



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

Department of Information Technology

CIRCULAR

Date: 09.11.2015

All the students are hereby informed that Value Added Course on “**Database & SQL**” on date 09.11.2015 to 16-12-2015, is being organized by the Information Technology department. The resource person for the course is “IBM PVT”.

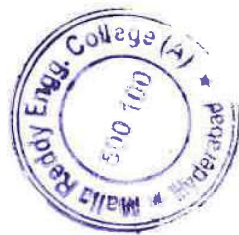
Students are advised to register their names to the programme coordinator “Mr.M.Thukkaram Reddy”, on or before 09-11-2015 and utilize this opportunity to enhance their skills by attending the programme.

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

V. Sathish Kumar
Head of the Department

Copy to:

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



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

About the Institution

Malla Reddy Engineering College is an UGC autonomous Institution and is one of the reputed engineering college in Telangana. **MREC** is part of Malla Reddy Group of Institutions (MRGI), founded by Sri. Ch. Malla Reddy. The college is situated in a serene, lush green environment in Maisammaguda, Telangana.

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 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** who have a rich teaching and industrial experience.



Advisory Committee:

Chief Patrons: **Sri. Ch. Malla Reddy**,
Founder Chairman, MRGI
Patrons: **Sri.Ch. Mahender Reddy**
Secretary, MRGI
Dr.Ch.Bhadra Reddy
President, MRGI
Co-Patrons: **Dr.S.Sudhakara Reddy**
Principal, MREC(A)
Convener: **Mr. V. Sathish.** HoD IT
Coordinator: **Mr. M. Tukaram Reddy**
Assistant Professor, IT

Organizing Committee:

Mr.Kundruru Saidi Reddy, Assistant Professor, IT
Ms.A.Venkat Rami Reddy, Assistant Professor, IT
Mr.B.Raja Rao, Assistant Professor, IT
Ms.B.Durga Bhavani, Assistant Professor, IT
Ms.G.V.V Sita Mahalaksimi, Assistant Professor, IT

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.



A Training Program (Value added Course)
On
“DATABASE & SQL”
(09.11.2015 to 16.12.2015)



Organized by

Department of Information Technology

MALLA REDDY ENGINEERING COLLEGE

**An UGC Autonomous Institution, Approved by
AICTE & Affiliated to JNTUH-Hyderabad
Maisammaguda (H), Telangana - 500100, India.**

Ramul
PRINCIPAL

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(Autonomous)
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500 100**



Malla Reddy Engineering College

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Maisammaguda (H), Secunderabad, Telangana State – 500100.

www.mrec.ac.in

DEPARTMENT OF INFORMATION TECHNOLOGY

Value Added Course

On

“DATABASE & SQL”

09.11.2015-16.12.2015

Course Contents

Date	Topic
09.11.2015 To 16.12.2015	Database Concept - Overview of DBMS
	Components, Architecture
	ER Model. RDBMS Concept - Relational Data Model
	Keys, Relational Algebra, Operators, Joins
	Convert ER model to relational model.
	Normalization - 1NF, 2NF, 3NF, BCNF, 4NF, 5NF.
	DDL, DML, DCL & TCL, Databases & Tables, Insert & Select
	Hierarchical Database Model
	Nosql, Relational Database
	Object In a Database
	Distributed Database (DDB)
	Operational Database or OLTP (On-Line Transaction Processing)
	Key elements of a database & Relational Keys.
	Select Queries, Joins & Data Modelling.
	Fact and Dimension Table Types, Star Schema & Snow Flake Schema.
	SQL Command
	SQL Function, Advanced SQL
	Database & SQL practical session programming
	SQL – Data Manipulation Language Commands and Operations
	Sorting and Filtering Data
	Advanced Filtering, Summarizing Data
	Grouping Data, Using Sub queries
	Joining Tables, Managing Tables
	Using Views, Stored Procedures
	Using Cursors, Using Transactions
	Demonstrate retrieving data
	Demonstrate inserting data.
	Demonstrate sorting and filtering data
	Demonstrate grouping data
	Demonstrate joining tables.
	Demonstrate using stored procedures, cursors, and transactions, and
	Demonstrate updating data
	Demonstrate deleting data
	Demonstrate summarizing data.
Demonstrate using sub-queries.	
Demonstrate using views	
Importing and Exporting Data from and to Excel	



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Malla Reddy Engineering College

Department of Information Technology

Database & SQL Participants (01.02.2016 to 12.03.2016)

