

# Proposal for Android Club in Institute

November 1, 2017

## 1 Introduction

Android Club will be dedicated to improve learning in the field of android in the institute by regularly conducting various activities based on cutting edge topics in the field of Technology. It will also organize various competitions and workshops to challenge the students and keep them excited.

## 2 Motivation

Our institute is based on the field of Computer Science and Information Technology. Just keeping that in mind, the importance of Android Club becomes un-neglectable. For an institute like ours, Android club will improve the credibility of the students and help them secure better jobs and eventually a better future.

## 3 Objectives

Android Club will be responsible for the following -

1. Enriching and improving in android development in the institute.
2. Spreading awareness about the importance of development in the institute.
3. Improving development skills of students through discussions, training sessions and contests.
4. Educating and Motivating students to contribute to Open Source and be a part of a larger community

## 4 Workshops

Public workshops will be conducted at least once a semester focusing on a particular topic. The workshops can be conducted either by Android club members or other students in collaboration with Android club. The aim of workshops

will be to educate the general student population about new technologies and concepts that are becoming important in the industry.

#### **4.1 Hackathons**

Applying the knowledge is as important as gaining the knowledge and these Hackathon events gives students of engineering community to apply their knowledge for benefit of industry. Android Club will organize an annual Hackathon event which gives a platform to the students of our institute to apply their knowledge to create/develop something interesting.

#### **4.2 Open Source**

Android club will have separate sessions for open source projects. Also the Android Club will motivate the students (esp. The Freshers) to join the open source community. Discussions will be primarily based upon ongoing projects of club members and trending open source projects. “How to build?” would be the main motivation behind this. So that student gets idea about how things happen in industry.

#### **4.3 Android Club meetings**

Android club will organize meetings for its members and will discuss things like Open Source projects, latest industry trends, upcoming and rising technologies, popular android api , models etc.This will be a non-public event and only android club members will be entitled to be present at such meetings.

1. development related concepts
2. New Technologies and trends
3. Discuss what the institute programmer needs.
4. Current ongoing status of Open Source projects headed by members of club
5. A short presentation on some interesting problem solving technique (by any member).

The meetings are supposed to last from 30 to 60 minutes and it will be conducted at least once in a week.

### **5 Club’s Membership**

Android Club core members will be selected and evaluated on the basis of their skills (viz. Open Source contributions, Projects and Achievements). The top android developers from each batch will be invited to be a part of Android Club core committee.

## 5.1 Role Of Teachers in Club activity

1. Their roles will be to monitor and critically review the activities of the club. To motivate students as well as the club's core members to organize timely events.
2. They will help us in getting all the financial support demanded for legit points from the Institute
3. They will help us in getting all the permissions required for the events and activities, from the higher authorities of our Institute.
4. They will provide us with the maximum possible cooperation for managing the events in our Institute.

## 6 Cost and Infrastructure

Android Club will be involved in various types of activities as has been listed out above in the "Activities" section. The following is a brief account of the infrastructure that would be needed by the club to pursue the activities.

1. **Workshop** - Workshops will be conducted on a very frequent basis (1-3 times a semester) and we will require a free classroom with projector and whiteboard for the above. Also the room should be fully functional with all the basic amenities satisfied.
2. **Hackathons** - Hackathons will be conducted once or maximum twice in a semester. For that, we would require a significant part of campus and therefore they would be done on institute holidays. Internet access should be available at that time, and we would also require some amount of financial support.
3. **Open Source** - Alike Workshops, we will require a room with basic amenities in a functioning state.
4. **Development contest (Inter-College)** - Contest will be conducted once or twice a month. Money for prizes and certificates will be needed. Internet access should be available at that time.

## 7 Club members

### Mentors

1. Vijay Deshpande (201761003)
2. Saurabh Jain (201451069)
3. Saurabh Nitnaware (201451017)

### **Core Members**

1. Shobhit Pandey (201551055)
2. Yash Ladha (201551061)
3. Anjan Srivastava (201551048)
3. Chetanya Shrimali (20152064)
3. Smith (201651047)