

# **PANIMALAR ENGINEERING COLLEGE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## **APP DEVELOPMENT CLUB**

**Year & Month of Establishment: 22<sup>nd</sup> NOV 2022**

### **Objective:**

App Development Club for engineering undergraduate student aims to:

1. To make students aware of the latest trends and technologies available in web Development field.
2. To impart the knowledge and skills for designing Websites.
3. To increase employability in the domain of web development.
4. Helps in understanding user needs and market research.
5. Mobile applications become an essential component of our daily lives in the fast-paced digital era.

**Targeted Audience:** Students Interested in App Development Technologies.

### **Outcomes:**

1. Students got enhanced knowledge in App Development
2. Apps reach a broader audience, including smartphone and tablet users, extending your market reach.
3. Apps are optimized for device performance, offering faster load times and smoother user experiences.
4. Apps allow personalized content and push notifications, enabling targeted user communication.

## **Faculty Coordinators:**

**Dr. K. Valarmathi, Professor / CSE**

**Mrs.I.Jaichitra Vasudevan, Asst.Prof / CSE**

## **Student Coordinators:**

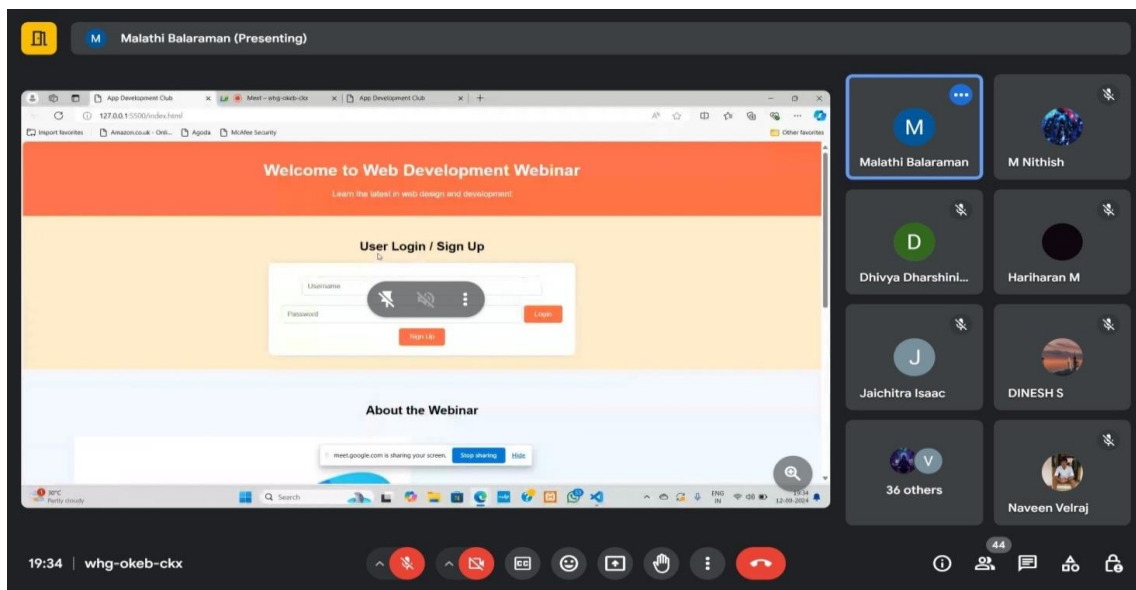
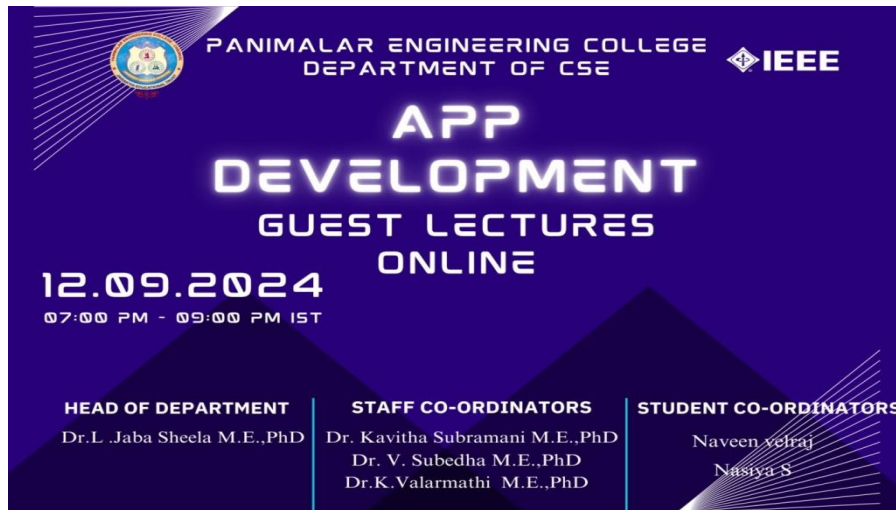
- 1. Mr. Naveen Velraj – III CSE**
- 2. Ms. Nasiya - III CSE**
- 3. Mr. Naveen Nagaraj – III CSE**
- 4. Mr. Karthikeyan – III CSE**

