योगः कर्मसु कौशलम्
IN PURSUIT OF PERFECTION

Vivekananda Institute of Professional Studies - Technical Campus

Affiliated to Guru Gobind Singh Indraprastha University, Delhi, Recognised by Bar Council of India and AICTE
NAAC Accredited Grade "A++" Institute, NBA Accredited for MCA Programme
Recognised under Section 2(f) by UGC, ISO 9001:2015 Certified Institution

Vivekananda School of Information Technology (VSIT)

HackVSIT 5th Edition

Detailed Report



ACE, The Technical Society of VSIT (Vivekananda School of Information Technology), organized the 5th Edition of the 24-hour Hackathon (HackVSIT 5.0 2024) from 19th to 20th April 2024. The event hosted a cohort of creative minds from various parts of the world like North Carolina and Malaysia and Indian states like Punjab, Madhya Pradesh, Uttar Pradesh, and New Delhi on campus.

The event received a grand total of 720+ team registrations, out of which 32 teams were screened through prelims and 7 teams as finalists for presentation on Day 2 of HackVSIT 5.0. “Open Innovation”, “Web3 & Blockchain”, “Sustainability”, “Healthcare & Wellness”, “Education & Edtech”, and “Fintech & Financial Inclusion” were the tracks in which the finalists submitted their hacks. The prize pool for HackVSIT 5.0 was worth up to 7 lakhs, with rewards for different tracks as well as for the top 3 finalists. Youth Incorporated, Devfolio, Polygon, Resources, Earth Hacks, Navan, Aldrich, Sybgen, Replit, Bizyowl, IYCN, Brainovative Labs, Innobuzz, Verbwire, Atmos, and Postman were part of our wonderful lineup of sponsors who helped make the event happen.

Innobuzz, a cybersecurity company, was one of our prestigious sponsors who conducted a capture the flag (CTF) event on 19th April, where participants tried to find hidden clues on a shared network and claim “flags” for points. The participants vied for prizes such as laptops, speakers, hard drives, and goodie bags in the CTF event.



DAY 1

The event kicked off with the participants registration at **9:05 am** followed by their sitting in the auditorium. The stage was brought to life with an opening address by the anchors - Sanya and Harshita followed by a **lamp lighting ceremony** in the Auditorium with our faculty and dignitaries; Chief Guest - Ms. Ruchira Chatterjee, Deputy Security Commissioner, North Western Railway. Guest of Honor - Prof. S.R.N Reddy, **Professor & Head of Department, IGDTU, Delhi** and Guests Mr. Rajit Sikka, **Head Academic Relations North India, TCS ,** Mr. Jitin Aggarwal, BFSI Growth Leader | Global Business Development & P/L Management | C Suite Advisor | Digital Technologist, Tech Mahindra Mr. Sunny Bajaj, CEO, Pivot Bits Technologies, Pvt Limited Dr. Rajiv Ratn Shah, **Associate Professor, IIIT Delhi** and Ms. Maya Sherman, AI Policy Researcher &Ethicist, AI Literacy Head, Global Partnership on AI





The ceremony was followed by welcoming words by **Dr. Pooja Thakar** and ACE President - Sujal Kanojia; introducing VIPS and ACE and their journey, achievements, and the importance of each member part of ACE. The welcoming address was concluded with a video depicting ACE's journey and wishing the participants all the best for the hackathon.



The welcome address was followed by an inaugural address by **Dr. Deepali Kamthania**, Dean - IT, VIPS-TC. She talked about the meaning behind Hackathons and wished the participants good luck before being replaced by Mr. Rajit Sikka on the podium.



He talked about hackathons being a launchpad for solving life problems. He delved deeper into Artificial Intelligence, its impact as of late, comparing the challenges of dealing with new technological improvements with the advancement of online education across the world during lockdown. He concluded by encouraging participants to think outside the box with the selected tracks in the Hackathon.



It was followed by a speech by **Mr. Sunny Bajaj**, CEO, Pivot Bits Technologies, Pvt Limited where he talked about his passion for coding and his experience for the past 12 years with big and small companies. He resonated with the ideology of "Work smarter and not harder" with the audience and urged the participants to work not just for "a" solution but for "the best" solution by planning before executing an idea.



