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 Computer Science and Engineering

CIRCULAR

Date: 03/10/2020

All the students are hereby informed that Value Added Course on **"PHP with Database Connectivity"** is being organized by the **Computer Science and Engineering** department on dated **10th October 2020 to15th November 2020**. The resource person for the course is **Mr.SubajithJayadev, CISCO Academy** "

Students are advised to register their names to the programme coordinator **"Mr. PVRamana Murthy, Associated professor CSE Dept"**, on or before 05/10/2020 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

Head of the Department
Dept of Computer Science and Engineering
Malla Reddy Engineering College (Autonomous)
Secunderabad, Telangana State - 500 100.

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

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 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,lushgreenenvironmentin 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.

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. Raveendra
Principal, MREC (A)

Convener: **Dr.Lakshmipathi Anantha**
HOD CSE

Coordinator: Mr. P.V.RamanaMurthy
Associate Professor, CSE

Resource Person: Mr.Subajith Jayadev cisco academi

Organizing Committee:

Dr. G.Charles Babu ,Professor, CSE
Dr. S. Dhanalakshmi, Professor, CSE
Mr. Sanjeeva Polepaka, Associate Professor, CSE
Mr. K Arun Kumar, Assistant Professor, CSE
Ms. S. Sandhya Rani, Assistant Professor, CSE
Mr.Md. Inayathulla, Assistant Professor, CSE
Mr.A.Lakshman, Assistant Professor, CSE
Mr.M.Srikanth, Assistant Professor, CSE
Mrs.G. Vamshi Krishna, Assistant Professor, CSE

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A One-Month Skill development Course
(Value added Course)
On
"PHP WITH DATA BASE CONNECTIVITY"
(10th October 2020 to 15th November , 2020)
(02.30 PM to 04.15 PM)

Organizedby
Department of
Computer Science and Engineering
MALLA REDDY ENGINEERING COLLEGE
(AUTONOMOUS) MAIN CAMPUS
An UGC Autonomous Institution, Approved by
AICTE & Affiliated to JNTUH-Hyderabad
Reaccreditedby NAACwith'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

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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

PHP is the most popular scripting language for web development. It is free, open source and server-side (the code is executed on the server).

MySQL is a Relational Database Management System (RDBMS) that uses Structured Query Language (SQL). It is also free and open source. The combination of PHP and MySQL gives unmet options to create just about any kind of website – from a small contact form to large corporate portal.

Objectives of the Programme

The objective of this course is to provide the necessary knowledge to design and develop dynamic, database-driven web applications using PHP version 5. Students will learn how to connect to any ODBC-compliant database, and perform hands on practice with a MySQL database to create database-driven HTML forms and reports etc. Students also learn how to configure PHP and Apache Web Server. Comprehensive lab exercises provide facilitated hands on practice crucial to develop competence web sites..

Topics to be covered

- Introduction of PHP
- Decisions and loop.
- Function.
- Handling Html Form with Php
- Database Connectivity with MySql

Certificate

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

Outcome of the program,

After the completion of course, students will get hands on experience on various techniques of web development and will be able to design and develop a complete website.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PHP with Database Connectivity Syllabus
Summary

10.11.2020

Course duration: **10ᵗʰ October 2020 to 15ᵗʰ November , 2020**

Overview of the Course

PHP is the most popular scripting language for web development. It is free, open source and server-side (the code is executed on the server). MySQL is a Relational Database Management System (RDBMS) that uses Structured Query Language (SQL). It is also free and open source. The combination of PHP and MySQL gives unmet options to create just about any kind of website – from a small contact form to large corporate portal.

.The objective of this course is to provide the necessary knowledge to design and develop dynamic, database-driven web applications using PHP version 5. Students will learn how to connect to any ODBC-compliant database, and perform hands on practice with a MySQL database to create database-driven HTML forms and reports etc. Students also learn how to configure PHP and Apache Web Server. Comprehensive lab exercises provide facilitated hands on practice crucial to develop competence web sites..

