



ANDROID APP DEVELOPMENT HACKATHON

Task

Android being a robust operating system provides you stability that has strong Linux core which helps your android application to withstand the judgement of internet traffic. Android has acquired great importance in mobile industry mostly with our Android applications developers which empowers programmers to develop an ingenious mobile application for your android smart phone.

This mainly focuses on how to use Android OS for building your own Android Application.

Arena

Day 1 (Session 1)

- *Introduction to the Android World*
- *Understanding the building environment for Android*
- *Understanding Layouts*

Day 1 (Session 2)

- *Getting familiar with activity*
- *Introduction to Intents*
- *Notifications in android*

Day 2 (Session 3)

- *Styles and themes*
- *SQLite database*

Day 2 (Session 4)

- *Competition*

Machine Specifications

Operating System: *Windows*

Design Tools: *Adobe Photoshop.*

App Development Tools: *Eclipse, Android Studio, Java-JRE.*

Database Development Tools: *SQLite.*

Event Rules

- *Prerequisite knowledge of java concepts.*
- *Team members Minimum 1 Maximum 2.*
- *Each institute/university may have one or more teams.*
- *The participants should not leave the competition during the competition time. Otherwise the team will be disqualified.*
- *Any team attempting to communicate with another team, to tamper with the machines, or disrupt the competition environment in any way will be disqualified.*



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- *Only machines provided by the organizers are allowed.*
- *Bring your own laptops devices (optional).*

Judging Criteria

Quality of Content: *All the entries would be judged on the basis of relevancy of content, their Accuracy, grammatical Correctness, conciseness and originality.*

Design Quality: *All the entries would also be subjected to yardstick of attractive appearance, style consistency, effectiveness of links used for toggling across the activities of app, appropriate use of multimedia contents and animation features and responsiveness of the app.*

The app developed and submitted should be strictly in accordance with the one the aforesaid Arena.

Functional Quality: *Compatibility to various versions, relevant modules that serve the intended purpose and easy to use and adaptable by the user would be the key functionality measure while judging the entries.*

Provisions at Competition Site

- *At least as many systems as the number of participating teams should be available with all the machine specification well configured in it.*
- *Internet connection, an email address for receiving the participant's final submission should be available.*
- *Power back up, sufficient laptop charging points, network cables etc should be made available as and when required.*

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