Activities in Academic years 2017 and 2018

2017-18

IBM Watson Hackathon - April '17

- IBM Watson framework enables cognitive computing features in applications using Language, Vision, Speech and Data APIs. As part of IBM-SUR (Shared University Research), IBM Watson Hackathon was conducted in April 2017.
- Students were asked to form teams and conceptualize projects by using IBM Watson APIs. In total prizes worth 20K along with special T-shirts were distributed to winning teams, Projects like application for Voice Mail for visually impaired, Twitter for visually impaired, Criminal detector through image recognition, Multi-language System, Diet Planner were implemented.
- Presentations were judged by Mr. Girish Chafle, (Architect – IBM Hybrid Cloud Division) and experts from Persistent Systems. Winners were team of Shubham Shah, Shubham Saxena, Hardik Shah from 3rd year, 1st runners up were team of Rahul Khandelwal, Atharva Moroney, Harshada Kumbhare from 3rd and final year and 2nd runners up were team of Anshul pardhi, Bala Nadar, Shubham Sharma from final year.

Session on Google Summer of Code (GSoC) - September '17

- An Introductory session was organised for Google Summer of Code enthusiasts . The speakers for this program were Mr. Darshan Kadu (MEC) and MR. Janak Chaddha (EEE) who cracked GSoC '17.
- They explained their projects briefly, gave information about their respective organizations. The procedure of applying for GSoC and how to do preparation and many other important questions were addressed by the speakers

Ubuntu Installation Drive -   August '17

- The Ubuntu Installation Drive was organized for VNIT students on the The ACM committee members taught them how to install ubuntu in their own systems.
- With step by step procedure and proper explanation for , the students were able to understand everything.
- Finally they had ubuntu installed in their laptops.
- Some exceptions, because of their laptop specifications, had to be dealt separately.

Coding Contests- January '17 to February '18

- Every month coding contests are conducted to familiarise students with online coding environment and to assess their programming skills based on the concepts covered in class.

- Contest duration ranged from three hours to week long sometimes. We receive overwhelming response as more than 100 VNIT students actively participate tn each of our contests. The solutions of the contest problems are discussed later with the participants.

Competitive Meets - February '18

- As an initiative to promote competitive coding culture amongst students, with the help of some final years, ACM Committee members took classes on topics like Convex hull, dynamic programming, etc.
- The main objective of these sessions was to cover topics which aren't taught in class. Good response was was received for these weekly sessions.

2018

Introduction to computer programming

- **In association with the mentors of CSE dept., we conducted sessions on computer programming in C for freshmen.**

Coding Competitions

- **To promote coding culture in our college.**

- **To familiarize them with the internship screening test and procedure.**

- **Contests conducted-**

  - **Codepool**

  - **La casa de codigo**

  - **Codewars**

  - **Code-cappuccino**

Sessions conducted

GIT

- Procedure to use Version control system.

- Assignments given to familiarize with Git commands.

REGEX

- Introduction to regular expressions.

- Practice on regexone.com

Google Summer of Code

- An Introductory session was organised for Google Summer of Code enthusiasts . The speakers for this program were Abhishek Gautam and Kranti Wadhai who had cracked GSoC '18.
- They explained the procedure for applying and how to interact with companies and all such information required to crack GSoC
- They explained their projects briefly, gave information about their respective organizations via the means of a Powerpoint presentation.

Assignments and Projects

- Assignment on Git where students were given small tasks.
- Campus Feed Project given to 2nd year students.
- Web development competition- 2 teams selected to create the new ACM Student chapter, VNIT site.
- Assignment on Machine Learning specifying resources required to get started with it.

Next steps

- **Guest Lectures:**
  - **Competitive programming and internship interview prep**
  - **Introduction to different fields of computer science by VNIT alumni.**

- **Long Contest**

THANK YOU