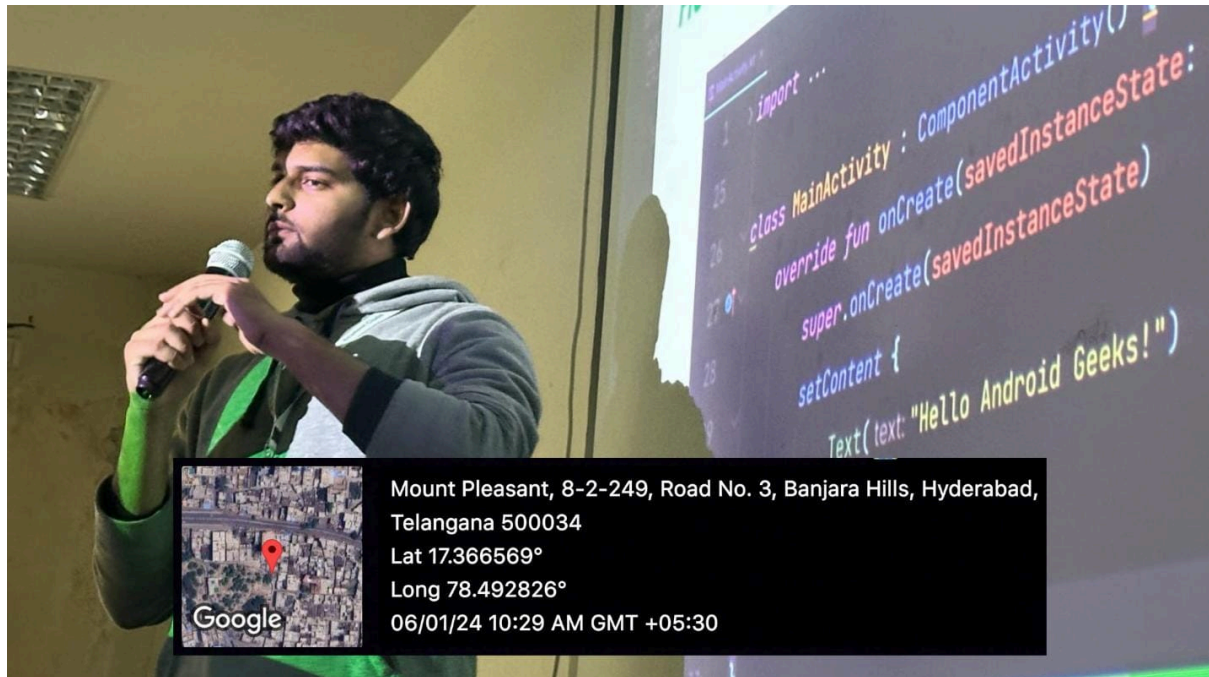


ANDROID UNPLUGGED

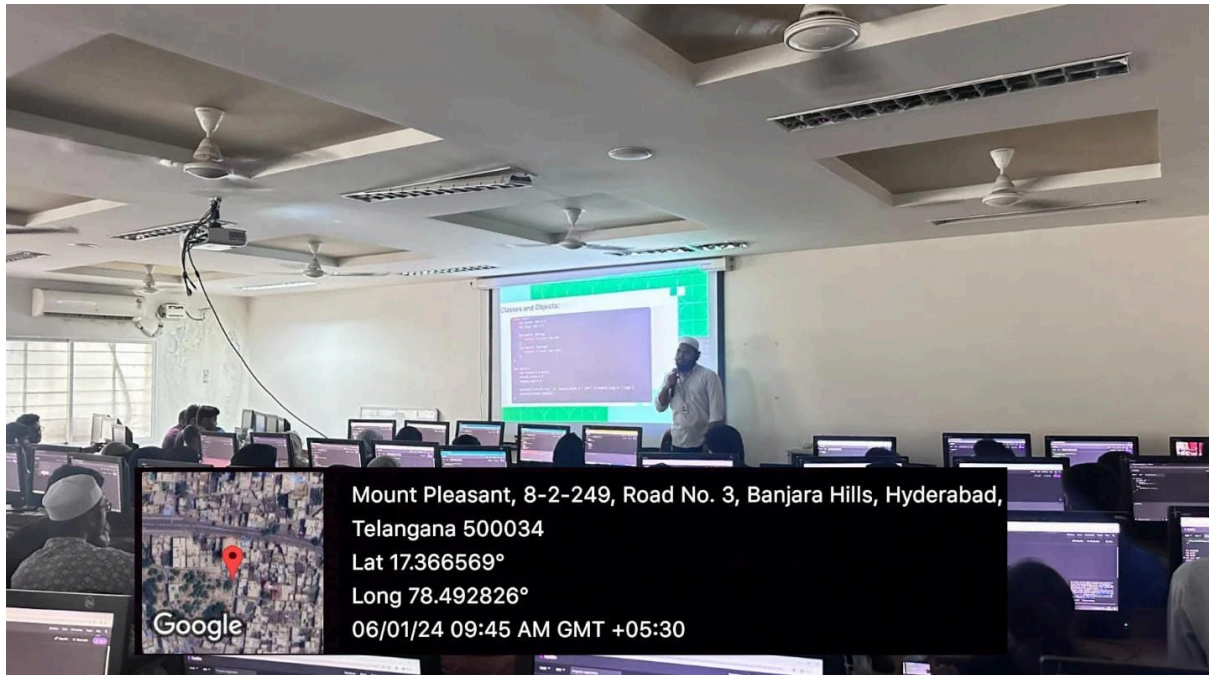
Event Report

Introduction to Android Development



The Android Unplugged event, held on 06th January, was a fascinating exploration into the world of Android Application Development. Mohammed Zaka Kareem, the Chief Representative of GDSC MJCET, initiated the event by highlighting the concept of Android Unplugging, defining it as a state where the Android OS transcends beyond devices and becomes ingrained in our consciousness. He pointed out the soaring demand for the Android operating system over IOS. Furthermore, he spotlighted the advent of Kotlin as a superior language compared to Java within the Android framework.

