SIES Graduate School of Technology
Department of Computer Engineering
Organizing
Student Development Program and Internship

Mobile & Web App Development

21 June– 26 June , 2021 10.00 AM to 5.00 PM

Automation is the current need in all Ecommerce field where Mobile & Web App development plays an important role in all aspects .Considering this objective, we will be grooming in recent web & mobile app development Technologies and also providing a platform to showcase students ideas on the same.

Objectives:

This Mobile & Web App Development course is without a doubt the most comprehensive course will be taught in Virtual Online platform. Even if student has zero programming experience, this course will take you from beginner to Intermediate.

Course Contents:

Day 1: Getting Started with Javascript: variables & strings, numbers,arrays, loops, functions, objects, Client side scripting such as form validations.

Day 2: Intermediate Php: Basic programming constructs, Arrays, functions, GET POST methods , Server side scripting, Basics of Database, Handling MYSQL Database using SQL Queries, PHP - Server Side Scripting , MYSQL Database Connectivity

Day 3 & 4: Fluter : Setting up Flutter, Introducing Widgets, Common Widgets in Flutter and Navigation, Handling User Input, User Interface, Flutter with Firebase.

Day 5 & 6: Node JS : Introduction and Foundation, Node Projects, Working with asynchronous programming, Building HTTP server with Node.js using HTTP APIs., Buffers, Streams, Events, Multiprocessing in Node JS.

Students will be developing Mobile & Web App using above technologies.

Who Should Attend: Any student from SE (all branches)

Highlight : Day 6 will be covered by Industry Expert.

Course Fees: No fees for SIES students, 500 for outside SIES.

Certification: Internship Certificate will be provided after completion of COURSE.

Internship: At the end of 6 days program participants will undergo 15 days internship covering developing secure Mobile & web app, solution for various organizations (For ex: Bank Sector/Medical Sector/Insurance/IT Sector).

Outcome:

- Students will be able to design App and Host it on server.
- Students will be able to make Dynamic App using Node JS & Php

Contact for Registration:

Prof. Sunil K Punjabi : Email-id: sunilp@sies.edu.in Mo: 8898528620

Day wise Schedule

Date	Day 1 (28/06/2021)	Day 2 (29/06/2021)	Day 3 (30/06/2021)	Day 4 (01/07/2021)	Day 5 (02/07/2021)	Day 6 (03/07/2021)
Resource person	**Mr. Sunil K Punjabi**	**Ms. Masooda Modak**	**Ms. Jyoti Tryambake**	**Ms. Masooda & Ms. Jyoti**	**Mr. Sunil K Punjabi**	**Mr. Nilesh Dalvi**
Time	10.00 am - 1.00 pm	10.00 am - 1.00 pm	10.00 am - 1.00 pm	10.00 am - 1.00 pm	10.00 am - 1.00 pm	10.00 am - 1.00 pm
	Introduction to Java script : variables & strings, numbers, arrays , loops, Hands on session	**Intermediate PhP**: Basic programming constructs, Arrays, functions, GET POST methods , Server side scripting,	**Introduction to flutter** : Setting up Flutter, Introducing Widgets, Common Widgets in Flutter and Navigation,	**Flutter** : Handling User Input, User Interface, Flutter with Firebase	**Introduction to Node JS** : Introduction and Foundation, Node JS Installation, Node JS Basics, Node JS NPM, Build Restful APIs with Node JS	**Node JS** with MongoDB, Node JS Projects, Working with asynchronous programming, Buffers, Streams, Events, Multiprocessing in Node JS.
Date	**Day 1 (28/06/2021)**	**Day 2 (29/06/2021)**	**Day 3 (30/06/2021)**	**Day 4 (01/07/2021)**	**Day 5 (02/07/2021)**	**Day 6 (03/07/2021)**
Resource person	**Mr. Sunil K Punjabi**	**Ms. Masooda Modak**	**Ms. Jyoti Tryambake**	**Ms. Masooda & Ms. Jyoti**	**Mr. Sunil K Punjabi**	**Mr. Nilesh Dalvi**
Time	2.00 pm - 5.00 pm	2.00 pm - 5.00 pm	2.00 pm - 5.00 pm	2.00 pm - 5.00 pm	2.00 pm - 5.00 pm	2.00 pm - 5.00 pm
	functions, objects, Client side scripting such as form validations Hands on session	Basics of Database, Handling MYSQL Database using SQL Queries, PHP - Server Side Scripting , MYSQL Database Connectivity	Hands on session using flutter	Hands on session using flutter	Hands on session using Node JS	Hands on session using Node JS
	Quiz	**Quiz**	**Quiz**	**Quiz**	**Quiz**	**Quiz**

