



**BMS Institute of Technology and Management,
Yelahanka, Bengaluru -560064**

Department of Information Science & Engineering



Open Course Title: Web Application Development

Target Students from Branches: ECE/TCE/EEE/CSE/Mech/Civil/MCA

Total duration of the course: 25 Hours.

No. of Lecture hours: 3 Hours.

No. of hands on / Practical: 22 Hours.

Abstract

In recent years, the web has been getting more and more ingrained in our daily lives. We use it for everything, from shopping, to banking, to reading our news. The demand for web development talent is as high as ever, and the scope of what developers can do is huge. The world has been significantly transformed by technology and the change can be witnessed in website design and web development trends too. As every company today is ushering in a new website design age, there is a need for developers to be at the top of the game and keep up with so many updates and developments happening in the web designing world.

Open Course Details

CO1: Apply the web languages and protocols in the working of web applications

CO2: Combine multiple web technologies to create advanced web components.

CO3: Use software tools to develop real time web applications.

Schedule

Day 1:12/02/2019			
Time	Topics	Resource Person Details	CO-PO Mapping
9:00 to 4:30	Hands on HTML basics, Links, Images, frames, CSS basics, Links, counters, fonts and colors	Prof.S.Mahalakshmi, Chethan.J	CO1 –PO3
Day 2:13/02/2019			
Time	Topics	Resource Person Details	CO-PO Mapping
9:00 to 4:30	Hands on Javascript, JSON and Ajax	Prof.S.Mahalakshmi, Akshat Gupta	CO1, CO2-PO3, PO4

Day 3:14/02/2019			
Time	Topics	Resource Person Details	CO-PO Mapping
9:00 to 4:30	Hands on PHP basics, Strings, Arrays and MySQL. How to connect to database	Prof.S.Mahalakshmi, Akshat Gupta	CO2-PO4
Day 4:15/02/2019			
Time	Topics	Resource Person Details	CO-PO Mapping
9:00 to 4:30	Node.js Intro, HTTP Module, File system, events, mail and upload files	Nikhil and Aseef	CO3-PO5
Day 4:16/02/2019			
Time	Topics	Resource Person Details	CO-PO Mapping
9:00 to 4:30	Real time applications of web technologies	Chethan.J , Mrs.Amudha	CO3-PO5

Open course coordinator

HOD ISE