



REPORT: MOBILE APP DEVELOPMENT WORKSHOP

Introduction:

A workshop on "**Mobile App Development**" was organized for the **Third Year Information Technology (TE IT)** students on **Wednesday, 29 July 2026**, from **8:45 AM to 10:45 AM** at the **Computer Centre (1st Floor)**, **Xavier Institute of Engineering (XIE)**. The session was conducted by **Mr. Sarvesh Naik**, an alumnus of the **EXTC Department, XIE**. The workshop focused on introducing students to modern AI-powered tools used in the mobile application design process. Through live demonstrations, participants learned how to transform an app idea into an interactive prototype using **Google Stitch**, **ChatGPT** for prompt generation, and **Antigravity** for rapid prototyping, providing valuable exposure to the latest trends in AI-assisted application development. The initiative was taken by **Prof. Smita Pawar** under IIC-XIE in association with Alumni cell-XIE.

Objectives:

- To introduce students to the fundamentals of mobile app development.
- To understand the role of Artificial Intelligence in modern UI/UX design.
- To explore **Google Stitch** for AI-assisted interface design.
- To learn effective prompt generation techniques using **ChatGPT**.
- To understand rapid prototyping using **Antigravity**.
- To familiarize students with the AI-powered app design workflow.

Workshop Flow:

1. Introduction to Mobile App Development

- The session began with an overview of mobile application development and the growing importance of AI in simplifying the design process.
- The speaker explained how modern AI tools are transforming the way applications are conceptualized and designed.

2. Google Stitch for UI Design

- Mr. Sarvesh Naik introduced **Google Stitch**, an AI-powered UI/UX design platform.



- Students learned how application interfaces can be generated from simple text descriptions, significantly reducing design time.
- The resource person demonstrated the process of creating visually appealing user interfaces using AI.

3. Prompt Generation using ChatGPT

- The workshop emphasized the importance of writing effective prompts to obtain accurate design outputs.
- Students were shown how **ChatGPT** can be used to generate structured and detailed prompts for Google Stitch.
- Different prompt-writing strategies were demonstrated to improve the quality of generated user interfaces.

4. Rapid Prototyping using Antigravity

- Participants were introduced to **Antigravity**, a rapid prototyping platform that converts AI-generated designs into interactive application prototypes.
- The session demonstrated how prototypes can be refined and prepared for further development.

5. Live Demonstration

- A complete workflow was demonstrated, beginning with an application idea, followed by prompt creation using ChatGPT, UI generation using Google Stitch, and rapid prototyping with Antigravity.
- Students observed how multiple AI tools integrate to streamline the app development process.

6. Interactive Question & Answer Session

- The workshop concluded with an interactive discussion where students clarified their doubts regarding AI-powered app development, UI/UX design, and career opportunities in mobile application development.

Key Learnings:

- Understanding the fundamentals of mobile application development.
- Learning the workflow of AI-assisted application design.



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- Hands-on exposure to **Google Stitch** for UI generation.
- Understanding effective prompt engineering using **ChatGPT**.
- Knowledge of rapid prototyping through **Antigravity**.
- Appreciating the role of AI in accelerating the mobile app development lifecycle.

Feedback Analysis:

The workshop received a positive response from the participants. Students appreciated the practical demonstration of AI-powered development tools and found the session highly informative and engaging. The live workflow showcasing idea generation, prompt engineering, UI creation, and prototyping helped students understand how modern technologies can simplify application development. The interactive discussion further enhanced their understanding by addressing real-world challenges and career opportunities in the field.

Which App You are planning to develop

57 responses

Student Attendance Management App

Adrenosprint

A Pocket Investment Simulator app

Smart Canteen Ordering System – An app that allows students to pre-order food, choose a pickup time, make online payments, and avoid long queues.

Travel planning application

Hospital management system

EnergySync (Smart AI Calendar & Task Auto-Scheduler)

Smart Attendance System

Football app



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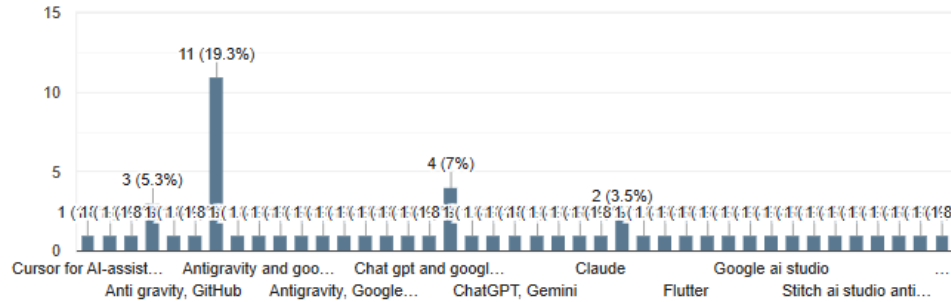
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Which AI tool you find useful for developing App?

