



## **ANDROID APP DEVELOPMENT WORKSHOP**

(Two days hands on workshop)

Android App Development a Two Day Hands on Workshop Being Organized By Skill Development Cell SB SDC- SB Conducted.

Conducted on	: June 17 and 18 <sup>th</sup> 2022.
Duration	: 2 day workshop
Mode of Training	: Offline, Hands on workshop
Registration Fees	: 450 Per Participant
Total Number of Participants	: 115 STUDENTS
Resource Person	: RAJIV KUMAR DASARI , Sr Android Developer, National Informatics Centre

### **PROGRAM SCHEDULE**

#### **Day1: (June 17<sup>th</sup> 2022)**

##### **Morning Session:**

- Introduction to Android technology
- Features of Android
- Languages used to develop Android Native Apps
  - Java,
  - Kotlin
- Activity Life Cycle of the Application
- Introduction to Android Studio (IDE) Android app development environment.
- Development theory discussion.



**Afternoon Session:**

Creating new project in Android studio  
Making Android mobiles into Developer Mode  
Create “Hello World!” program and deploying into mobiles for output  
In-depth into development  
Activity  
Intents  
Click Listeners  
Views  
Layouts  
Q & A Session

**Day 2: (June 18<sup>th</sup> 2022).**

**Morning Session:**

Text To Speech Application  
Send SMS  
Encryption and Decryption of text  
Toast

**Afternoon Session:**

Speech To Text  
Command recognition  
Camera- Click Images  
Gallery – Select Images to send

**Final session:**

Quiz to students who participated in two day workshop  
Future scope in Android Development.



**Conclusion:**

Principal Dr. J. Praveen and Director Dr. J.N. Murthy interacted with the resource person Dasari Rajiv Kumar and the participants on both days and appreciated their work. Since the market demand is so huge for App developers they suggested taking advanced training and mastering app development at the professional level. Advanced training gives immense chances to students for better employment. They admired the Study body of SDC and SDC incharge Dr.G.S.Bapi Raju for successfully conducting this 2-day event and the nature in which it is designed and executed. CSE, IT, and AIML faculty and HODs visited the workshop and observed the work done by the students.

Workshop event photos are available at : <https://www.grietsdc.in/sdcsb.html>

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