## Academic Year 2024-25 (Odd Semester)

### App Development Club Activities

<b>S.No</b>	<b>Activities</b>	<b>Topics</b>	<b>Date</b>	<b>No. of Participants</b>	<b>Resource Person</b>
1	Online Workshop	Intro to JavaScript	12.09.24	58	Ms.B.Malathi-III Year CSE
2.	Workshop	Java script	20.9.24	63	Ms.B.Malathi-III Year CSE

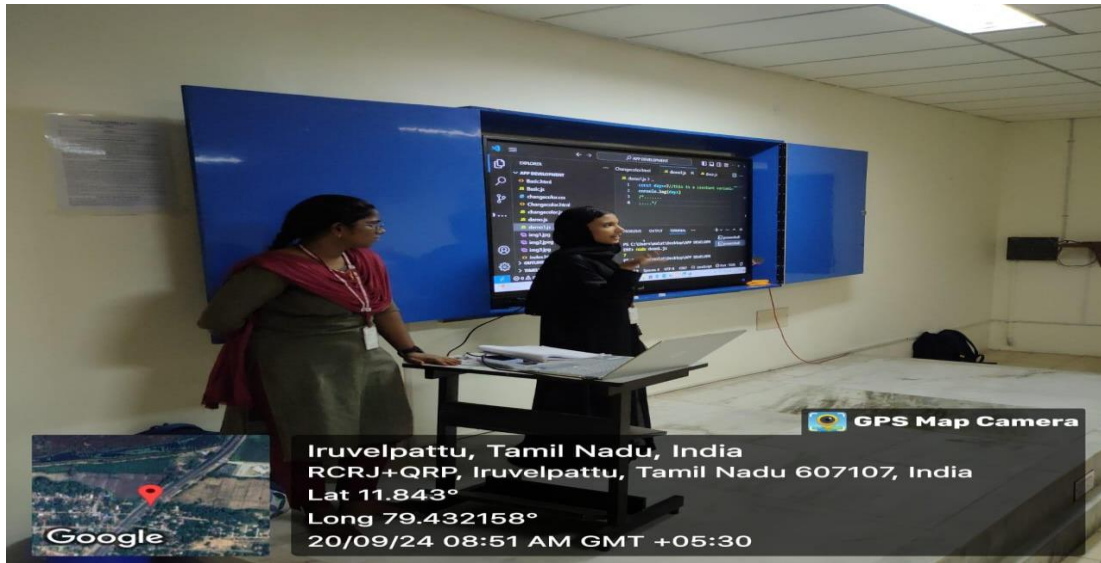
# 1. Workshop on App development



Panimalar Engineering College, Department of Computer Science & Engineering in association with App Development Club and Student Branch has organized a Workshop titled “Intro to JavaScript (App Development)” on 12-09-2024. The contest was conducted for Ilyear CSE students to provide attendees a platform for coders of all levels to showcase their programming skills and encourage them for collaboration and knowledge sharing among individuals who are passionate about coding and problem solving. Around 58 students of IInd year Computer