The speaker also covered the following topics:

- Introduction of PHP
- Decisions and loop.
- Function.
- Handling Html Form with Php
- Database Connectivity with MySql

The primary purpose of **PHP with Data Base Connectivity** is to connect to programme code to data base the user data and then make predictions based on these and intricate patterns for answering database questions and solving data base connection. PHP with Data Base Connectivity helps in analysing the data as well as identifying trends

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

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PHP with Database Connectivity Syllabus

Course code: VACCS02   **Duration of the course: (hrs):36**

Objective of the course:

- The objective of this course is to provide the necessary knowledge to design and develop dynamic,

- database-driven web applications using PHP version 5. Students will learn

- how to connect to any ODBC-compliant database, and perform hands on practice with a MySQL database to create database-driven

- HTML forms and reports etc. Students also learn how to configure PHP and Apache Web Server.

- Comprehensive lab exercises provide facilitated hands on practice crucial to develop competence web sites..

Syllabus

Unit-1   Total hrs: 6

Introduction to PHP Evaluation of Php, Basic Syntax, Defining variable and constant, Php Data type, Operator and Expression.

Decisions and loop Making Decisions, Doing Repetitive task with looping, Mixing Decisions and looping with Html..

Unit-2   Total hrs: 6

Function What is a function, Define a function, Call by value and Call by reference, Recursive function, String Creating and accessing, String Searching & Replacing String, Formatting String, String Related Library function

Array Anatomy of an Array, Creating index based and Associative array Accessing array, Element Looping with Index based array, Looping with associative array using each () and foreach(), Some useful Library function

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Unit-3   Total hrs: 5

Handling Html Form with Php Capturing Form, Data Dealing with Multi-value filed, and Generating File uploaded form, redirecting a form after submission.

Working with file and Directories Understanding file& directory, Opening and closing, a file, Coping, renaming and deleting a file, working with directories, Creating and deleting folder, File Uploading & Downloading

Unit-4   Total hrs: 6

Session and Cookie Introduction to Session Control, Session Functionality What is a Cookie, Setting Cookies with PHP. Using Cookies with Sessions, Deleting Cookies, Registering Session variables, Destroying the variables and Session.

Unit-5   Total hrs: 7

Database Connectivity with MySql Introduction to RDBMS, Connection with MySql Database, Performing basic database operation(DML) (Insert, Delete, Update, Select), Setting query parameter, Executing queryJoin (Cross joins, Inner joins, Outer Joins, Self joins.)

Exception Handling Understanding Exception and error, Try, catch, throw. Error tracking and debugging.

Outcome of the course:

After the completion of course, students will get hands on experience on various techniques of web development and will be able to design and develop a complete website

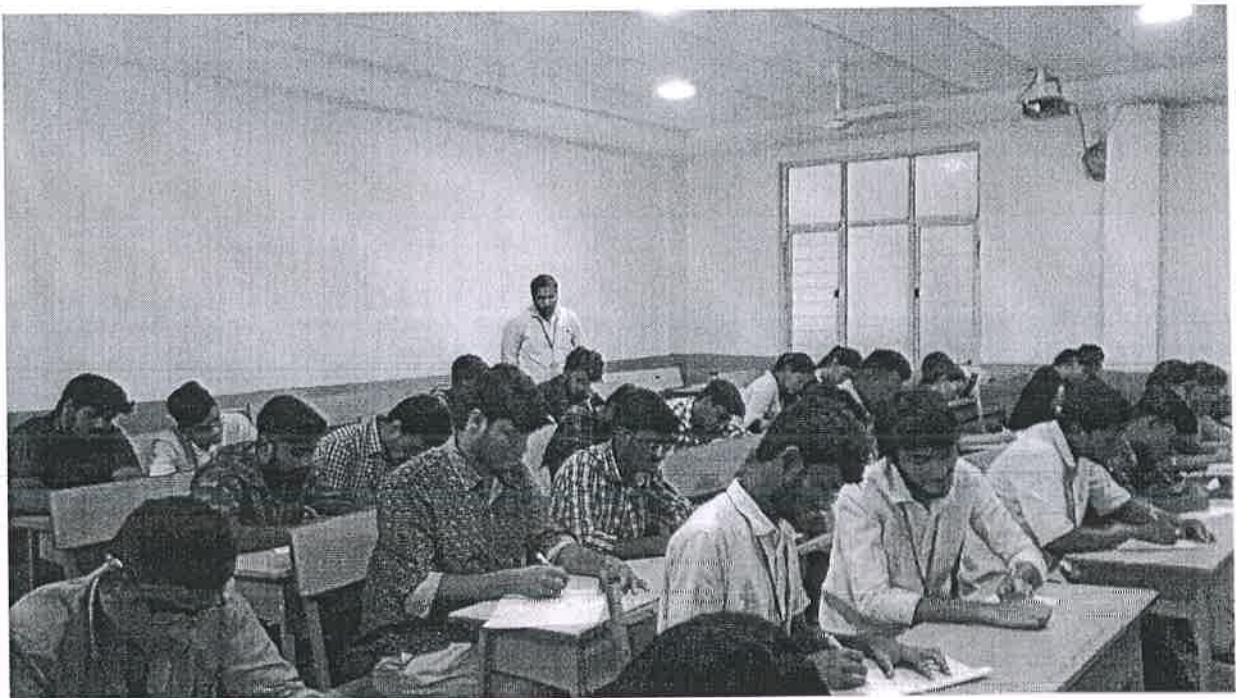|	**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**
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VAC PHP WITH DATA BASE CONNECTVITY

