

ARMY INSTITUTE OF TECHNOLOGY

Dighi Hills, Alandi Road, Pune-15

ACTIVITY REPORT OF OPEN SOURCE CLUB FOR THE YEAR OF (2015-16)

OPEN SOURCE CLUB (OSS)

Report Card of OSS club AIT:-

The open source club AIT started in the year of 2012 by P. R. Sonawane and students from computer engineering students from AIT (now headed by Prof. Anup Kadam). The idea of starting open source club in AIT was keeping in mind that, the development in mobile platform and web development in open source software. The thought should get place from global platform by contributing with them like GitHub, GSoC (Google summer of code), codechef.com, hackerrank.com, sourceforge.net, and other leading open source contribution platforms.

Short-term goal: - preparing students for competitive coding and building culture for different kind of coding approach .Which will create interest in coding and preparing them for placement as well.

Long-term goal:-Increasing the off campus placement on world platform with higher range of packages .Developing the research culture in student, so that they will apply M.Tech. and MS in India or Outside India .Building different kind of coding mindset for solving real world problem.

OSS club effort and Contribution:-

1. Forming the OSS club student groups (FE, SE and TE students) and giving them various task related with open source software like (introduction to Linux and other open source tools).
2. Third year student will be mentor to FE and SE students by conducting various classes like "Web-Development", "Android-Development", "Git and GitHub", "Python", " JavaScript", "Machine Learning/Deep Learning".
3. Apart from these topics, students are prepared for grand events like Hackathon and GSoC, codechef.com, hackerrank.com, sourceforge.net, and other leading open source contribution platforms.

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4. There are other many activity done by OSS club, which will encourage students and promote them by representing themselves on global platform (preparing them for Hackathon naming INNERV).

Achievements in the year of 2015-2016 :-

1. Winner of the first Digital Hackathon 2015

(no subject) - anupka x Inclusive Innovations x Dreaming Smart x Dreaming Smart x CampusERP | Dashboard x Drafting of letter by x + - x

https://i4c.in/site/pastEventsDPH2015

Inter Institutional Inclusive Innovations Centre
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Top Rated innovations

Winner of Digital Pune Hackathon 2015

Innovators: Team AQUA from Army Institute of Technology, Pune

1. Arjita Shukla	2. Diwakar Shukla	3. Pridhvi Krishna
4. Neeraj Lohia	5. Saahil Jha	6. Swastik Shrivastava

Problem as identified by Pune Municipal Corporation:
91% of houses have water-supply connection, the distribution of water in the various houses is highly disproportionate. Due to the disparity in the distribution of water, households get different amount of water. Hence, a smart solution is required for equality in distribution of water. Also the water Leakage detection system is very weak and detection and repair takes lot of time. Smart solution that detects leakage even faster

Solution: Smart Water Distribution & Leakage System
There are 3 parts:

- Main Server
- Web-based Application
- Cross-Platform Application

Image Glimpse of DPH 2015

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2. Conducted National level Hackathon At AIT

