GOVERNMENT POLYTECHNIC, AHMEDABAD
COMPUTER ENGINEERING DEPARTMENT

Workshop on Android Application Development

Industry Name/ Expert Name:	BrainyBeam Technologies Pvt. Ltd. Mr. Sagar Khatri, Sr. Developer
Date & Time :	7th October 2023
Venue / Platform :	Room No. 10212, Computer Department
No. of Participants:	64
Event Coordinator:	Mr. V.N.Soni, Lecturer

Objective of the Event:

- The main objective of this workshop is to learn students about Mobile application development using android and make them capable to create application by their own and upload in play store.

Contents to be covered:

- Understanding of Various Components available in Android Application.
- Develop Android Application to demonstrate methods of Activity Life Cycle.
- Demonstrate various Layouts in android.
- Demonstrate various Widgets (TextView, EditText, Button, RadioButton, CheckBox, ImageButton, ToggleButton, TimePicker, DatePicker, ProgressBar, ImageView) to make the user-friendly GUI.
- Demonstrate event handling to perform action in Android application at run-time.
- Develop an android application to store data locally using Shared Preferences.

- Develop Android Application for local database connectivity and performing basic database operations (select, insert, update, delete) using SQLite Database.
- Publish an Android Application on Play Store.

Event Photographs:
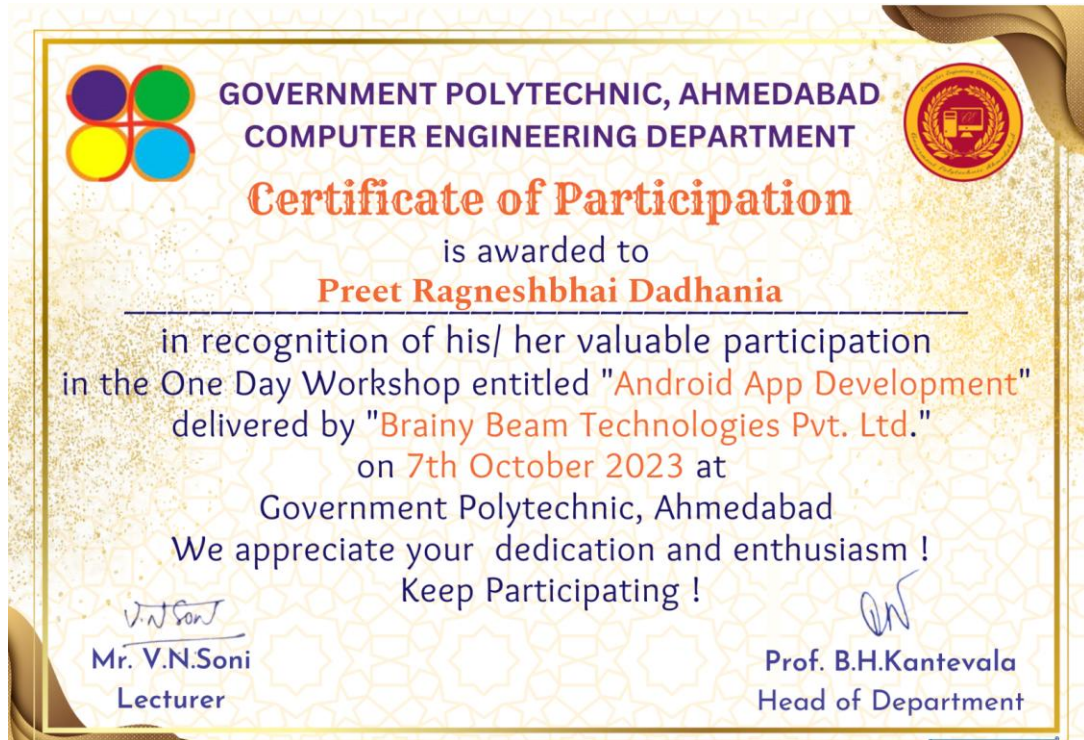

Figure: Session Photograph

Figure: Group Photograph

Figure: Participation Certificate