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CERTIFICATE OF COMPLETION

This is to certify that MR/MS.ADLA RAJA REDDY bearing Roll No. 18J41A0501 has successfully completed Certificate / Value Added Course / Workshop in PHP WITH DATABASE CONNECTIVITY conducted by the Department of Computer Science and Engineering from 10th October 2020 to 15th November 2020

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CERTIFICATE OF COMPLETION

This is to certify that **MR/MS ARE CHAKRI** bearing **Roll No. 18J41A0502** has successfully completed Certificate / Value Added Course / Workshop in **PHP WITH DATABASE CONNECTIVITY** conducted by the Department of Computer Science and Engineering from 10th October 2020 to 15th November 2020

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CERTIFICATE OF COMPLETION

This is to certify that **Mr./Ms. ARUPULA KISHORE** bearing **Roll No. 18J41A0503**

has successfully completed Certificate / Value Added Course / Workshop in **PHP WITH**

DATABASE CONNECTIVITY conducted by the Department of Computer Science

and Engineering from **10th October 2020 to 15th November 2020**

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CERTIFICATE OF COMPLETION

This is to certify that **Mr./Ms. BALUSANI SRICHARAN** bearing **Roll No.** 18J41A0504 has successfully completed Certificate / Value Added Course / Workshop in **PHP WITH DATABASE CONNECTIVITY** conducted by the Department of Computer Science and Engineering from 14/05/2021- 20/06/2021.

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This is to certify that **Mr./Ms.** BHUKYA BALARAJU bearing **Roll No.** 18J41A0506 has successfully completed Certificate / Value Added Course / Workshop in PHP WITH DATABASE CONNECTIVITY conducted by the Department of Computer Science and Engineering from 10th October 2020 to 15th November 2020

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This is to certify that **Mr./Ms.** BIDAR PRANEEL bearing **Roll No.** 18J41A0507 has successfully completed Certificate / Value Added Course / Workshop in PHP WITH DATABASE CONNECTIVITY conducted by the Department of Computer Science and Engineering from 10th October 2020 to 15th November 2020

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This is to certify that **Mr./Ms.** BOLLAMPALLI RAKESH bearing **Roll No.** 18J41A0508 has successfully completed Certificate / Value Added Course / Workshop in PHP WITH DATABASE CONNECTIVITY conducted by the Department of Computer Science and Engineering from 10th October 2020 to 15th November 2020

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This is to certify that Mr./Ms. **BOYA NITHISHA** bearing Roll No. **18J41A0509** has

successfully completed Certificate / Value Added Course / Workshop in **PHP WITH**

DATABASE CONNECTIVITY conducted by the Department of Computer Science

and Engineering from **10th October 2020 to 15th November 2020**

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CERTIFICATE OF COMPLETION

This is to certify that **Mr./Ms. CHALVADI DHANUSH** bearing **Roll No. 18J41A0510** has successfully completed Certificate / Value Added Course / Workshop in **PHP WITH DATABASE CONNECTIVITY** conducted by the Department of Computer Science and Engineering from **10th October 2020 to 15th November 2020**

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CERTIFICATE OF COMPLETION

This is to certify that **Mr./Ms.** <u>CHAMARTHI KALYAN VARMA</u> bearing **Roll No.** <u>18J41A0511</u> has successfully completed Certificate / Value Added Course / Workshop in <u>PHP WITH DATABASE CONNECTIVITY</u> conducted by the Department of Computer Science and Engineering from <u>10th October 2020 to 15th November 2020</u>

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