Science and Engineering Department participated in this Workshop. Participants felt that the Workshop was very much interesting, challenging and motivated the realization of continuous learning. Dr. K. Valarmathi, Professor, Department of CSE, Mr. Naveen Velraj of III Year CSE, Mr. Navin N, Mr. Latheesh, Ms. Sruthi S and Ms. S. Nasiya of III Year CSE have coordinated the event.

## 2. Workshop



**Panimalar Engineering College**, Department of Computer Science & Engineering in association with App Development Club and Student Branch has organized a Workshop titled “**Guest Lecture on JavaScript (App Development)**” on 20-09-2024. The contest was conducted for Iyear CSE students to provide attendees a platform for coders of all levels to showcase their programming skills and encourage them for collaboration and knowledge sharing among individuals who are passionate about coding and problem solving. Around 63 students of II<sup>nd</sup> year Computer Science and Engineering Department participated in this Workshop. Participants felt that the Workshop was very much interesting, challenging and motivated the realization of continuous learning Dr. K. Valarmathi, Professor, Department of CSE, Mr. Naveen Velraj of III Year CSE, Mr. Navin.N, Mr. Latheesh, Ms. Sruthi Sand Ms. S. Nasiya of III Year CSE has coordinated the event.

*K. Valarmathi*

COORDINATOR

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## Academic Year 2023-24

### App Development Club Activities

<b>S.no</b>	<b>Activities</b>	<b>Topics</b>	<b>Date</b>	<b>No of participants</b>	<b>Resource Person</b>
1	Internal offline Lecture	Introduction to React JS	04-03-2024	56	Mr.H.Rishab / III CSE D
2	Internal offline Lecture	Introduction to GIT and GITHUB	26-02-2024	60	Mr.A.Prasanna / III CSE D
3	Seminar	Trending App Development Tricks	18.08.2023	64	Mr. Kavin Arthur MCA (PhD)
4	Internal online Lecture	React Router, States, Hooks	16-02-2023	59	Mr. S M Navin (III CSE D)

## 1. Guest Lecture



The Guest Lecture, focused on the importance of React JS and its application in software industries. React's primary role in an application is to handle the view layer of that application just like the V in a Model-View-Controller (MVC) pattern by providing the best and most efficient rendering execution. Rather than dealing with the whole user interface as a single unit, React.

## 2. Guest Lecture



The Guest Lecture focuses on importance of GIT and GITHUB and its application in software industries. Developers use GitHub to work together on a single project with the benefit of version control. This helps them reduce duplicating work. In addition, GitHub allows developers to try new things. It is used for tracking code changes, tracking who made changes and Coding collaboration.

