Hackathon (HackVSIT-2022)

4th Edition

(Hybrid Mode-Online+Offline)



Vivekananda School of Information Technology (VSIT), VIPS organized 4th Edition of 24-hour Hackathon (HackVSIT 2022) from 1st October to 2nd October 2022. The events received tremendous response in terms of participation (**witnessed a 250% increase in applications**) from various National and International institutions of repute. Institutes from various countries like **Canada, USA and Nepal** participated in online mode. National Institutes from various **states such as Delhi, Uttar Pradesh, Rajasthan, Haryana, Punjab, Madhya Pradesh, Karnataka** participated in both online and offline modes. Many Universities and Colleges of repute such as **DTU, IGDTU, MAIT from Delhi and Haryana, BVP, JIIT, TIPS, MITS, Chitkara University, JSS Academy, Galgotia University, CCS University** participated in

offline mode. The event received **registrations of more than 128 (58 teams offline-166 students) teams catering to around 600+ students**, out of which only 7 teams were selected as finalsist after a day long event on the basis of final product submitted in different tracks. The participants were provided with extremely vast themes in which they were able to showcase the best of their creativity. Themes were: Sustainable Development Goals, Animal Welfare, Women Safety, Open Innovation, Health and Education. The **prize pool was of worth 35+ lakhs. The event partner MLH (Major League Hacking) distributed special prizes to the deserving teams under different categories.**

DAY I



Welcome Address by Dr. Supriya Madan, Dean, VSIT

The event started with an inauguration ceremony in which the participants were first addressed by *Prof. Dr.Supriya Madan, Dean, VSIT*. She welcomed all the dignitaries; the guest of honor, **Mr. Vishal Khanna, Deputy Director of the Federation of Indian Chambers of Commerce and Industry, Ms. Deepali Singhal, Vice President of the Royal Bank of Scotland, Ms. Sashrika Kaur, software engineer at Microsoft and coach at Major League Hacking**. She expressed her gratitude to all mentors, sponsors, and judges. An overview of HackVSIT was given. She appreciated ACE coordinators and the committee and mentioned how the day is even prominent since the 5G launch in India was happening on the same day. She concluded

the address by cherishing Team ACE, especially the batch of graduated students who have been working tirelessly over the past few months to make HackVSIT 4.0 happen.



Felicitation by Mr. Ashwani Kumar Sharma , Director General – VIPS to Mr. Vishal Khanna, Deputy Director of the Federation of Indian Chambers of Commerce and Industry



Felicitation of Ms. Deepali Singhal by Dr. Supriya Madan and Dr. Neha Goel



Felicitation of Ms. Sashrika Kaur by Dr. Neetu Goel and Dr. Shalini

After felicitation and welcome address, **ACE-President, Mr. Kirtivardhan Singh** began his address with a recap of the past 3 years which included the effects of COVID-19 and how it affected the community at ACE and healthcare in general. He also gave a briefing on hackathons before welcoming the audience and thanking the sponsors of HackVSIT 4.0, members, and **faculty coordinators of ACE Ms. Indu Sahu, Dr. Pooja Thakar, Dr. Neetu Goel, Dr. Shalini Bhartiya and Dr. Neha Goel.** It was followed by a video presentation that included wishes from community members across the world to HackVSIT 4.0 participants including but not limited to several MLH coaches around the globe and a **message from author Sumita Arora**. Mr. Kirtivardhan Singh concluded his address by wishing good luck to all the participants.



Address by ACE-President, Mr. Kirtivardhan Singh

Prof. Dr. Ashwani Kumar Sharma, Director General of VIPS-TC was invited on stage to address the audience. He welcomed all the guests and expressed his views on the effects of the COVID pandemic. He went on to elaborate on the past iterations of HackVSIT followed by a briefing on themes of HackVSIT 4.0. He summed up his speech by extending warm wishes and some motivation to the participants.



Address by Prof. Dr. Ashwani Kumar Sharma, Director General, VIPS-TC

After the address of Director General, all the guests were invited for their views and motivationg the young lot.

Ms. Sashrika Kaur started addressing the audience by congratulating the organizing team of HackVSIT 4.0, ACE, for making the event a reality. She motivated the hackers' community present there and elaborated on the initiatives taken and prizes and goodies given by MLH hackers. She concluded her speech by announcing the upcoming mini-events powered by MLH for HackVSIT and the basic Code of Conduct of MLH hackathons.