Mr. Jitin Aggarwal, BFSI Growth Leader | Global Business Development & P/L Management started off his speech in a recollective fashion, talking about banks facing losses in recent times and how they are trying to recuperate by automating major roles to reduce payroll. However, he also tried to reason with the audience that over-automation of unnecessary roles in the production of a product or a service is harmful to the overall quality. He also directed the participants to try not to create more problems with "solutions" and instead focus on solving existing problems.



Mr. Rajit Sikka then introduced his work experience with Tata Consultancy Services (TCS), the opportunities that have emerged while working with one of the leading tech companies in the market, and the competition in the current technological sphere. He also shared his insight on recent technical innovations with the participants to assist them with their hackathon ideas.

Prof. S. R. N. Reddy, Professor & Head of Department, IGDTU, Delhi guided users in his brief speech to think about the end user first and take up previous problem statements to make their own hacks come alive from a usability perspective. He also encouraged participants to better their products or ideas over time.



Ms. Ruchira Chatterjee, GM (Vigilance), Administration and Security, Railtel Corporation of India Limited and formerly appointed as Deputy Security Commissioner, North Western Railway. She is an IRPFS officer. explained the journey behind the 24-hour hackathon the participants would embark on and gave some words of hope that the hackathon is not only about winning but also about learning, both for self and their peers.



Ms. Maya Sherman, AI Policy Researcher &Ethicist, AI Literacy Head, Global Partnership on AIrounded up the speeches by her co-panelists and shared her experiences from the various hackathons she has presided over. She shared her ideologies about Artificial Intelligence and how it poses as a "double-edged sword" to both the user and the developer. She also shared her views on AI and how its use should affect the human populace both positively and negatively.



Ms. Dolly Bhasin gave some valuable accounts from her previous experiences to assist the participants followed by a speech of thanks by Ms. Neetu Goel.



After our Inauguration Ceremony, the Hackathon kicked off at **12:30 pm** with participants seated in their rooms to ponder, code, and perfect their hacks over 24 hours. The participants were assisted by our wonderful mentors Ms. Vani Mittal, Mr. Srijit, Mr. Anmol Jain, Mr. Ayush Kumar, Mr. Kirtivardhan Singh, Mr. Ansh Saini, Mr. Rameet, Mr. Shreyans, Mr. Preetam, and Mr. Arya Soni over 3 separate sessions in between, guiding them with their hack projects.



Additionally, we incorporated mini-games into the event, offering participants much-needed breaks from the intense hacking sessions.



DAY 2

Day 2 began with a midnight mentor session, where participants presented their progress and discussed the problems they were facing with our dedicated mentors at HackVSIT5.0.



The Valedictorian Ceremony started with a special thanks to our partner sponsors Innobuzz and Postman and also track sponsors Verbwire, Replit, Atmoz and Earthacks.

The Judges Mr. Ayon Roy, Mr. Ashish Sapra and Mr. Pawan Singhla were then felicitated and thanked for imparting the participants with their knowledge and helping them with the projects.





Followed by the felicitation of the mentors Mr. Ayush Kumar and Mr. Preetam Yadav by the general secretary Harshita, Mr. Kirtivardhan Singh by Council Member Sarthak, Mr. Srijit by Vice President Hemant, Mr. Rameet by President Sujal, Mr. Arya Soni, Ms. Vani MIttal by Council Member Nidhi, Mr. Shreyans Jain by Hon'ble Dean and Mr. Anmol Jain by President Sujal.

The esteemed guests **Ms. Maya Sherman**, **Mr. Ashish Pahwa**, **Ms. Dolly Bhasin**, **Mr. Jeet Matharu** and **Mr. Manish Karnatak** were also introduced and felicitated. Our guest **Mr. Surmeet Singh** took the podium to talk about cybersecurity and his company and how they've played a significant role in protecting important data and systems for prestigious clients including the Delhi Police, CRPF, and Indian Army.