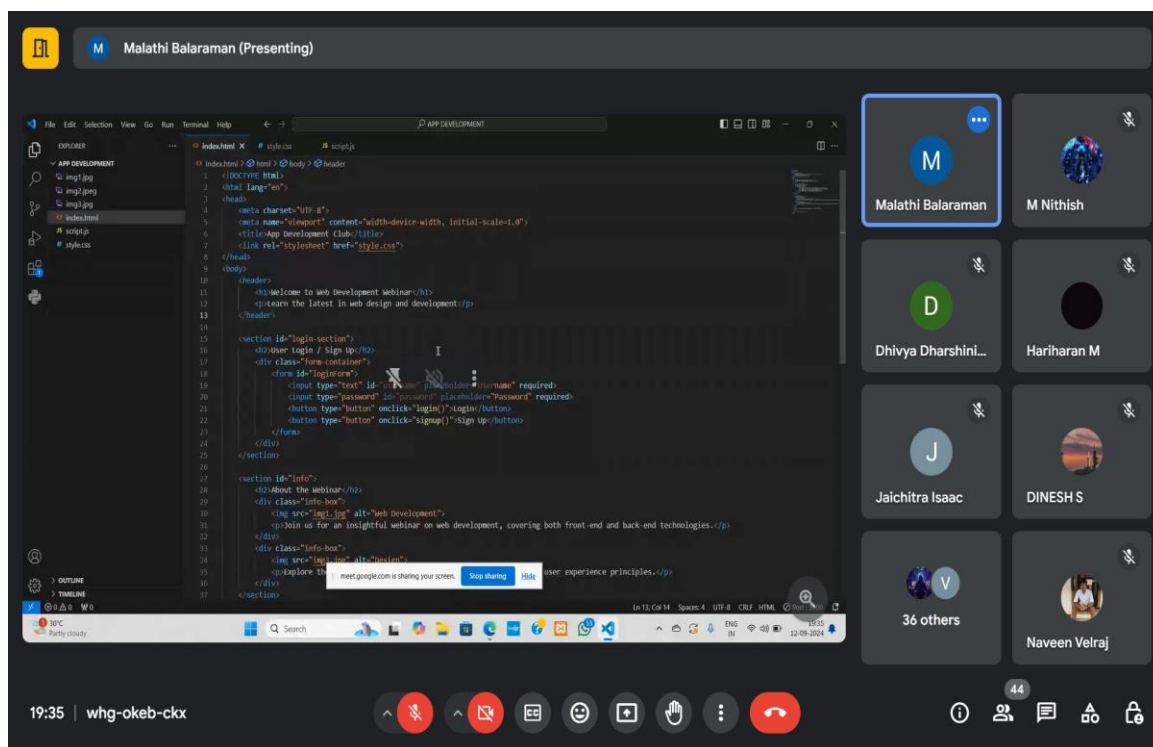
### 3. Seminar on trending Application Development tricks



The Seminar focuses on importance tricks applied to develop the App. He Explains in detail about Wearables, Mobile wallet and Block chain Technologies. This helps them to understand the various tricks used in the app development software. Also helpful in understanding the usage of Block chain in Mobile wallet app development.



## 4. Internal Online Lecture



The Internal online Lecture, focused on the importance of React JS and its application in software industries. Reacts primary role in an application is to handle the view layer of that application by providing the best and most efficient rendering execution. Rather than dealing with the whole user interface as a single unit, React. Discuss in detail about the execution of application