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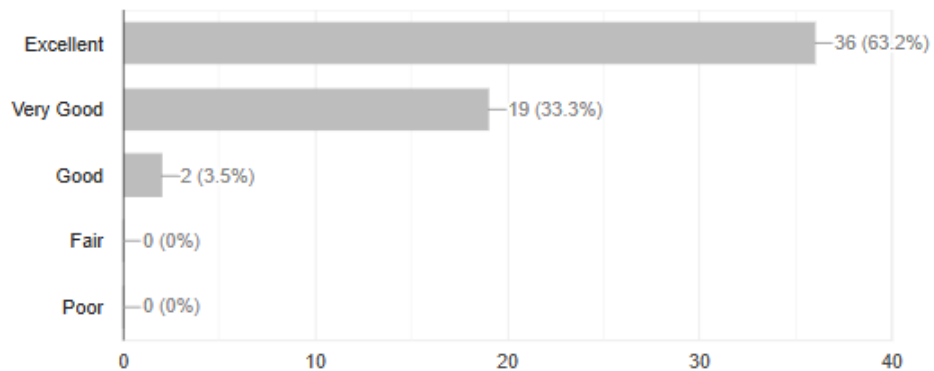
57 responses



How was the overall organization of the workshop?

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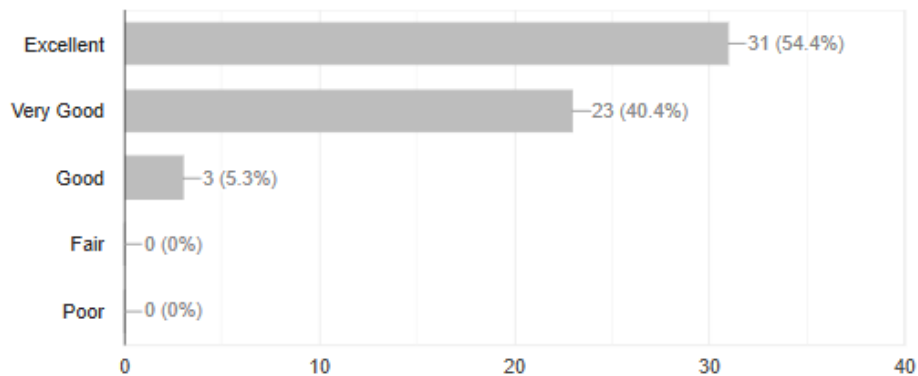
0 / 57 correct responses



How relevant was the content discussed by the speaker?

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0 / 57 correct responses





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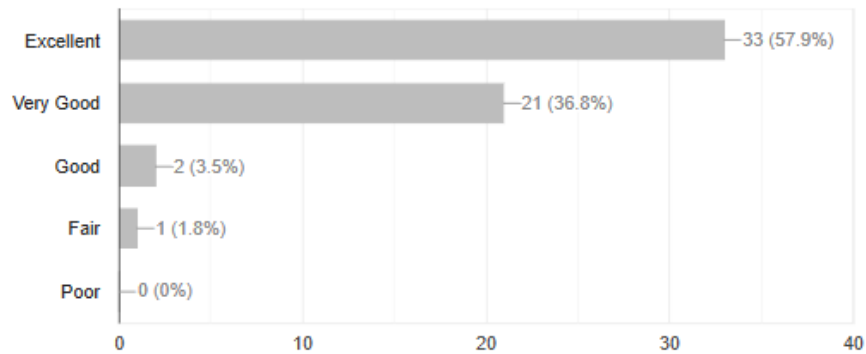
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Did the Workshop cover what you were expecting?

