

Sinhgad Institutes Wins the Hardware Edition of Smart India Hackathon 2020

Sinhgad Institutes Team Cypher from Sinhgad Academy of Engineering, Pune participated in the Smart India Hackathon 2020 and emerged as joint winners with team Ignited Mindz in the hardware edition.



Karan



Meezan



Ruban



Amman



Shiri

Engineering students from Sinhgad Academy of Engineering, Kondhwa, Pune under the aegis of Sinhgad Technical Education Society emerged winners in the hardware edition of Smart India Hackathon 2020 (SIH2020) jointly with another team named Ignited Mindz. SAE Kondhwa, Pune Team Cypher comprising of five students from Departments of IT, Mechanical Engineering and Electronics & Telecommunication (E&TC) participated in the Hardware Edition of the hackathon. Their problem statement PSID Number was IC482. Besides Certification the winners would also receive Incubation Opportunities as well as Cash Award of Rupees One Lakh for their winning performance.

Team Cypher built a hardware system for helping the visually impaired people, to make learning easy for them and thereby make their lives more meaningful. They incorporated and amalgamated various solutions to make a complete product to educate the blind and help them to understand their surroundings in the same way as a normal person does, enabling them to experience the world around them. The process broadly consisted of four stages,

namely College Hackathon, Idea Submission, Prototype/Video Submission and the Final Evaluation Round. Team Cypher emerged successful in all the rounds. Their noble project was much appreciated by one and all.

About Smart India Hackathon (SIH)

The AICTE (All India Council of Technical Education) and the Innovation Cell of Ministry of Education organize the Smart India Hackathon (SIH) in association with some private organizations. It is an initiative held at the national level and focuses on providing students with a platform for solving some of the pressing problems that we face in our daily lives. Through this, its aim is to inculcate a mindset of problem-solving and a culture of product innovation.

The problem statements of Smart India Hackathon are submitted by State Ministries, Central Departments, and industries etc. This initiative had commenced in 2017 and this year marked the 4th edition of SIH which was conducted virtually because of the coronavirus situation. In the first stage, it was a college-level hackathon and the teams that were selected from their respective colleges had to choose problem statements in which they wanted to work. The participants had to send their entries with theoretical solutions.

Led by Captain Shirin Siddiqui from Department of IT, the other team members were Karan Shinde, Meezan Shaikh also from IT along with Amaan Khan from Mechanical Engineering and Ruban Sayyed from E&TC.

On the basis of submissions, a total of 145 problem statements were shortlisted for the Hardware Edition of SIH. Programmers developed industry-scale hardware solutions for the problem statements selected by them. The first three editions SIH2017, SIH2018 and SIH2019 proved to be extremely successful in promoting innovation, out-of-the-box thinking in young minds, especially engineering students from across India. The last edition of the hackathon saw over 5 million+ students from various colleges compete for the top prize at 65+ locations.

Team Cypher credits their success to their Principal Dr. K. P. Patil, HOD Prof. A.N. Adapanawar and faculty advisors for their motivation and support at all times.

Says Captain Shirin, “Although we had won prestigious hackathons like Megathon 2K19 by e-Zest Solutions winning Cash Award of Rupees One lakh, Codebreak 1.0, Inerve 2019, HereHack, HackSprint and Sinhgad Karandak Mini Hackathon to name some, competing in SIH - the ‘World’s biggest open platform for the innovators or entrepreneurs of tomorrow’ was a challenge as well as great motivation in itself. We discussed our ideas again and again, correcting, adding features and paying attention to the minutest details. We were overjoyed with our victory. The team is surcharged and now we look forward to participate in Global Hackathons in near future”.

Prof. M.N. Navale Founder President of Sinhgad Technical Education Society congratulated Team Cypher, their Faculty Advisors and Principal of SAE Kondhwa for winning the SIH 2020 and praised their noble project of helping the visually impaired persons.” It is indeed a great achievement”, he said, “Smart India Hackathon is highly competitive and a very innovative platform for the youth to think and solve problems with the aid of technology. By Using innovation, creativity and a wealth of knowledge that we provide, our engineering students transform the theoretical to the practical and go on to make the world a better place.

"