*K. V. Valathi*

**COORDINATOR**

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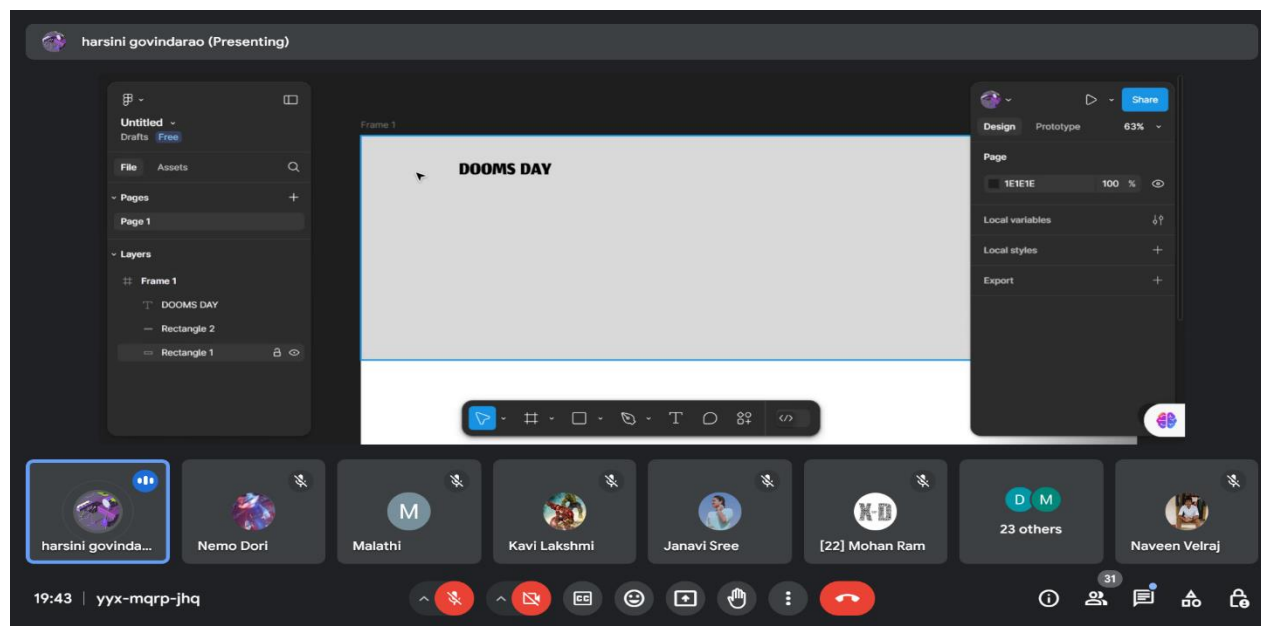
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## Academic Year 2022-23

### App Development Club Activities

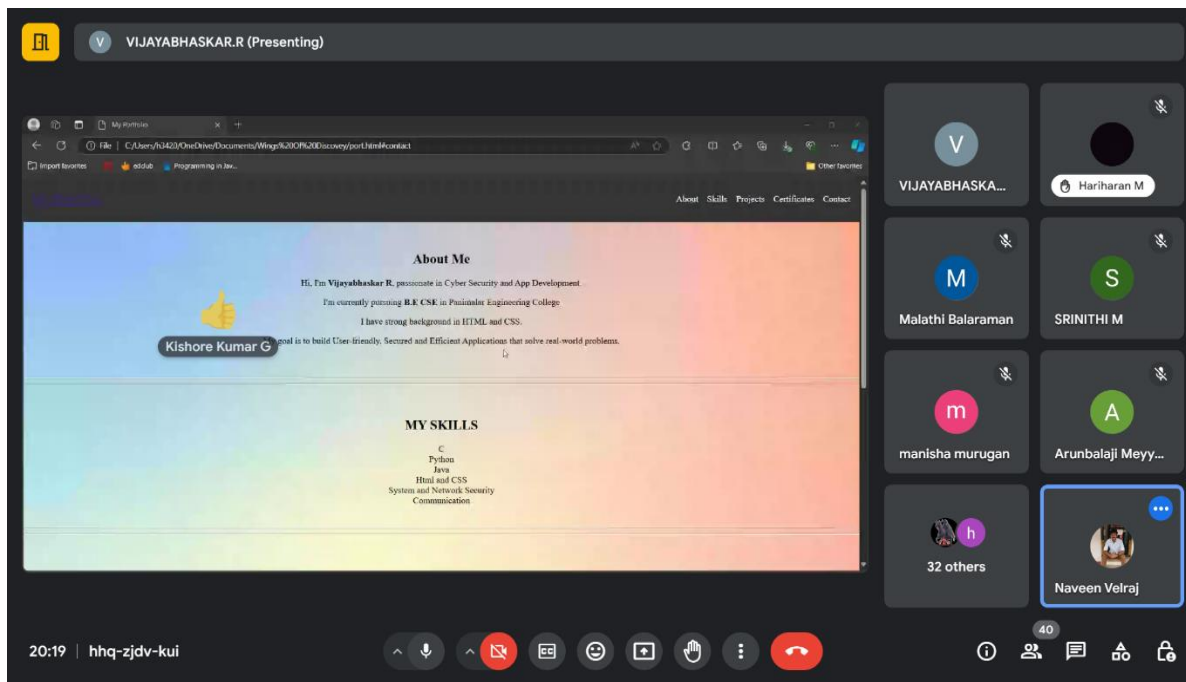
S.no	Activities	Topics	Date	No of Participants	Resource Person
1	Internal Online Lecture	HTML / CSS Tables, Links	14-10-2022	48	Dr. K. Valarmathi
2	Internal Online Lecture	Webinar on CSS, Java Script and React.	14/10/22, 17/10/22, 07/11/22 & 16/11/2022	44	Mr. S M Navin (III CSE D)
3	Inaugural Speech	Introduction to Word Press Developer	22.09.2022	200	Mr. Sutheesh

