIPAL**

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**Maisammaguda, Dhulapally,**  
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### About the Department

The Department of Information Technology was established in 2007 with intake of 60 Students and with specific Vision, Mission and Goals. From the day college was affiliated to Jawaharlal Nehru Technological University, Hyderabad (JNTUH) and recognized by AICTE, New Delhi the Department works under the Rules and Regulations JNTUH and AICTE. The course curriculum proposed by the JNTUH will be implemented strictly. However, if required the Department proposes modifications or inclusions of new courses in the curriculum to the JNTUH for consideration

### Overview of the Programme

Data-oriented techniques for extracting patterns from data. Association rules discovery and usage, ratio rules mining. Dimensionality reduction techniques, data clustering and classification. Link analysis, mining social network graphs. Similarity computations, nearest neighbors, collaborative filtering and recommendation algorithms. Mining data streams.

### Objectives of the Programme

The aim of data mining is to discover structure inside unstructured data, extract meaning from noisy data, discover patterns in apparently random data, and use all this information to better understand trends, patterns, correlations, and ultimately predict customer behavior

### Topics to be covered

- Introduction to Data Mining
- What is data mining?
- Related technologies - Machine Learning, DBMS, OLAP, Statistics
- Data Mining Goals

### Registration Form

Name of the Participant :-----

Address :-----

Phone & Year :-----

Name of Institution:-----

Address :-----

Phone for Communication:-----

Address :-----

Address :-----

Phone Number:-----

Signature:-----

Address :-----

Address :-----

Address :-----

Address :-----

Address :-----

Address :-----

Address :-----

Signature of Applicant

- Stages of the Data Mining Process
- Data Mining Techniques
- Knowledge Representation Methods
- Applications

- Data mining algorithms: Classification Basic learning/mining tasks
- Inferring rudimentary rules: 1R algorithm
- Decision trees
- Covering rules
- Experiments with Weka - decision trees, rules Clustering
- Basic issues in clustering
- First conceptual clustering system: Cluster/2
- Partitioning methods: k-means, expectation maximization (EM)
- Hierarchical methods: distance-based agglomerative and divisible clustering

### Certificate

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

### Outcome of the Program

By completing the course the students will be able: To fully understand standard data mining methods and techniques such as

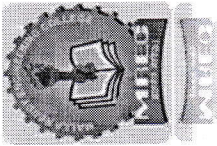
- Association rules, data clustering and classification. Learn new, advanced techniques for emerging applications (e.g. social network
- Analysis, stream data mining). Gain practical intuition about how to apply these techniques on datasets of realistic
- Sizes using modern data analysis frameworks (Autonomous)



Anna Reddy Engineering College (Autonomous)

Maisammaguda, Dhulapally, (Dist. Via Kompally), Sec'bad-500 100

The information furnished above is true to my knowledge.



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## Certificate Of Completion

This is to certify that Mr. /Ms. A.ROHITH bearing

Roll No 17J41A1201 has successfully completed Certificate / Value Added Course / Workshop on “DATA MINING” conducted by the Department of Information Technology, from 02-09-2020 to 04-11-2020

With the collaboration of “Schema Technologies”.

  
COORDINATOR

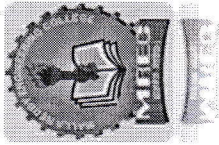
  
HOD

Head  
Dept. of Information Technology  
Malla Reddy Engg. College (A)  
Maisammaguda-500 100.

  
PRINCIPAL

Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally,  
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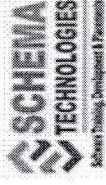


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## Certificate Of Completion

This is to certify that Mr. /Ms. A.NAGA PRIYA

bearing Roll No 17J41A1202 has successfully completed Certificate / Value  
Added Course / Workshop on "DATA MINING" conducted by the  
Department of Information Technology, from 02-09-2020 to 04-11-2020

With the collaboration of "Schema Technologies".

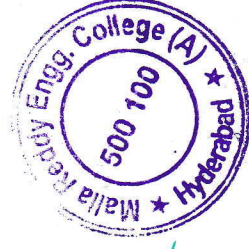
  
COORDINATOR

  
HOD

Head  
Dept. of Information Technology  
Malla Reddy Engg. College (A)  
Maisammaguda-500 100.

  
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## Certificate Of Completion

This is to certify that Mr. /Ms. B.SRUTHI bearing Roll

No 17J41A1204 has successfully completed Certificate / Value Added Course /

Workshop on 'DATA MINING " conducted by the Department of

Information Technology, from 02-09-2020 to 04-11-2020

With the collaboration of "Schema Technologies".

  
COORDINATOR

HOD

Head

Dept. of Information Technology  
Malla Reddy Engg. College (A)  
Maisammaguda-500 100.

  
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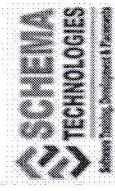
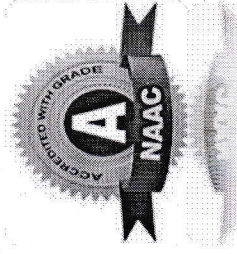


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## Certificate of Completion

This is to certify that Mr. /Ms. V.ABHISHEK bearing

Roll No 17J41A1205 has successfully completed Certificate / Value Added

Course / Workshop on “DATA MINING” conducted by the Department of

Information Technology, from 02-09-2020 to 04-11-2020

With the collaboration of “Schema Technologies”.

  
COORDINATOR

  
HOD

Head  
Dept. of Information Technology  
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Maisammaguda-500 100.

  
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