



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)

A brief report on three days' workshop on “Web Development” organized by the department of Computer Science and Engineering on Jan 6th, 8th and 9th, 2018 for all II BTech students.

A **three days** workshop on “**Web Development**” with interactive hands-on sessions has been conducted by the department of **Computer Science and Engineering** at Mallareddy College of Engineering and Technology on **Jan 6th, 8th and 9th, 2018** for all II BTech students.

Dr. V.S.K. Reddy garu, **Principal, MRCET** along with **Prof. K Kailasa Rao** garu, **Director of CSE/IT**, and **Dr. D Sujatha**, **HOD, Department of CSE, MRCET** inaugurated the workshop by lightning the lamp of wisdom.

Dr. V.S.K. Reddy garu, **Principal, MRCET** emphasized the need of digital transformation in the current scenario. He educated the gathering on the growth and integration of technologies and importance of web applications. He also explained how such workshops would help us in gaining knowledge of using web applications to turn India into “Digital-India”.

Prof. K Kailasa Rao garu, **Director of CSE/IT, MRCET** formally welcomed the dignitaries and expert from **Peramson's Software Development Private Limited** in his opening address. He requested the participants to pay eager attention to the topics covered during the workshop so that it would help them to meet the industrial demands.

Dr. D Sujatha, **HOD, Department of CSE, MRCET**, emphasized upon the importance of learning new technologies and tools for the students. She gave the introduction regarding the schedule and contents to be covered in the workshop focusing on the vast scope of web development field.

The resource person **Mr. Rajasekhar Reddy, CEO** at **Peramson's Software Development Private Limited** highlighted the importance of web oriented applications with intensive hands-on sessions as well as the technical details of the workshop in his address.

Workshop coordinators - M. SambaSivudu and M. Sandeep Kumar proposed the vote of thanks to all the dignitaries, guest and participants.

CONTENTS OF THE WORKSHOP

1. Introduction and interactive session (1st Day)

Topics covered: What is a Website, What are different types of websites (blog, e-commerce, social media, portals, etc), purpose of websites, interesting facts and figures related to web development, Prerequisites such as front end/back end/scripting, etc for Website development technologies used in creating website

2. Creating static web pages with HTML5 (2nd Day)

Topics covered: Introduction to HTML, Writing HTML code using Header Tags, Paragraphs, Ordered and Unordered lists, Forms, Links, Tables, frames, Images, Text formatting, Image Maps etc. Encoding URL, Using HTML5 introduced features, Embedding audio and video in a webpage, drag and drop, etc.

3. Creating dynamic web pages with PHP (3rd Day)

Topics covered: PHP - Introduction, Basics, Functions/Arrays/Strings, Loops, Database Connection, SELECT Query with PHP , Form, Form Handling, Form Validation, Validations with HTML5/PHP, Sessions, API Methods, GET, POST, and similar topics related to scripting.

At MRCET, we are sure that the students enhance their conceptual knowledge and harness their skills through continuous training and practice.







