# Report on Hackinfinity-2017

Abhinav Kumar

06-0147-2014

The National level event organized by DAIICT , Gandhinagar for two days i.e. 11-12 November.

Hacking infinity was an initiative by some geeks at DA-IICT to gather students who were enthusiastic to experiment and create unique software or hardware projects from scratch. In that event they were providing teams an opportunity to make something great in only 28 hours by giving them access to resources such as mentors, sponsors and hardware components.

On 11 November, Saturday 10:30 am we reached venue and registered ourselves on the registration desk. After the registration got completed we had breakfast and then we went for team building where we have to form a team for Hackathon consisting of maximum 5 members and minimum 3 members.

At 11 am, the theme of the Hackathon was announced. The participants were informed of the code of conduct and necessary rules to be followed during the above event.

After the announcement of theme there was also technical discussion where some excellent lectures were presented by well experts in the domain of agriculture allied sectors and its collaboration with Information technology.

At noon, a bunch of fabulous presentations were given by Dr. Shashikant sharma, Dr Nitant from SAC, Ahmedabad and T B Arora from Mozilla, ESRI after that we had a lunch break for an hour.

At sharp 2 pm hacking was started in which they have given some of the problems in the sector of agriculture and its possible solution for the same. The problem statements were agriculture production and management, agricultural marketing, pest and disease management, soil fertility management etc.

By taking into consideration of technical support and raw data for the Hackathon following platforms have been provided in the hackathon:

1. Visualization of Earth Observation Data and Archival System (VEDAS)

2. The meteorological and Oceanographic Satellite Data Archival Centre (MOSDAC)

3. Mozilla

4. Environmental Systems Research Institute (ESRI)

At 2:30 pm we went for lunch meanwhile hackathon continued. After lunch a technical presentation was given by T B ARORA from MOZILLA Delhi on Virtual Reality. My team number was 16 and our topic was Agricultural marketing, we also started hacking our first evaluation was conducted at 5 pm where we elaborated or idea to the mentor committee and discussed regarding the problems we targeted. At 6 pm one of the an alumni from DAIICT who is currently working as a CEO of company had delivered his journey through struggle and motivate us meanwhile hackathon continued so that hackers did not get bored. As a part of refreshment a wonderful arrangement of high tea and coffee along with cookies was provided during the entire hacakthon.

Till 8 pm we had successfully completed our one module and then we had a delicious dinner break for 1 hour and we all were requested remain present and continue hackathon even after dinner also by management committee. so we reached there after having a dinner and continued hacking. At midnight a real time quiz was conducted that was so amazing and cool hour because they provided some goodies and swags to the top five winners. Three quizzes were conducted by Avinash Agnihotri a person from facebook.

Hakathon continued whole night. I went for sleep at 3:30 am after completing my work. Accommodation was given to all participants. A big hall was provided to sleep with one mattress and one blanket per person. After having 4 hour sleep I woke up at 7:00 am morning. After having refreshment I went for breakfast where hackathon was still continued. I also started my remaining work. At 10:45 am second evaluation team came for evaluation. I explained my idea and progress and progress in the work.

At 11:00 am a presentation was given by a mentor from Amazon Alexa. The presentation continued till 12:30 pm. After presentation we were given a RedBull as drink for refreshment. After refreshment I went for lunch. A delicious lunch was provided by management committee. After having lunch I went for hacking in the hall where hacking was going on.

At 3:00 pm announcement was made about submission of project. Five things need to be submitted.

* Project description
* Project video
* Relation with agriculture
* Team description.
* Provide link for these.

At 5:00 pm we completed our work and submitted the project.

After that we were told to move outside the hall for section of top 10 teams.

Top 10 teams were selected and they were told to give presentation in front of judges.

All top 10 team presented their project. After that winners were declared.

We returned to Anand by bus at 11:30 pm.