SIES Graduate School of Technology
Sri Chandrasekarendra Saraswati Vidyapuram
Sector 5, Nerul, Navimumbai-400706

Department of Computer Engineering

Event Report

Title of event: Student Development Program

Web and Mobile App Technology

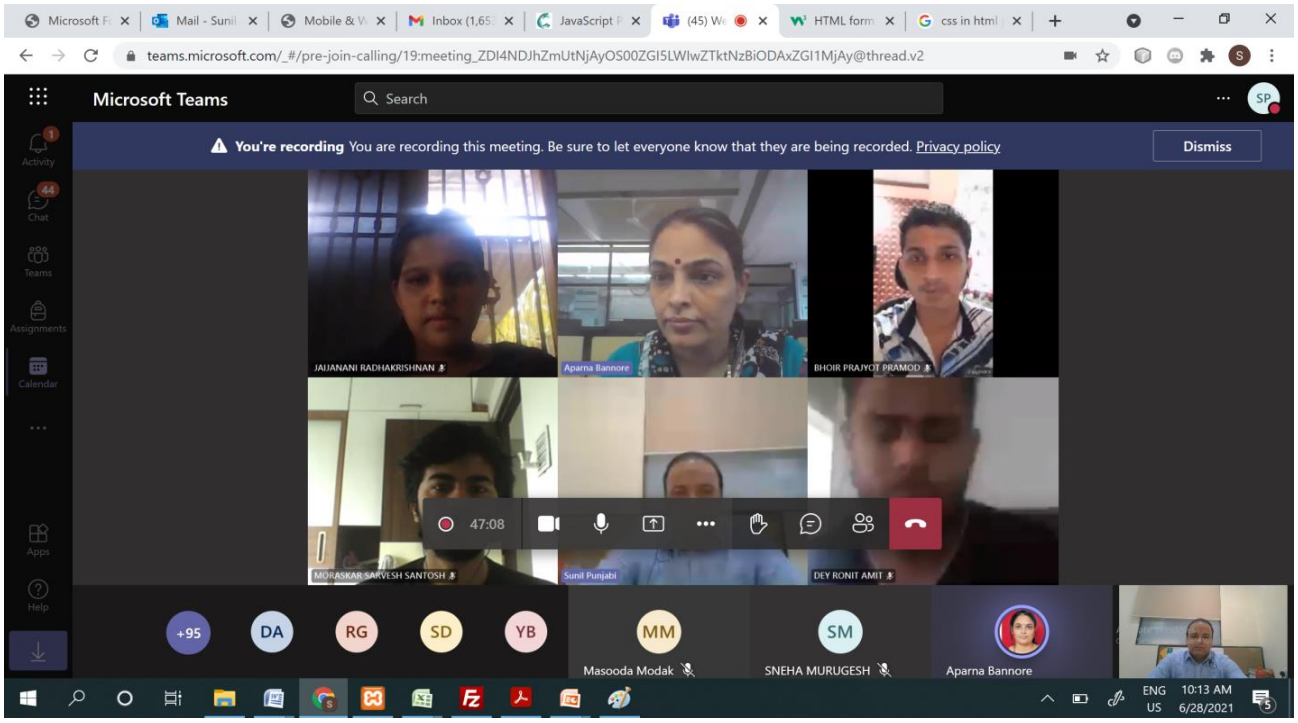
Event Information
Event Type: Workshop followed by internship
Event title: Web and Mobile App Technology
Resource Person: Prof. Sunil, Prof. Masooda, Ms. Jyoti, Mr. Nilesh
Event date: From: June 27, 2021 **To**: July 3, 2021
Organized for : All Students
Organized by: Sunil K Punjabi, CE Department
Target audience (branch & nos.): CE/IT/ME/EXTC
Attachments: 1. Photographs (in JPEG/PNG) **2. Attendance report** **3. Feedback**