Address by Ms. Sashrika Kaur

After that, Mr. Vishal Khanna expressed his gratitude to Team ACE. He mentioned that everyone should be thankful to their parents and mentors. He made the crowd aware of the initiatives taken by the Government and informed the participants of some important web portals they should be checking constantly to be informed about Government funding dedicated to start-ups. He also addressed the importance of conflict resolution and how problems could be viewed as opportunities



Address by Mr. Vishal Khanna

After Mr. Vishal, Ms. Deepali Singhal started addressing the audience and kept it short and extended her gratitude, giving a brief glimpse on HackVSIT and some motivation to participants before summing up.

Day I ended with Vote of thanks by **Ms. Indu Sahu** wherein she presented a brief history of HackVSIT and extended her gratitude, especially to Team ACE and the participants. **The total number of applications received was 1394, out of which 444 were selected. 369 participants appeared in total: 152 offline and 217 online. there were 49 teams offline and 78 online.**

It is only due to the sponsors that the event was organized at such a grand scale. HackVSIT was sponsored MLH, Devfolio, Digitalocean, Polygon, Rabear.io, Filecoin ,Solana, Replit, Csi-computer society of india, Clerky, Taskade, Echo3d, Wolfram language, Earth hacks, Certopus and Noticebard. They also provided the teams using their themes with special prizes and assistance. MLH also provided the participants with a many category prizes. All the logistics and food was sponsored by Vivekananda Institute of Professional Studies for around 200 participants, volunteers and Faculty and Guests for complete 36 hours.

The HACTVSIT 4.0 begins





MLH Session 1: Werewolf Game



MLH Session 2: Invisible Ink





DAY II

Day 2 started with Speaker Session 2 at 00:00 hrs., Speaker Session 2 was conducted by Earth Hacks entitled "What Could Go Wrong?" on Zoom meeting. The session was headed by Jade from Earth Hacks. The session focussed on the role of tech companies in promoting sustainability and spreading awareness on how an individual could help in the same. The session also threw light on some sketchy practices of corporations that affect the planet negatively. They also conducted a group activity.



Game Sessions for Online mode

A game session was held for online participants. Set of mini games were conducted for active participantion. Fabulous swags were distributed to winners and participants. Additional swags were given to participants who shared moments from HackVSIT 4.0 on their social media handles.

A Google form was floated in Discord where online participants had to submit the link to a YouTube video that contained a demonstration of their projects. Idea evaluation of online participants was carried out internally.

Judgement Session 1 was carried out by mentors. A total of 20 teams were shortlisted by then. After Judgement Session 2, a total of 8 teams were shortlisted for project presentation were revealed, namely, Dense Eclipse, satyamm, Safeway, Virtual_Revolutionaries, Universal, BLITHE, Basic_Binary, and BitByBit in the auditorium.

Valedictory Session:

Session acknowledged the presence of eminent guests and mentors, Dr. Pawan Whig, Dean Research, VIPS, Mr. Nimit Pahwa ,General Manager, Digital Marketing at Bobble AI, Mr. Shreyans Jain, Technology Lead at Surasa, Mr. Chirag Jain , Solutions Architect at les transformations learning pvt ltd., Mr. Shitiz Aggarwal , UX designer and developer, web3 startup, Mr. Shitiz Aggarwal , UX designer and developer, working in a web3 startup, Mr. Pawan Singla, SDE-1 at Zunpulse, Mr. Srijit S Madhavan , Frontend lead at Blue sky analytics, Mr. Mihir Bagchi, Mr. Ansh Saini, Mr. Preetam Yadav, Mr. Amitesh, Mr. Jai Tomar, Mr. Lakshay Kapoor, Mr. Prateek Batra, Mr. Anmol and Mr. Shiv Kumar Singh.

Mr. Vishal Khanna and Ms. Sashrika Kaur graced the occasion on 2nd day too.

The top teams selected were invited to the project presentation.

