

***A Two Week
Skill Development Program***
(in Association with ACM- CVR Faculty Chapter)

on
Web Engineering

***2nd January 2023
To
13th January 2023***

Convener
Dr. A. Vani Vathsala
Professor, HOD, CSE Dept

Coordinators
Dr. V. Dattatreya, Prof, CSE Dept.
Mr. Suhail Afroz, Assoc. Professor, CSE Dept.
Mr. A Seetharam Nagesh, Sr.Asst. Professor, IT Dept.
Mr. V D S Krishna, Sr. Asst. Professor, CSE Dept.

Co-Coordinator
Mr. R Sahih, Sr. Assistant Professor, CSE

**Organized by
Department of
Computer Science and Engineering**



CVR COLLEGE OF ENGINEERING
Vastunagar, Mangalpalli (V),
Ibrahimpatan (M), R.R. District - 501510.
(An Autonomous Institution, Accredited by NBA,
AICTE, NAAC 'A' Grade)

About The Course:

As the Web has grown more complex and virtually everything being done on the Internet, developers have to be more specialized. To develop successful web applications, both front end and back end have to be designed meticulously. The front end of a website is the part a user sees and directly interacts with. It's built with HTML, CSS, and JavaScript. The Back-end is responsible for fetching required data from the database based on the request and front end is responsible for displaying the data. A full stack application consists of a separate backend and frontend. This two week FDP focusses on both front end and back end aspects of web application development, and covers JavaScript frameworks like Angular, Node.JS, ReactJS, and Back end technologies like NOSQL, and Firebase Real-time Database.

Topics to be covered:

- Introduction to Web Engineering
- Web Engineering Frameworks
- Introduction to NoSQL and Working with MongoDB
- Working with Firebase Real-time Database
- Introduction to Node JS
- Application development using Node JS
- Working with Express JS Framework
- Introduction to Angular Framework
- Application development using Angular
- Building and Consuming REST full API
- Introduction to ReactJS
- Application development using ReactJS

Resource Persons:

1. Dr. V. Dattatreya, Professor, CSE
2. Mr. Suhail Afroz, Associate Professor, CSE
3. Mr. A Seetharam Nagesh, Sr. Assistant Professor, IT
4. Mr. M. Hanimi Reddy, Sr. Assistant Professor, CSE
5. Mr. VDS Krishna, Sr. Asst. Professor, CSE.

Patrons

Dr. Raghava V. Cherabuddi, Chairman
Prof. C. Madhusudan Reddy, Advisor

Advisory Committee

Dr. K. Rama Sastri, Director
Dr. K. Rama Mohan Reddy, Principal
Prof. L. C. Siva Reddy, Vice-Principal
Dr. Nayanathara K. S, Dean Academics
Dr. K. Lal Kishore, Dean Research
Dr. M. Raghava, Professor, Associate Dean – Alumni Affairs
Ms. Vijaya Mair, Associate Dean - Campus & Corporate Relations

Dr. K. Narendar Reddy, Professor, CSE
Dr. K. Venkateswara Rao, Professor, CSE
Dr. H N Lakshmi, Professor, HOD, ET
Dr. Bipin Bihari Jaya Singh, Professor & HOD, IT
Dr. D. Durga Bhavani, Professor, CSE
Dr. N. Subhash Chandra, Professor, CSE
Dr. R. K. Selvakumar, Professor, CSE
Dr. K. Venkatesh Sharma, Professor, CSE
Dr. B. Rambabu, Professor, CSE

Organizing Committee Members

Mr. R. Sahith, Sr. Asst. Prof., CSE
Mr. V D S Krishna, Sr. Asst. Professor, CSE
Ms. K. Deepthi Reddy, Sr. Asst. Professor, CSE
Ms. M. Vasavi, Sr. Asst. Prof, CSE
Mr. U Jhashuva, Asst.Prof, CSE