



Manasa Trust (R.)

Kateel Ashok Pai  
Memorial College

ಕಟೀಲ್ ಅಶೋಕ್ ಪೈ  
ಸ್ಮಾರಕ ಕಾಲೇಜು

(Affiliated to Kuvempu University and Recognized by the Government of Karnataka)

## Department of Bachelor of Computer Applications

### Kalpana Science Club

### One Day Workshop on Android Application Development

Date: 04-01-2024

Time: 11.00 am to 12.00 pm

Venue: Bahumukhi Sabhangana, KAPMC,

**Resource Person: Mr. Arun Kumar K L, Assistant Professor, JNN College of engineering, shimogga**

The Department of Computer Applications successfully conducted a **One Day Workshop on Android Application Development** on 04th January 2024, with **Mr. Arun Kumar K L**, Assistant Professor from JNN College of Engineering, Shimoga serving as the resource person. The workshop engaged **65 BCA students** along with 8 faculty members in hands-on learning of mobile app development.

**Mr. Arun Kumar K L** delivered comprehensive sessions covering **Android Studio setup, XML layouts, Java/Kotlin programming, activities lifecycle, intents, SQLite database integration, and APK generation**. Participants developed a functional **"Student Attendance Tracker" app** featuring login screen, SQLite database, list views, and notifications during the practical session.

The workshop structure included **theory (40%), hands-on coding (50%), and debugging sessions (10%)**. Students successfully created their first Android app, gaining practical experience in UI design, event handling, data persistence, and app deployment. Live demonstrations of **Material Design principles, RecyclerView implementation, and Firebase integration** were particularly impactful.

The workshop concluded with certificate distribution and APK showcase. **Mr. Arun Kumar K L's** practical teaching methodology transformed theoretical knowledge into working applications. The department plans to organize **advanced Android workshops** (Firebase, APIs) in upcoming semesters.



*Sandhyakavitha*

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