



Report on Two days workshop on “Full Stack Development”

Date:21/02/2024

Department of Computer Science and Engineering had organized two days workshop on “**Full Stack Development**” for faculties. The program Inauguration was done through the hands of Honb’le Director of School of Technology Dr. Amey Katdare at Flexible Learning Space,1st floor,’A’ Block.

The Program was included with the series of Sessions detailed below:

Speaker: Mr. Dilip Rathod, Software developer at TransUnion Pune.

Day 1- 16/02/2024

Session I: Introduction to MERN Stack and Express App Setup

Mr. Dilip Rathod briefed students about the actual environment in the industries, the application of ReactJS, also how further sessions will be conducted, and what tasks need to be performed.

Session II: API Routes and Database Connection

In this session, students completed installations of NodeJS, MongoDB, and VScode extensions for backend creation.

Session III: API Routes and Database Connection

This session continued with an introduction to how to create an account, and database connection using MongoDB.

Day 2: 17/02/2024

Session I: React App Setup and Fetching Data

The second day started with the backend remaining part and continued with filling the data in the database.



Session II: Adding Data and React Context

In this session verification of back-end code was done by Mr. Dilip Rathod. The further session included Front end development for the website “workout”.

Session III: Deleting Data, Error Handling, and QA

The workshop ended with guidelines about how the connection of the front end and back end is established with the successful execution of the website.

About Workshop-

The two-day workshop was conducted by a resource person Mr. Dilip Rathod, who gave knowledgeable information about NodeJs, ExpressJs, ReactJS, and MongoDB database with hands-on practice. Students learned about how to add extensions in VScode, and also took a brief about ho

Objective:

1. To demonstrate how the back end and front end will be created using full-stack development technologies.
2. To develop real-time applications as per the requirement.

Future Plan:

1. To develop applications with advanced full-stack development technologies.

Attended:

1. 51 Students from SYCSE and TYCSE.

Students Feedback :

1. The workshop was amazing and very informative.
2. Best session on full-stack, Interactive session.



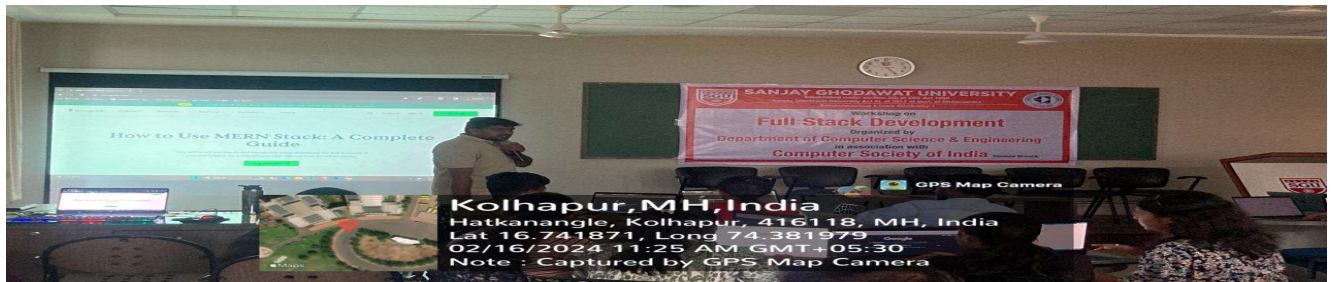
Glimpses of Workshop



A) Inauguration of Workshop



B) Felicitation of resource person by Dr. Amey Katdare, Director , SOT.



C) Guidelines by Mr. Dilip Rathod for two day workshop.



D) Hands-On practice during session



E) Interactive Session

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