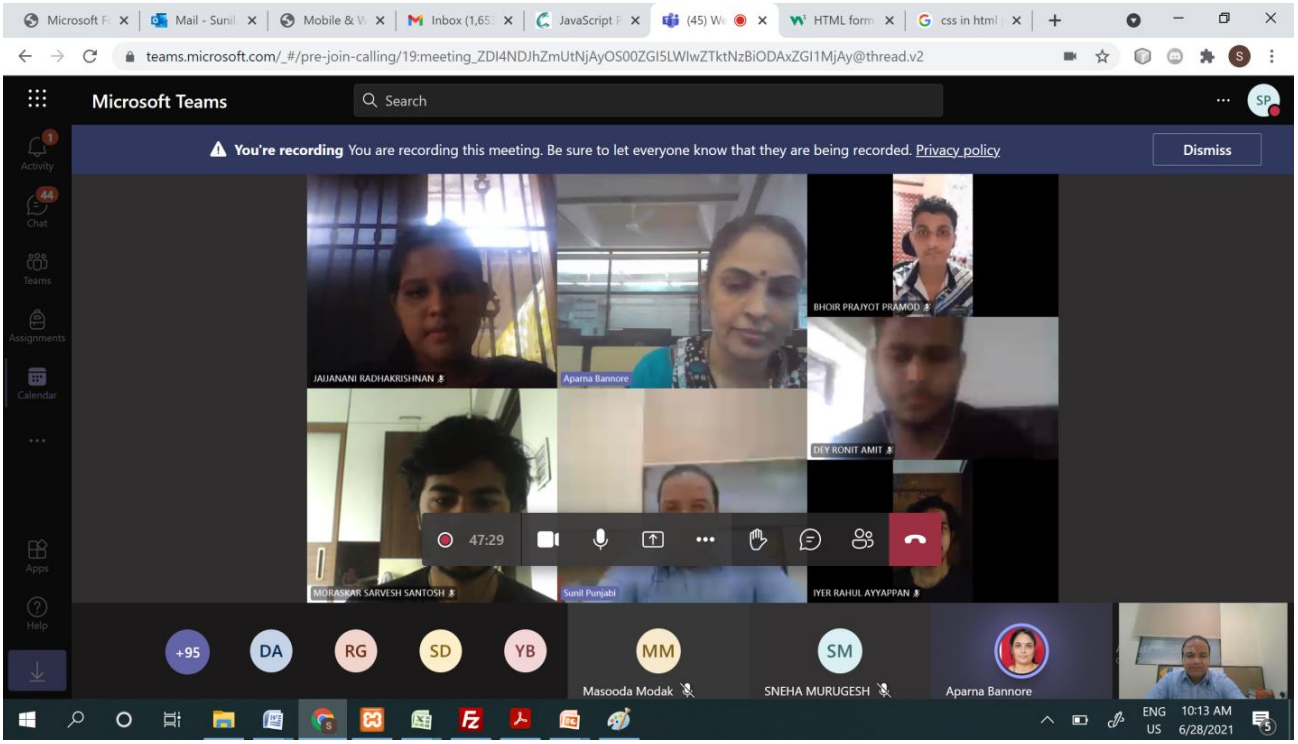
Event Description

CE department faculties have conducted six days student development program followed by internship, “Web & Mobile App Development”. Program was conducted by Prof. Sunil K Punjabi, Prof. Masooda Modak, Ms. Jyoti and Mr. Nilesh.

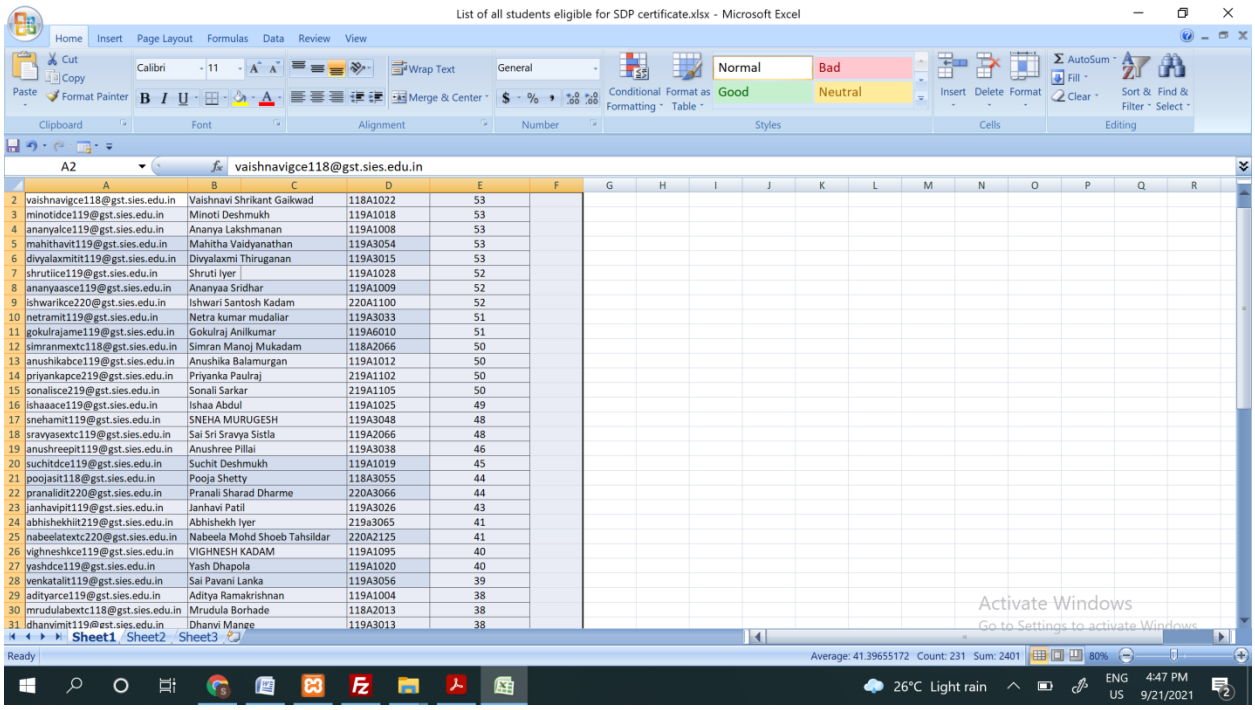
Objective of the workshop was to bridge the gap between industry requirements and academic. 58 students attended the course and successfully developed and submitted project individually. Students completed their projects during online internship by SIESGST and presented their work to CE department faculties. Certificates were given to students on successful completion and presentation of developed applications. Feedback was collected and overall feedback shows students were satisfied with content and requested to conduct future SDPs on similar technologies.