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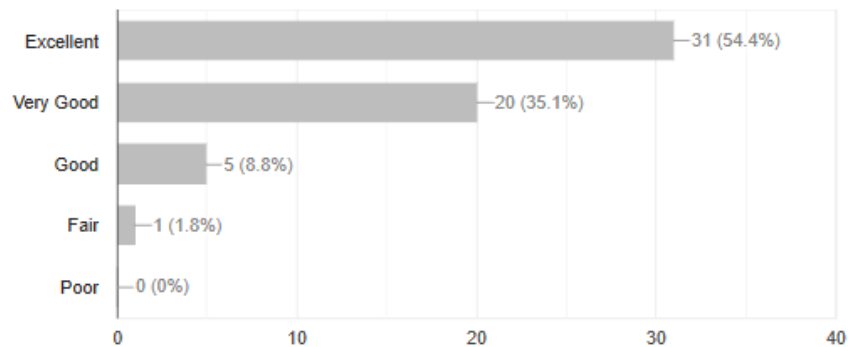
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How much this session was useful from the knowledge and information point of view

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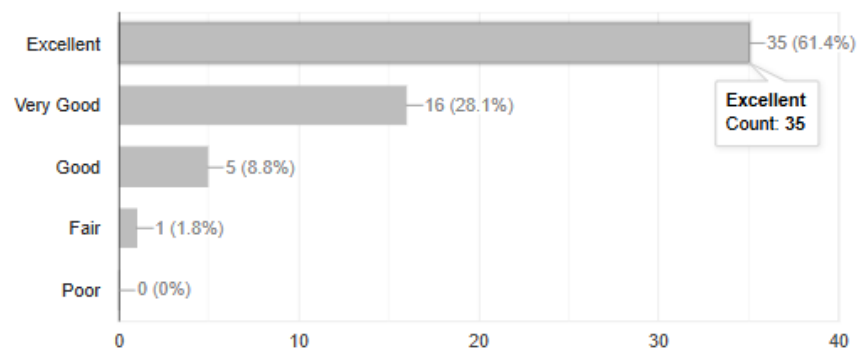
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Overall effectiveness of the session

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0 / 57 correct responses



What did you like the most about the session?



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- Opportunity to learn new things
- During the entire session I liked how the Alumni was explaining every bit of detail, and how an app is developed.
- It is very useful in my upcoming career and will give us a great tech knowledge.
- Speaker was friendly and was communicating with us to help us understand the topics .
- I liked it because they did tell us to hard code it , because in the world of artificial intelligence we need to learn to make things with the help of Ai and not coding anything from scratch Ai can code
- The personal journey about the speaker
- got to learn about mobile development and how can we build application using AI
- Interesting session
- Practicality
- I liked how the session helped me turn a simple idea into a structured app concept with clear features and implementation steps.
- Teaching,how to build an app
- Explored like a diff ai tools for app dev
- The way sir explained every tool making sure everyone understands is the thing I liked most about the session.
- The interactivity and the fun way of learning
- I actually understood what and how to do and it was helpful for building app
- One of the most interactive session it was
- The flow from basic to high level
- Sir was friendly
- The speaker really explained the concepts very well
- Conversations
- Sir was talking to us in a friendly manner, so that we could communicate easily and make an amazing app design
- Overall session was very interactive which helped us alot for gaining the knowledge the speaker was very clear ... overall nice experience
- Personalized approach and interaction with alumni
- App development
- The clear, structured breakdown of the main topics and the highly practical examples provided.
- I really liked how easy it was to turn an idea into a real app using AI tools. It was interesting to see how tools like Google Stitch, Antigravity IDE, ChatGPT, and Gemini made designing the UI and building the app much faster and simpler.
- Very interactive session
- The Development Of an App
- The way of communication and confidence that the speaker had
- Interacting between the sessions, keeping the crowd active,
- Sir's explanation
- It was an overall good and engaging session



- Everything was good
- Gathering knowledge about Ai tools , sir explanation and coordination with students was friendly
- it was fun and i even learnt something useful. the speaker was super interesting to listen to
- The hands-on demonstration of AI tools for mobile app development and learning how to generate app ideas, UI designs, and code quickly using AI
- The way speaker was engaging everyone

Additional comments and suggestions for future

- More of these please
- For future sessions, it would be helpful to include more hands-on app development workshops, live coding demonstrations, and guidance on using AI tools effectively. More real-world project examples, debugging sessions, and time for doubt-solving would make the learning experience more practical and engaging.
- The session was excellent. I would appreciate having more time for hands-on practice and detailed demonstrations in future workshops
- Nice
- I really enjoyed the session. For future workshops would be to include a live hands-on activity where we build an app together from start to finish. I think learning by actually doing it would make the session even more engaging and help us understand the tools much better.
- Good
- Conduct more sessions like this
- More workshop
- Like to attend such sessions more
- none, one of the best sessions i ever attended
- The session was very informative and engaging. In future, it would be great to include more live app-building examples and hands-on practice with Flutter and Firebase.

