

**MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE, MADANAPALLE
(UGC - AUTONOMOUS)**

A Report on

Two Days Workshop on Android Development in association with Developer Weekend and Study Owl, Bengaluru on **26th & 27th April 2018**.

Organized by Entrepreneurship Development Cell

Report Submitted by Dr. R. Vara Prasad, ED Cell Coordinator and Asst. Prof Department of Management Studies.

The workshop was aimed to ignite students to take up mobile application development using Android environment. **Almost 130 students** participated from various engineering and MCA department of the institution. Only the basic knowledge of programming is required for Android App Development, participants do not have to be a geek for it! The workshop covers basics like designing layouts and building complex layouts. The duration of this workshop is for two consecutive days, with eight hours session each day in a total of sixteen hours, properly divided into theory and hand on practical sessions.

The workshop started with building the first application, and elaborating use of LOGCAT filter, use of Dalvik Debug Monitor system for debugging. The workshop also covered working with animation in Android (frame by frame and tweened animation), storing data using SQLite database (Use of SQL Querybuilder, running complex queries and running raw queries) and geocoding, Location based services, Maps API. The participants also got an overview of Network APIs and Web based APIs. The Android forum was launched where students can post their application and questions regarding Android. The workshop was very well received by the participants.

Each participating student will get Certificate of Participation.



Resource person giving instructions to the participants Active participant from the student community

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