1. Photographs (in JPEG/PNG)





2. Attendance with marks



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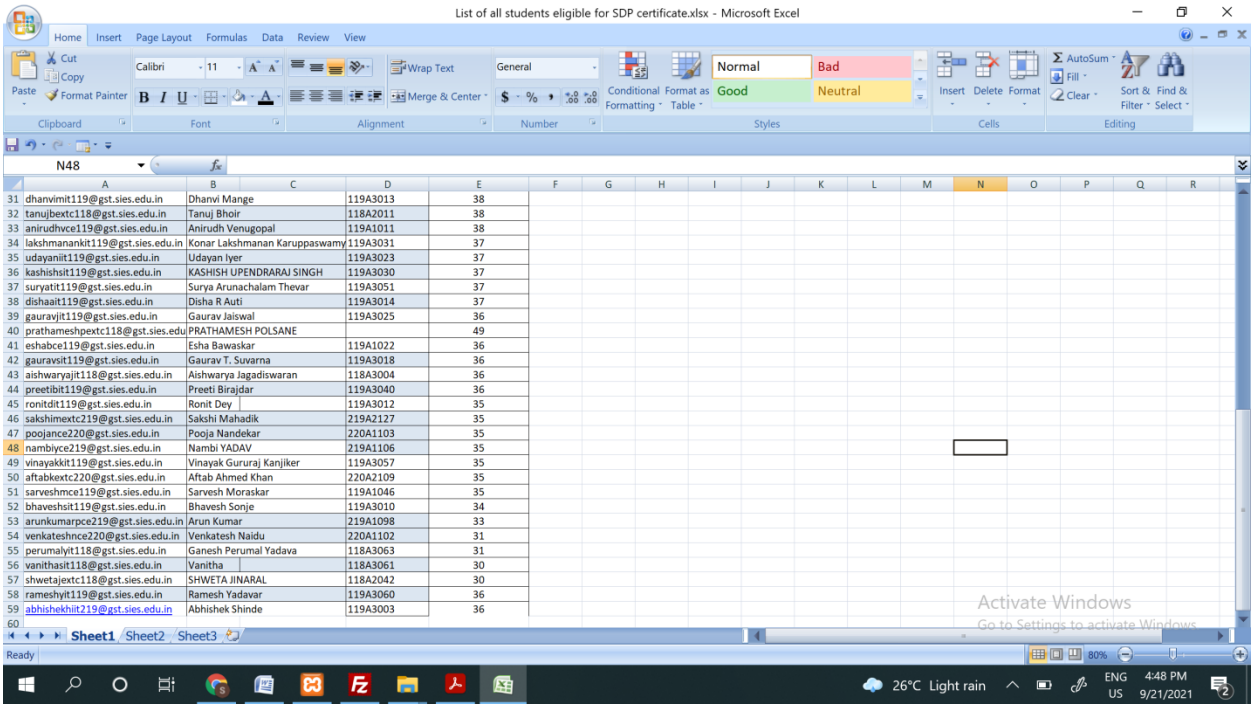