S.No	Roll No	Name
1	13J41A1201	ADEPU SRI RAM CHARAN DAS
2	13J41A1202	ALETI AKHILESH
3	13J41A1203	ANKIT SETHI
4	13J41A1204	B PRIYANKA
5	13J41A1205	B K SACHIN KUMAR
6	13J41A1206	BANDI MOUNIKA DEVI
7	13J41A1207	BATCHU POOJITHA
8	13J41A1208	BURHANUDDIN Y BARFI
9	13J41A1209	CHIKOTI RAJASRI
10	13J41A1210	CHILAGANI SINDHUJA
11	13J41A1211	CHINTHA PAVANI
12	13J41A1212	CHOWDERPALLY SAI TEJA
13	13J41A1213	GADDAM AKARSH REDDY
14	13J41A1214	GANDHAM SAINIKHIL YADAV
15	13J41A1215	GUDE SAI VIKAS
16	13J41A1216	G CHARAN TEJA REDDY
17	13J41A1217	KAILA DURGA PRASAD
18	13J41A1218	KANASANI PRIYANKA
19	13J41A1239	REDROUTHU SAI TARUN
20	13J41A1240	REPALA NITHISHA
21	13J41A1241	S RISHIKA REDDY
22	13J41A1242	S NIKHIL KUMAR REDDY
23	13J41A1243	SHIVA SREENIDHI GOUD
24	13J41A1244	SHRAVAN MALVAY
25	13J41A1245	SINGAM ABHINAY RAO
26	13J41A1246	SUNIL SUMIT RAO
27	13J41A1247	TAMALLA NIHARIKA
28	13J41A1248	THALUKA MOHAN RAJ
29	13J41A1249	THATI SARANYA
30	13J41A1250	U B TRIPURA SUNDARI
31	13J41A1251	V SAI KUMAR GOUD
32	13J41A1252	VELAMARTHI RATHNA
33	13J41A1253	VISHAL CHERUKU
34	13J41A1254	VISWANATHAM JYOTSNA

V. Sathish Kumar

HoD-IT

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. CHOWDERPALLY SAI TEJA bearing Roll.No 13J41A1212 has successfully completed Certificate / Value Added Course / Workshop on "DATABASE AND SQL" conducted by the Department of Information Technology, from 09.11.2015 to 16.12.2015, with the collaboration with "IBM Private Limited".

Triveny
COORDINATOR

V. Chaitanya
HOD

Jay
PRINCIPAL



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Certificate Of Completion



This is to certify that Mr. /Ms. BANDI MOUNIKA DEVI bearing Roll.No 13J41A1206 has successfully completed Certificate / Value Added Course / Workshop on "DATABASE AND SQL" conducted by the Department of Information Technology, from 09.11.2015 to 16.12.2015, with the collaboration with "IBM Private Limited".

Thiruman
COORDINATOR

V. S. Lakshmi
HOD

Prasanna
PRINCIPAL

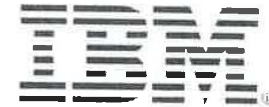


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Certificate Of Completion



This is to certify that Mr. /Ms. BATCHU POOJITHA bearing Roll.No 13J41A1207 has successfully completed Certificate / Value Added Course / Workshop on "DATABASE AND SQL" conducted by the Department of Information Technology, from 09.11.2015 to 16.12.2015, with the collaboration with "IBM Private Limited".

Thiruvengadam
COORDINATOR

V. Subrahmanyam
HOD

[Signature]
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Certificate Of Completion



This is to certify that Mr. /Ms. BURHANUDDIN Y BARFI bearing Roll.No 13J41A1208 has successfully completed Certificate / Value Added Course / Workshop on "DATABASE AND SQL" conducted by the Department of Information Technology, from 09.11.2015 to 16.12.2015, with the collaboration with "IBM Private Limited".

V. Sathish Kumar
HOD

[Signature]
PRINCIPAL

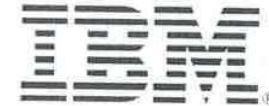


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Certificate Of Completion



This is to certify that Mr. /Ms. CHIKOTI RAJASRI bearing Roll.No 13J41A1209 has successfully completed Certificate / Value Added Course / Workshop on "DATABASE AND SQL" conducted by the Department of Information Technology, from 09.11.2015 to 16.12.2015, with the collaboration with "IBM Private Limited".

Thirukany
COORDINATOR

V. Subrahmanyam
HOD

[Signature]
PRINCIPAL

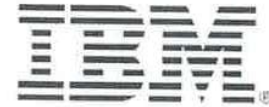


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This is to certify that Mr. /Ms. CHILAGANI SINDHUJA bearing Roll.No 13J41A1210 has successfully completed Certificate / Value Added Course / Workshop on "DATABASE AND SQL" conducted by the Department of Information Technology, from 09.11.2015 to 16.12.2015, with the collaboration with "IBM Private Limited".

Murthy
COORDINATOR

V. Subrahmanyam
HOD

Prasad
PRINCIPAL



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Certificate Of Completion



This is to certify that Mr. /Ms. *CHINTHA PAVANI* bearing Roll.No 13J41A1211 has successfully completed Certificate / Value Added Course / Workshop on "DATABASE AND SQL" conducted by the Department of Information Technology, from 09.11.2015 to 16.12.2015, with the collaboration with "IBM Private Limited".

Thiruparam
COORDINATOR

V. Subrahmanyam
HOD

[Signature]
PRINCIPAL