Conclusion:

The **Mobile App Development Workshop** proved to be an enriching learning experience for the TE IT students. The session successfully introduced participants to modern AI-driven application design methodologies by integrating **ChatGPT**, **Google Stitch**, and **Antigravity** into a unified workflow. The practical demonstrations enabled students to understand how



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innovative ideas can be transformed into interactive application prototypes efficiently. Overall, the workshop enhanced students' awareness of emerging technologies and inspired them to leverage AI tools for developing creative and user-centric mobile applications in future academic and industry projects.

PO-PSO Mapping:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2
3	3	3	3	3	3	3	3	3	3	3	3	3

Poster:



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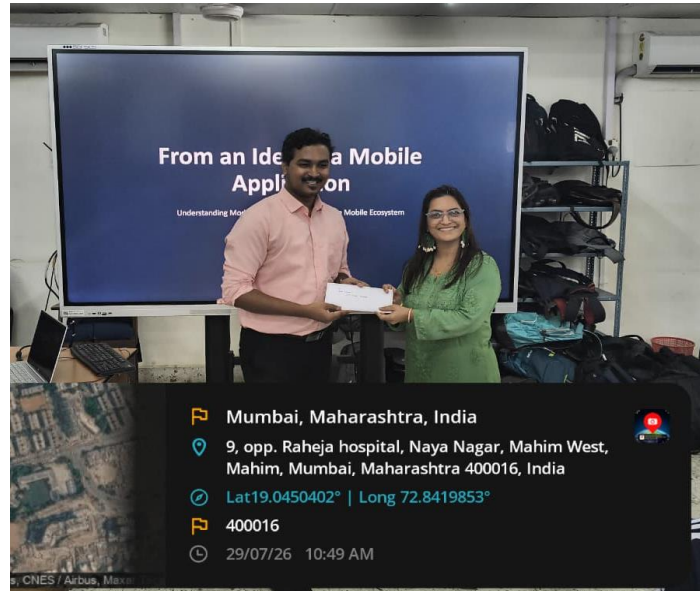


All TE IT students are hereby informed that workshop on **"Mobile App Development"** is organized on **Wednesday, 29 July 2026**, from **8.45–10.45a** the Computer Centre (1st floor) at XIE.

The resource person for the session is **Mr. Sarvesh Naik**, Alumni, EXTC Department, XIE.

Venue: Computer Centre (1st floor)

Dates: Wednesday, 29 July 2026, 8.45–10.45am





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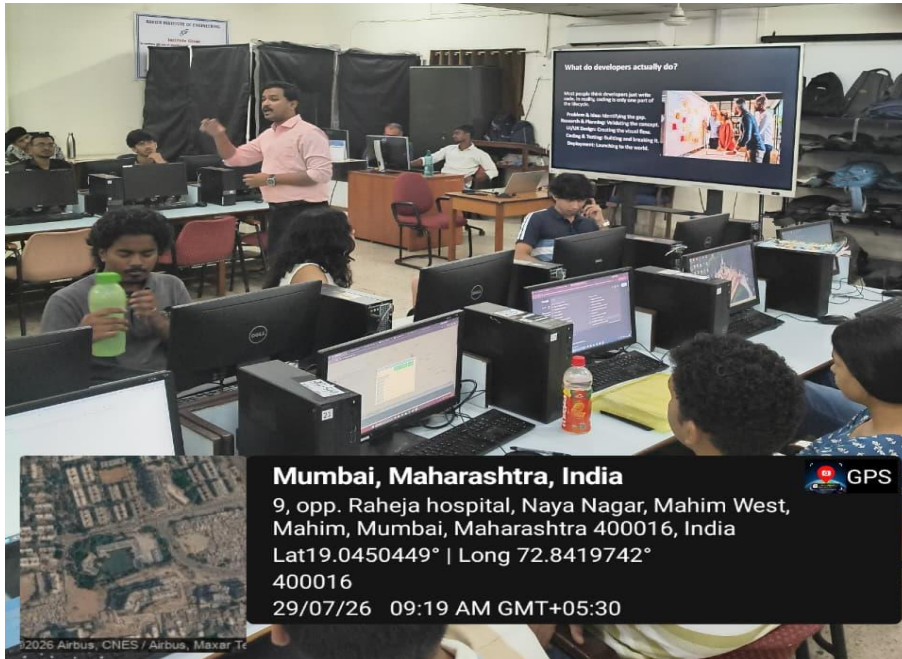
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