



MADRAS INSTITUTE OF TECHNOLOGY



COMPUTER SOCIETY OF MIT

CARTE BLANCHE'17

GOOGLE FIREBASE & ANDROID WORKSHOP

DATE: 17/02/17

TIME: 9:30am – 4:30 pm

COST-750/- Per Head

The workshop is designed by an expert professional who has experience designing mobile apps backed by Google's Firebase. It is designed to make the participants ease into the world of mobile development. Android being the most popular mobile platform in India, the power of Firebase is best demonstrated through developing simple Android apps. With Firebase becoming the favourite serverless choice for mobile developers, budding engineers and aspiring students will cherish the workshop.

COURSE CONTENT:

- ✚ Tech industry landscape
- ✚ Introduction to Firebase
- ✚ Fundamentals of Android development (Live development demo)
 - Dev environment setup
 - Creating an Android project
 - Activity lifecycle
 - Linear layout vs Relative layout
 - Handling events
 - Navigating to other screens
 - Connecting to the Internet
- ✚ Firebase backend services (Live development demo)
 - Realtime database

- Authentication
- Storage
- Hosting
- ✚ Growing and Earning through Firebase
 - Analytics
 - Dynamic links
 - Invites
 - Notifications
 - Ads
- ✚ Publishing the app into Play Store (Live)

*The participants will witness the development of a simple chat app using
Firebase.*

TAKE AWAY (KITS/STUDY MATERIALS):

- ❖ Students with individual Carte Blanche'17 certificate.

CARTE BLANCHE