- Team Dense Eclipse came forward first with their project named Pause. 'Pause' was a smartphone application aimed at fighting phone addiction while managing screen time in a friendly manner.
- Satyam Singh joined next with his project ParkTheCar. ParkTheCar helps users to find the nearest empty parking slot and pre-book them.
- Team Safeway presented Safe Way. Safe Way was an app that will assists drivers by incorporating an "SOS" feature, warning about the speed limit, weather prediction, latest news about destinations and nearby hospitals.
- Team Virtual_Revolutionaries came forward with AVRIT: Your Digital Amrit. AVRIT aimed at providing VR laboratories for students.

- Team Universal presented MetaTown, which solved multiple real-world problems for industrial purposes in an android app using Virtual Reality (VR), like car showrooms, restaurants, shopping complexes, etc.
- Team BLITHE presented OK start, a project aimed at improving the mental health of the masses using Machine Learning.
- Team Basic_Binary came forward with Chetna. 'Chetna' is an easy-to-use platform for disabled people with a user-friendly UI and provides interactive map-based Navigation.
- Team BitByBit came forward with EVon, which is a redefined solution for tracking and analyzing electric charging stations. They connect home chargers with users who need chargers for their EVs. While teams were showcasing their projects, they also had to answer questions from mentors and judges in the audience regarding project feasibility, sustainability, and revenue model.

Finally, the third position was secured by Team Universal. Shreyans Jain and Chirag Jain presented them with the award.



Team Dense Eclipse secured the second position; Mr. Sameer Kumar and Mr. Srijit S Madhavan joined them on stage for prize distribution.



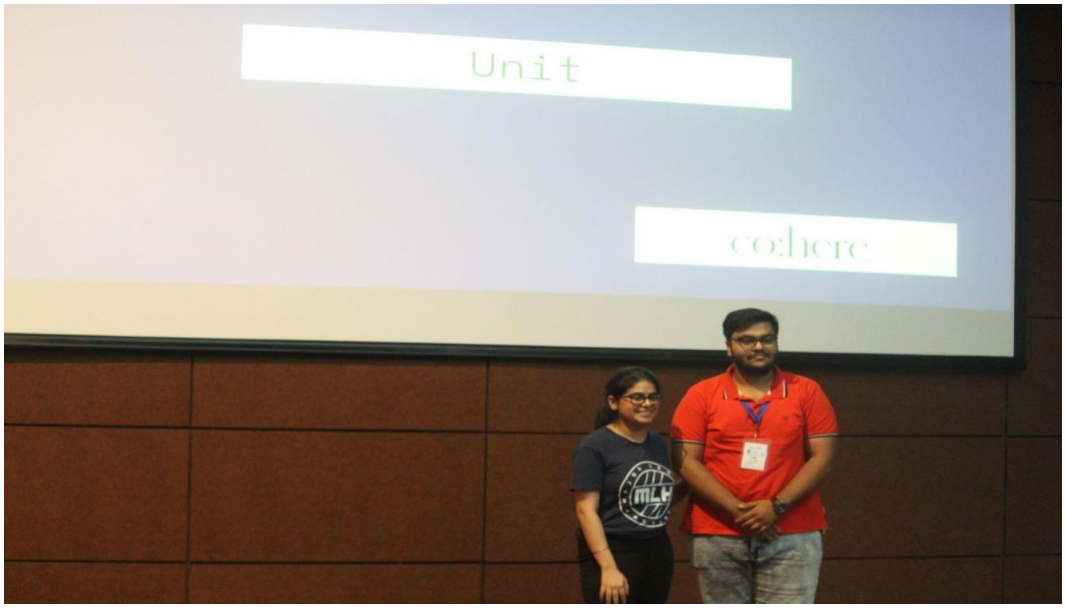
The first position was procured by Team BitByBit. Dr. Pawan Whig and Mr. Nimit Pahwa joined them on stage for prize distribution.



Ms. Sashrika from MLH was then invited to reward track prizes. Team Virtual_Revolutionaties won Hack from Home Kit from GoDaddy Registry.



Team UNIT obtained a Raspberry Pi 4 Starter Kit from Cohere.



Team Peak101 procured Wacom Drawing Tablets from Wix.



Day II ended with thrills, excitement and nostalgia. HACKVSIT 4.0 turned out to be a huge success and entrilling.

Technical Team
Ms. Indu Sahu
Dr. Pooja Thakar
Dr. Neetu Goel
Dr. Neha Goel
Dr. Shalini Bhartiya