# 1. Internal Online Lecture



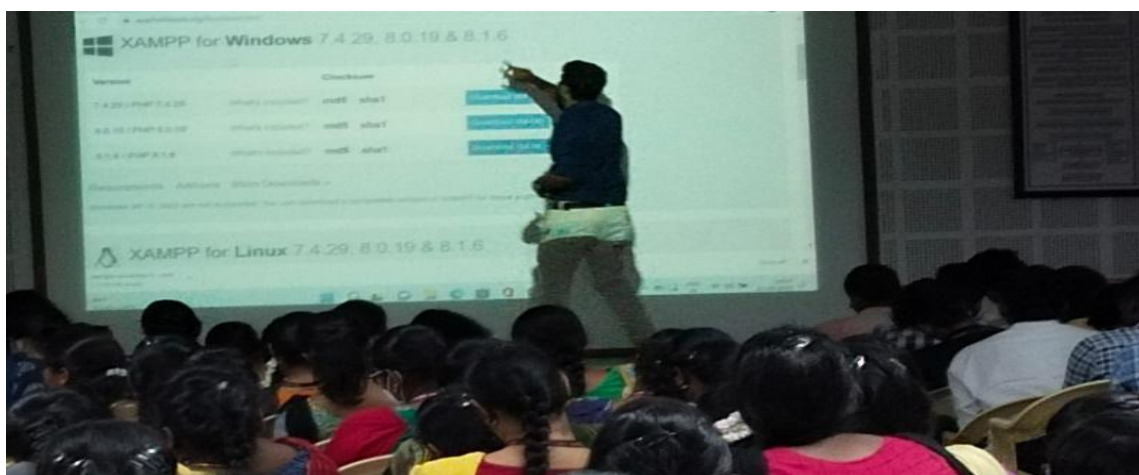
An Online Lecture focuses on basic of HTML and CSS used to develop the App. Hands-on Execution is also give to students to create interest on App development. Student interact with man and Learn about the Active page and Passive page creation. Around 48 students of IInd year Computer Science and Engineering Department participated in this online Lecture. Participants felt that the Lecture was very much interesting, challenging and motivated.

## 2. Internal Online Webinar



The Webinar focuses on basic of CSS, Java Script and React used to develop the App. Hands-on Execution is also give to students to create interest on App development. Student interact with Mr.S.M. Navin and learn about the Active page and Passive page creation using Javascript. Around 44 students of IInd year Computer Science and Engineering Department participated in this online Lecture. Participants felt that the Lecture was very much interesting, challenging and motivated the realization of continuous learning

### 3. Guest Lecture



**Mr. S. Suteesh – Software Engineer from Tata Consultancy Services**

Application Development Club was established by the Department of computer science and engineering at Panimalar Engineering College in collaboration with IEEE, CSI, and IETE. Mr. S. Suteesh – Software Engineer from Tata Consultancy Services gave Hands on training using Word Press and officially launched the club on 23/09/22-8:30 to 10:00A.M. This club also aims to provide a welcoming and inclusive environment where anyone can learn and participate in the idea formulation, design, and development of mobile and web applications. More than 200 people took part and benefited.

*K. V. Sathya*

**COORDINATOR**

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