

KKR&KSR Institute of Technology and Sciences Vinjanampadu, Guntur, Andhra Pradesh-522017

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Accredited with "A" Grade by NAAC & NBA Accreditation Status for 4 UG (CSE, ECE, EEE, ME) Programs

Organized A Ten Day workshop on "Google Filebase" by Gagan APP,Bengaluru

About the workshop:

Google Firebase is a cloud-based platform that provides developers with a variety of tools and services for building and deploying mobile and web applications.

Webinar Google Firebase is a webinar that focuses on educating developers on how to use Firebase to build, deploy, and manage their applications. During the webinar, Google Firebase experts may cover a variety of topics, including:

- An introduction to Firebase and its features
- Firebase authentication and authorization
- Firebase Realtime Database and Cloud Firestore
- Firebase Cloud Functions
- Firebase Hosting
- Firebase Analytics and Crashlytics

The webinar may also include live demonstrations and interactive Q&A sessions where participants can ask questions and receive answers from the experts. Overall, the webinar is an opportunity for developers to learn more about Firebase and how to use it to build high-quality, scalable applications.

About the Chief Guest:

Sudhir (Gagan apps CEO)

1. Objectives of the Event:

There are several objectives of learning Google Firebase, which include:

Building scalable and high-quality applications: One of the primary objectives of learning Google Firebase is to build scalable and high-quality applications. Firebase provides developers with a variety of tools and services that make it easy to build, deploy, and manage applications.

Improving user experience: Firebase also provides tools for improving the user experience of an application. This includes features like real-time database, cloud messaging, and hosting.

Enhancing application security: Security is a critical aspect of application development, and Firebase provides tools for enhancing application security. This includes features like authentication and authorization.

Increasing developer productivity: Firebase is designed to increase developer productivity by providing a simple and intuitive interface for managing the entire development process.

Accessing rich data insights: Firebase Analytics provides developers with rich data insights into how users are interacting with their application. This information can be used to make informed decisions about how to improve the application.

Lowering development costs: Firebase is a cloud-based platform that eliminates the need for developers to manage their own infrastructure. This can help lower development costs and improve the overall efficiency of the development process.

Overall, learning Google Firebase can help developers build better applications that are more scalable, secure, and user-friendly, while also reducing development costs and improving developer productivity.

2. Venue of the Event:

The event is organized on campus and conducted by KKR & KSR Institute of Technology and Sciences, Vinjanampadu, Guntur, Andhra Pradesh in association with SPARK

3. Date & Time of the Event: The Event is organized **17th September To 26th September,2022.**

4. No. of students participated: 210

5. No. of faculties participated: 7

6. Event photographs.

KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

Welcome to
**A TEN-DAY WORKSHOP ON GOOGLE
FIREBASE**

17-09-2022 to 26-09-2022

Organised by CSE - Data Science

In Association with Gagan APPS, Bangalore





7. Benefits in terms of learning/Skill/Knowledge obtained.

Learning Google Firebase can provide several benefits for developers, including:

Faster development time: Firebase provides pre-built tools and features, which can significantly reduce the time it takes to develop an application. Developers can focus on building unique features, rather than spending time on infrastructure and backend development.

Reduced development costs: Firebase is a cloud-based platform that eliminates the need for developers to manage their own infrastructure, reducing development costs and improving efficiency.

Scalability: Firebase is designed to be highly scalable, making it suitable for applications of any size. As the application grows, Firebase can handle the increased traffic and data storage requirements.

Real-time updates: Firebase provides real-time updates, which allows for immediate changes to be reflected in the application. This can provide a better user experience and reduce the need for manual updates.

Improved security: Firebase provides authentication and authorization features, ensuring that only authorized users can access the application. It also provides secure data storage and communication between the client and server.

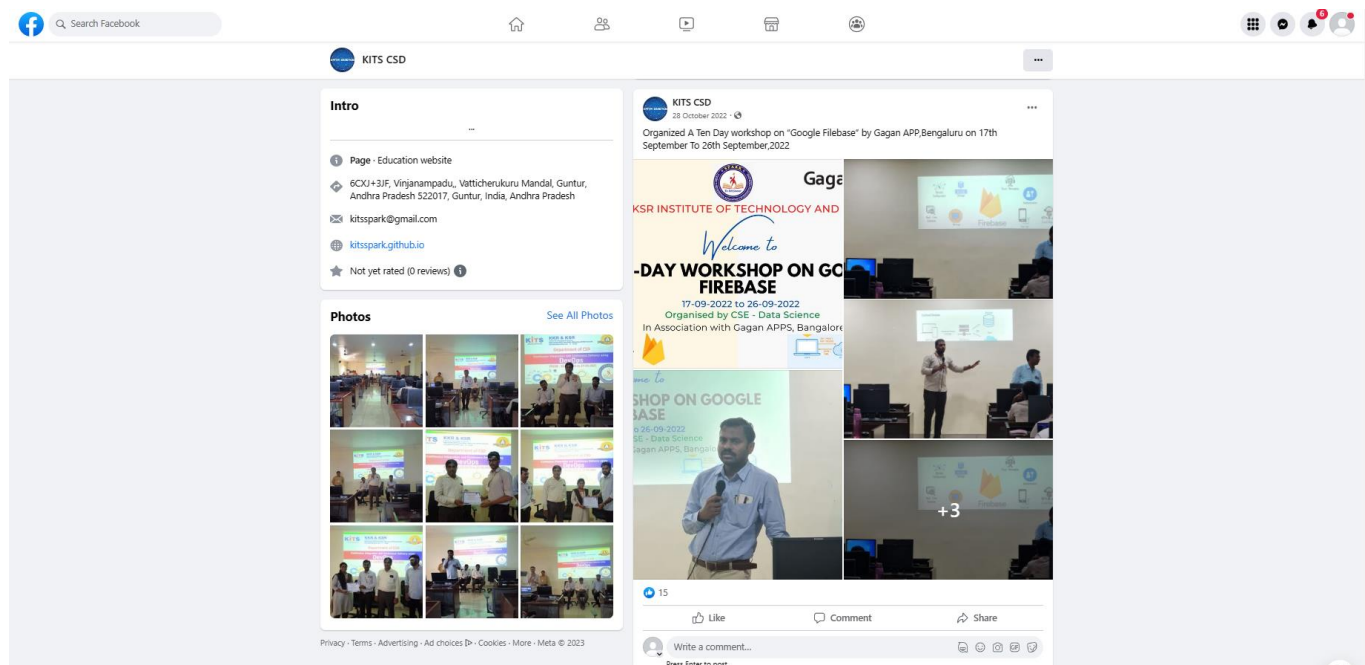
Analytics and insights: Firebase Analytics provides developers with rich data insights into how users are interacting with their application. This information can be used to make informed decisions about how to improve the application.