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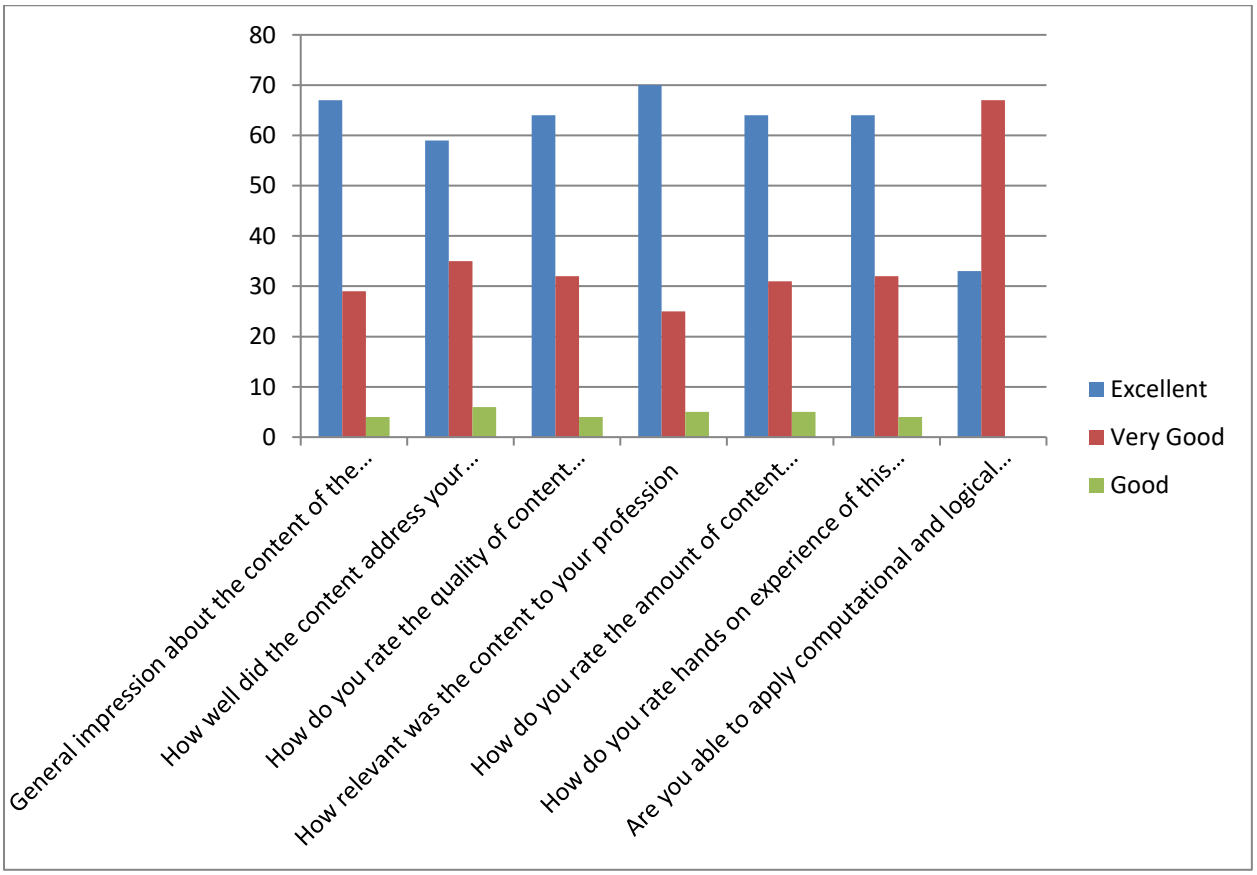
3. FeedbackReport (Scanned copy)



Impact Analysis:

- The session was very informative and students acquired the knowledge about Current trends in HMI.
- Students gained from this exposure to incorporate an entrepreneurial spirit and also familiar with the present scenario of industry with respect to the HMI Subjects.
- Total of 70 students from BE CE attended the session.

SIES Graduate School of Technology
RISE WITH EDUCATION

CE/2021-22/SH2021/WAMD/034

CERTIFICATE

Of Completion

This Is To Certify That

Esha Bavaskar

Has successfully completed the "Value Added Course On Web & Mobile Development"
from 28th June to 3th July, 2021 followed by 15 days Internship held at SIES Graduate School of Technology.
During Internship he/she has succesfully completed Project title - **Food Recipe App**

Prof. Sunil Panjabi SDP Coordinator	Dr. Aparna Bannore HOD Computer Dept.	Dr. Atul Kemkar Principal