As a fun segment, our marketing lead Priyanshu recorded a podcast with our esteemed guest **Ms. Nandini Sharma**, talking about her journey, hackathons and much more.



The **TOP 7 teams** were then selected and invited to present their project:

Team Abyss introduced Traverizz, an AI travel itinerary app using Grok for tourism consultancy and prioritization for specific needs.

Team Aether showcased Opnav, an innovative eyewear device aiding navigation with a built-in map and AI integration for scope fitting.

Team Ctrl Alt Elite unveiled Easy Excel, revolutionizing record-keeping by automating and simplifying the process.

Team Nexus Tech presented Nexus Visualise, leveraging AI to fine-tune and extract analytics from big data.

Team Angels and Demons showcased Insightly, an AI-based model offering knowledge, pitching, and resources, including case studies and AI shark support.

Team Space Orbiters provided a gyroscopic AR-VR journey through the cosmos, allowing users to explore the universe from home.

Team Coders in Shades introduced a local service app for hiring professionals like electricians and gardeners.

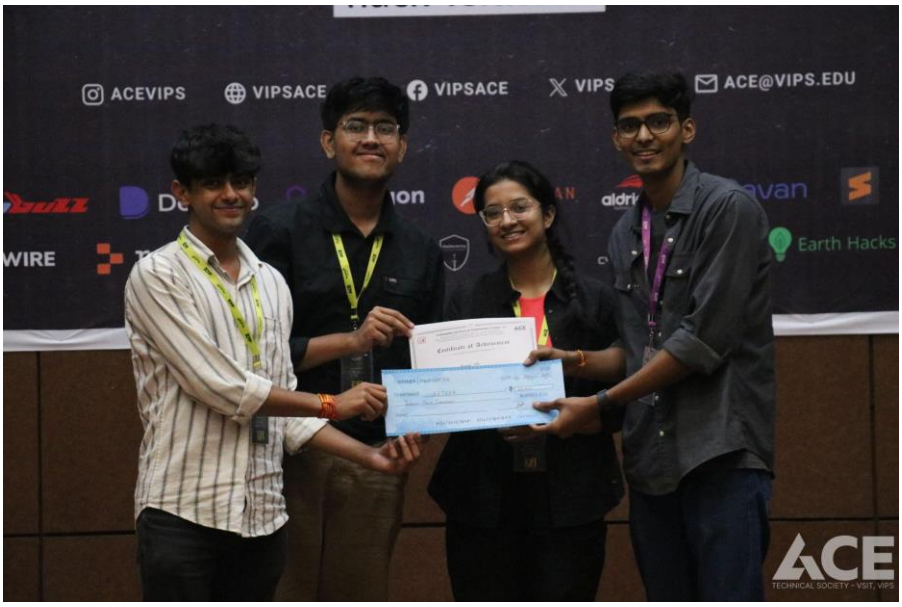
At the end, **Team Nexus Tech** came for the **third position**.



Team Abyss secured the **second position**.



And **Team Aether** won the coveted **first prize**.



For the track prizes, **Team Astra**, **Team SheGeeks**, **Team Anjanesh**, **Team Chole Bhature** won in the sustainability track.



Team Unity won the open innovation track.



Team Aether obtained a Brainovative kit for winning the sponsor track.



HackVSIT 5.0 was a remarkable event that showcased the innovation, creativity, and technical prowess of participants from around the globe. The diverse range of projects submitted under various tracks highlighted the participants' dedication to addressing real-world problems through

technology. The hackathon was not just about competing but also about learning, collaboration, and pushing the boundaries of what is possible.

The success of HackVSIT 5.0 would not have been possible without the relentless efforts of the organizing team, the invaluable guidance of our mentors, the support from our generous sponsors, and the enthusiastic participation of all teams. Each segment of the event, from the inspiring speeches and intense coding sessions to the engaging mini-games and insightful mentor interactions, contributed to a vibrant and productive atmosphere.

We extend a special thanks to our esteemed guests, judges, and sponsors for their contributions, and congratulations to all the winners and participants for their outstanding efforts. We look forward to continuing this tradition of excellence and innovation in future editions of HackVSIT.