Cross-platform support: Firebase supports both Android and iOS platforms, allowing developers to build applications that work seamlessly across both.

Overall, learning Google Firebase can provide developers with the tools and resources they need to build high-quality, scalable applications with improved user experience, security, and analytics capabilities

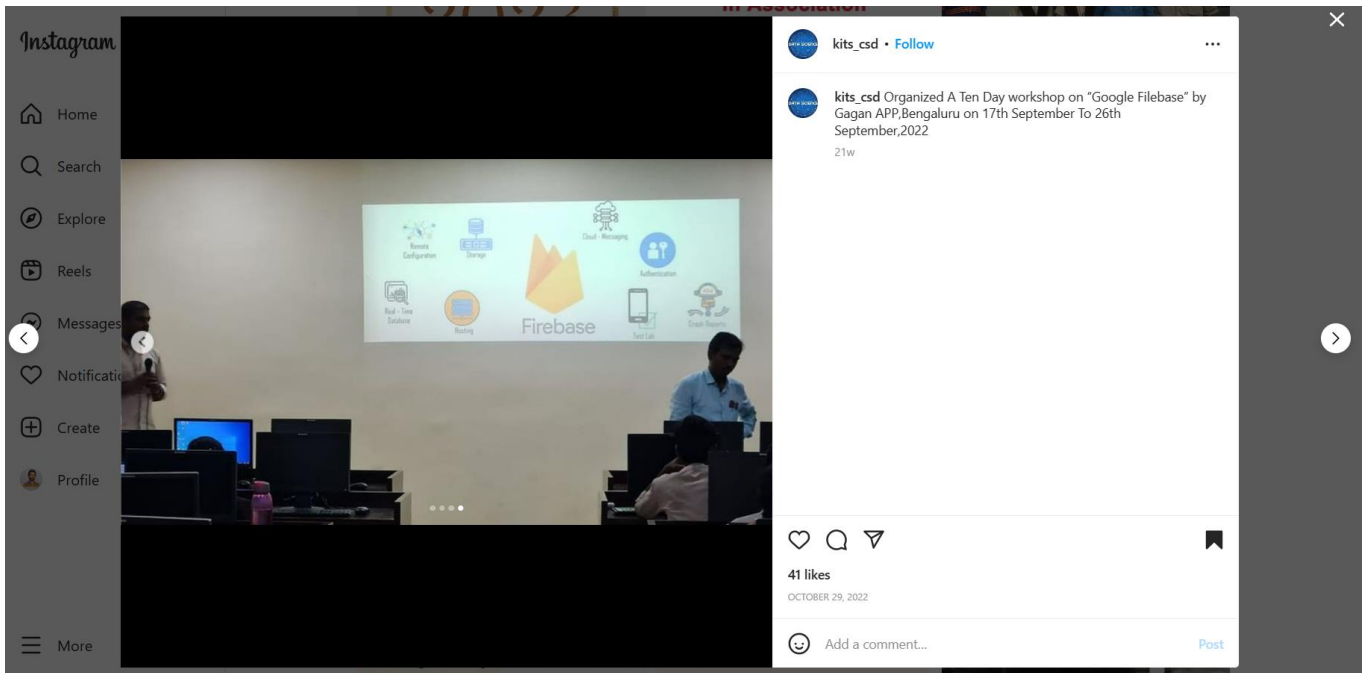
8. Promotion of the Event on the Social Media Website: (Link and Screenshot):

[\(6\) KITS CSD | Guntur | Facebook](#)



9. Event on the University/college :(Link and Screenshot)

[KITS_CSD \(@kits_csd\) • Instagram photos and videos](#)



10. Expenditure Amount (If any): Nil

11. Remarks: The webinar is organized smoothly with practical orientation.

12. Experiences and Output of the Session

Learning Google Firebase can lead to several outcomes, depending on the extent and depth of your learning. Here are some potential outcomes:

Building real-time apps: Firebase offers real-time database solutions that allow developers to build apps that update data in real-time. With Firebase, you can build apps such as chat apps, live-tracking apps, and more.

Serverless development: Firebase offers serverless computing through its Functions service. With Firebase Functions, developers can run backend code without managing servers, allowing for quicker and more cost-effective app development.

Authentication and authorization: Firebase provides several authentication and authorization options that allow developers to manage users, secure data, and control access to resources.

Cloud storage: Firebase offers cloud storage solutions for app data, allowing developers to store and retrieve data from the cloud.

Analytics and performance monitoring: Firebase provides tools for app analytics and performance monitoring, which can help developers understand how their apps are being used and identify areas for improvement.

Cross-platform development: Firebase supports cross-platform development for iOS, Android, and web apps, making it easy for developers to build apps that work seamlessly across multiple platforms