Hands-on Session using Kotlin



Mubashir Ahmed, the Tech Captain of GDSC MJCET conducted an interactive session, educating attendees about the foundational aspects of Kotlin. He explained how Kotlin is a modern, versatile, concise and flexible programming language. He also emphasised that Kotlin has gained popularity in recent years, with many major companies choosing it over Java, leading to an increased number of job opportunities as a Kotlin developer. Beginning right from the basics, the topics covered were variables, data types, functions, conditional statements, classes and objects, string manipulation, inheritance, and constructors, which enabled a practical understanding of Kotlin's usage in Android development.

Understanding UI



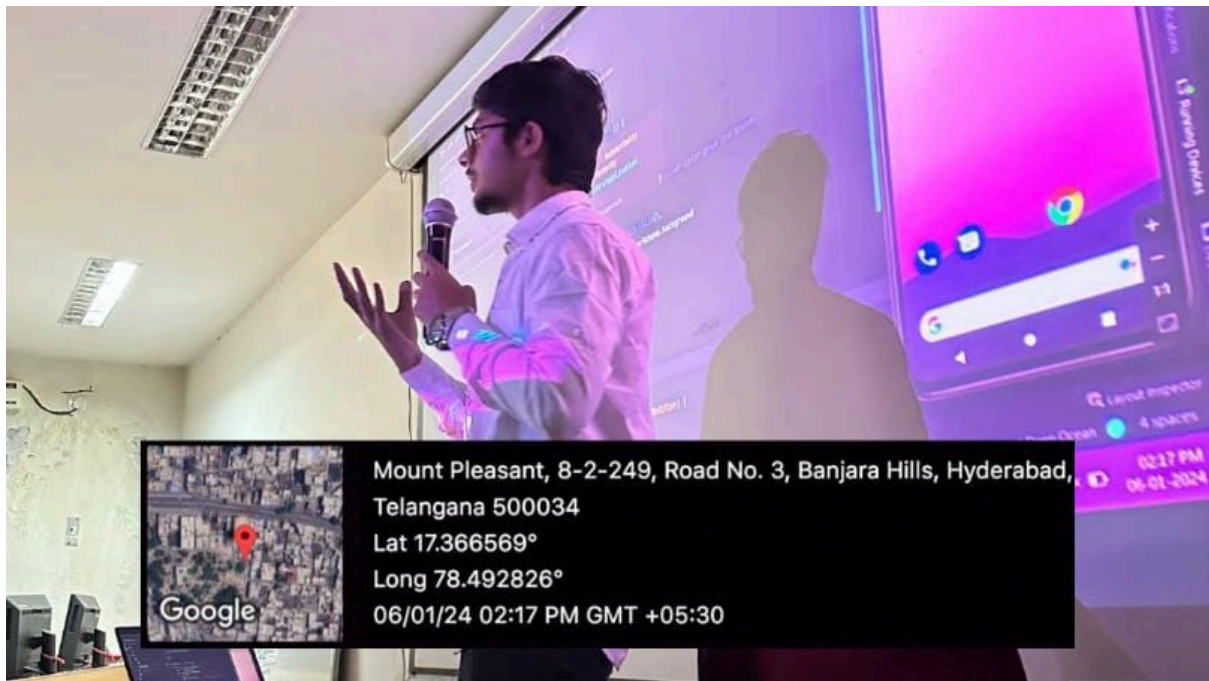
Mohammed Zaka Kareem, the Chief Representative of GDSC MJCET continued the discourse by shedding light on the significance of UI (User Interface) in Android development. He introduced Jetpack Compose, a cutting edge and relatively new technology unveiled by Google in 2019, as an advanced alternative to the conventional XML method for crafting UI. Following that, he commenced with the fundamentals of Jetpack Compose, illustrating the process of creating a compose activity. Additionally, he provided insights on the creation of widgets, such as buttons and dialog boxes, along with their purpose, explaining how to effectively design and implement them within Android applications.

Quiz and Prizes



The App development team conducted an interactive quiz session that aimed at assessing the attendees' understanding of the covered topics. The quiz encompassed various areas such as Kotlin, UI design principles, and related essential topics. It further enhanced the audience's understanding of the concepts explored. Prizes were awarded to the top three participants, appreciating their active participation.

Conclusion



In conclusion, the Android Unplugged event served as an enlightening journey into the ever-evolving realm of Android operating systems. The hands-on session allowed the attendees to grasp the practical aspects of Kotlin, fostering a deeper understanding of it. Overall, the event successfully merged theoretical insights with practical applications, leaving participants with a heightened awareness and enthusiasm for the dynamic landscape of Android development, and boosted their confidence, empowering them to continue advancing in this field.
