

# AAKASH TABLET APP CHALLENGE

## Fact Sheet

### DO YOU HAVE A WINNING IDEA FOR AN EDUCATIONAL APP?

The AAKASH Tablet App Challenge is a joint effort between IIT Bombay and IEEE to identify, develop and incubate ideas for mobile apps focused on all levels of education, including school education through the university.

**THIS IS AN OPPORTUNITY FOR YOU TO EXERCISE YOUR KNOWLEDGE, SKILLS AND CREATIVITY IN ORDER TO ENHANCE THE EDUCATION OF OTHER STUDENTS.**

**By Participating in the AAKASH Tablet App Challenge you will:**

- Learn how to apply engineering and business knowledge and expertise in order to develop a useful app and potentially see it employed on the AAKASH Tablet
- Gain critical teamwork and multi-disciplinary skill sets that are transferrable to the engineering workplace and provide you with a competitive advantage
- Contribute to the educational process by developing an app that benefits current and future students
- Receive an IEEE Certificate and earn a chance to win various prizes and awards

### ENTRY REQUIREMENTS:

To participate in the AAKASH Tablet App Challenge, student teams must submit a proposal in addition to the app code.

**The App Proposal must contain the following items:**

- **Lead proposer:** Include name, address, phone number, e-mail address, field of major, year of study, institution name & address, student ID and IEEE member ID (if applicable).
- **Team members:** For each member, please provide names, e-mail addresses, fields of major, year of study institution name & address, and student ID.
- **App Title:** The name of your proposed app.
- **App Description:** Please provide one paragraph summary that describes the overall intent of this app.
- **App Objective and Motive:** Describe why you made this app, your purpose and your goals/objectives and expected outcomes?
- **Target Audience:** Who is the intended audience? University students? School education students? Teachers? Professors? Parents?
- **Describe the main features and functionality of the App?** You can include screen shots in the description.
- **Advantages and Values?** What are the advantages of your app. What value will it bring to users?
- **Other Considerations:** Please include any other information you wish to be considered when evaluating your app.

- **Supporting Materials:** User manual, installation instructions and Open Source declaration form.
- **Note:** All Apps submitted must be Open Source.

**PLEASE SEE INSTRUCTIONS BELOW FOR SUBMISSION OF THE DOCUMENTATION AND THE SOURCE CODE.**

## **ELIGIBILITY:**

- All students in IEEE Region 10 are eligible to participate
- Teams must have a minimum of two (2) members and a maximum of five (5)
- At least one team member must be an IEEE student member (For more information go to: [http://www.ieee.org/membership\\_services/membership/join/index.html](http://www.ieee.org/membership_services/membership/join/index.html))
- All team members must be currently enrolled students from the same institution

## **APP TOPICS:**

The AAKASH was launched by the Indian Government to serve as an “affordable” tablet to empower engineering teachers and students. Applications and content on the Aakash are “Open Source” and are aimed at serving as a tool for students at all levels of their education.

Apps submitted to the challenge must address an educational issue. Topics can encompass the entire educational spectrum from schools to universities, from vocational training to professional studies, from students to teachers to professors, to study and teaching aids and to education for practitioners and career awareness.

***Where do you see an education gap that needs to be addressed or an opportunity to create something new? Your app can make a difference.***

## **QUALIFYING CRITERIA**

1. Application must be an Android app
2. It must address an educational issue as described above
3. Source code and all application files including resource files must be complete and uploaded
4. Documentation at a minimum must contain a user manual, installation instructions and Open Source declaration form.
5. Source code and documentation each should not exceed 10-15 MB each
6. Submissions must be made by the deadline specified

## **JUDGING CRITERIA**

Submitted entries will be judged in five areas: Originality of idea/concept; Richness of Functionality; Usability; Creativity in Design and Completeness of Documentation

## **TO SUBMIT A COMPLETED ENTRY:**

Upload your application and related documents in PDF format

Entries should be submitted to: <http://aakashtabchallenge.fluidreview.com>

## **TIMELINE:**

- **Submissions accepted from 12 Aug through 15 November 2013.**
- **Judging to take place from 16 Nov through 13 Dec 2013**
- **Final Notifications will be sent on or around 20 December 2013.**

## **Aakash Documentation and Source Code Submission**

Only the team leader should submit the project documentation. All the team members will get a notification of successful submission through email.

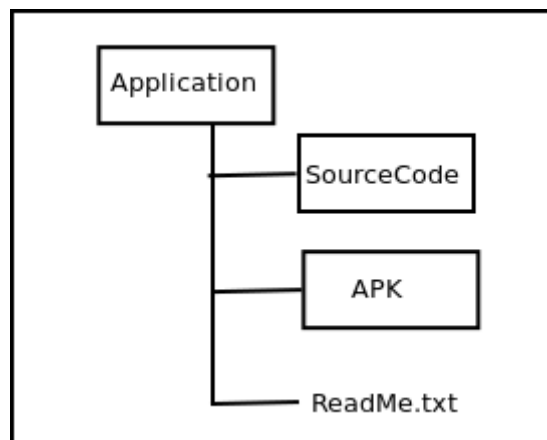
The submission must be done in **".zip"** file format.

### **Instructions for submission:**

#### **1) Source Code:**

It contains the application itself.

Make a directory called **"Application"**. This directory will contain two sub directories and a readme file.



- **SourceCode** – This directory will contain source code of your application. For e.g. java, xml files etc.
- **APK** – This directory will contain ".apk" file of your application.
- **Readme.txt** – This is a text file which will contain detailed instructions to install and run your application.

Now zip this "Application" directory and rename it to:

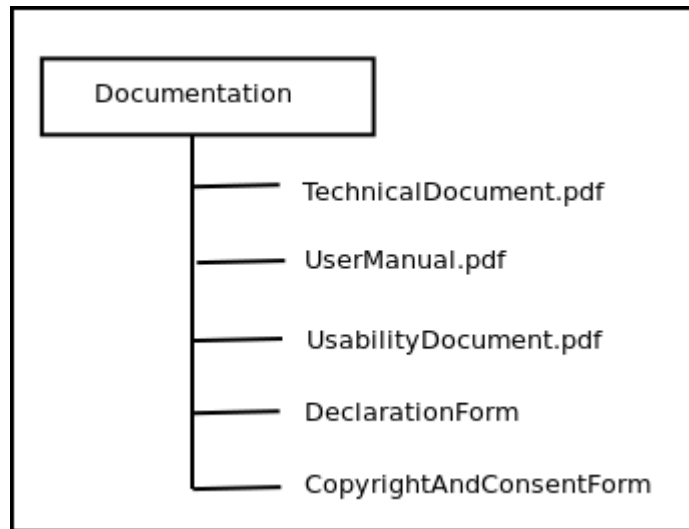
**"Team leaders emailID\_SourceCode".**

(For example is your team leader's name is **"XYZ"** whose email ID is **"xyz@gmail.com"**, then your zip file will be named as **"xyz@gmail.com\_SourceCode"**.)

## 2) **Documentation email**

Second zip file will contain **Documentation** of your project.

Create a directory named "**Documentation**" which will contain following files.



**Technical Document (Technical\_Document.pdf)** – This document will contain System Requirement Specification (SRS) and Design of your application.