

Report on National Level Hackathon "DOTSLASH - Root to Ideas"

Association for Harnessing Innovation & Entrepreneurship (ASHINE) conducted 2nd National level Hackathon "DOTSLASH - Root to Ideas", a 30 hours long event during 2-3 February, 2019 with the aim to challenge the students to think out-of-the-box and offer innovative, disruptive and sustainable solutions to build smart applications which would help address major real world problems of our society.

The event was organized at NCRC-6th floor, SNVIT. Out of 142 shortlisted participants, 102 participants turned up for the event. The event started with the opening ceremony in the presence of Dr. S.R. Gandhi, Director, Dr. Jyotirmay Banerjee, In-charge of Research Park and Dr. H.K. Dave, Event Coordinator, DotSlash, The technical themes for the hackathon were:

- E- Governance
- Smart City
- Healthcare
- Education
- Rural Solutions
- Retail
- Fintech
- Tourism
- Social Cause
- Entertainment

During the hackathon, participants were provided with the facilities including 48 hours available network support, uninterrupted power supply, non-stop Air Conditioning at the venue. Breakfast, lunch and dinner were made available for the participants for two days including drinking water and other refreshments (tea, coffee, biscuits, etc.). Accommodation facilities were provided at the same floor for boys and girls participants separately. Various other informal activities were conducted in between to allow the participants to take a quality break from their work and feel refreshed. One separate room was set up near the working area where participants could play games like Fifa, Pubg etc. Also, participants interacted with the mentors, judges and most importantly, with each other. There were individuals who went from being strangers to working together over 30 hours and producing a demonstrable project.

The event was sponsored by the following firms in form of mentors, gifts, tshirts:

- Devfolio
- JetBrains
- Bugsee
- Matic
- .TechDomains
- CloudSploit
- Monday

- BackBuckle
- Zujo
- AasaanJobs

We also had a panel of judges to help with the arduous task of choosing the winners. A discussion was held among the judges on 2nd February in the evening where they interacted with the participants and talked about their experiences. The judges were:

(i) SUPRIYA SRIVATSA

Engineer, speaker and a hackathon veteran, Supriya loves to "build stuff", breathing life into ideas. An engineer at Motorq, she works on building highly scalable systems. She loves to explore and tinker with new technologies and is super fond of passionate tech discussions.

(ii) PRITAM BARAL

A seasoned hacker, Pritam has worked across the industry as a freelancer for seven years. Before dropping out of IIT Bombay, he'd worked on the campus network, an MMO game, the Linux kernel, and helped startups grow. He's since hacked on the control plane at a telecom network, built an industrial IoT solution, and currently leads a small software team.

(iii) ASHISH RAJPUROHIT

Having gained Bachelor's degree in Computer Science, Ashish Rajpurohit worked with Django web apps and TCP based stuff as a software engineer at Melvault for about a year. He is currently working at Matic Network trying to push blockchain scalability and adoption forward.

(iv) PRATIK DESAI

Pratik Desai, an active innovator is the founder of Titodi. He acquired his doctorate in hot topics like machine learning and IoT from Wright State University and started his journey tinkering with ideas. Being a prominent part of the founding teams at Imbue Inc., Open Source Internet of Things, WeekendLabs and many more he has worked his way up the hierarchy breaking through challenges in various sphere of technology.

Phase-1 evaluation started at 11:00am on 3rd February, where all the participants discussed their ideas with the judges who evaluated their projects. They were given few more hours before the second evaluation round to improve and refine their projects. Out of 66 projects (46 teams + 20 individuals), 7 were shortlisted for the presentation and each team was given 10 minutes to demonstrate their project.

Winners were declared and awarded by the judges and finally in the closing ceremony, Dr. H.K. Dave thanked all the mentors and participants for their time, efforts and dedication throughout the event. Certificates were distributed to the winners and all the participants. The winners of the event were:

1) Team Pheonix (SVNIT, Surat)

Project: **CrawlVid**

CrawlVid is a Transcript based search chrome extension for YouTube videos in real time, Having features like Term based Query, Sentiment analysis, and Summary of video. This could be beneficial to skip to a particular topic. To analyse product reviews, and to summarise hour long videos.

2) Team DobarMatPuchnaa (SVNIT, Surat)

Project: **Voice Assistant**

A *voice assistant* specifically aiming towards aiding the visually impaired. This system is used to help the visually impaired to have access to the most important features enhancing their living conditions making use of different custom layouts and using speech to text. More specifically, the system is a chat bot having features solely dedicated towards development of the visually impaired.

3) Team Probability (K. J. Somaiya College of Engineering)

Project: **Safely Reached**

Google Maps have changed the scope of navigation, it gives us the fastest route to a destination but it doesn't make sure that it is the safest route to reach your destination. Safely reached considers all the possible routes and gives you the shortest but also the SAFEST route for your journey. The **safest route** is chosen on the basis of the liveliness on a particular street like open restaurants, pharmacies, petrol pumps, hospitals etc. If it not possible to find a route with optimum level of safety there is an option to send an SOS alert to their close ones.

- Ethereum track Winner:

Team Kryptic Indians (D. J. Sanghvi College of Engineering)

Here is a glimpse of DotSlash 2.0.

