

Technology Students Win Laurels For Smart Devices At Smart India Hackathon 2019

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Bhubaneswar: IIT Bhubaneswar students secured the first and third prize, while a team of six students from SOA Deemed to be University finished as the second runner-up in the recently concluded Smart India Hackathon (SIH), 2019 held at the IIT, Kharagpur Nodal Centre.

Around 14,000 students of technology participated in the competition, dubbed as the world's biggest hackathon. It was held across the country at 48 selected Nodal Centres. SOA was also chosen as a Nodal Centre where 36 teams from different cities of the country competed.

It was initiated by the Ministry of Human Resource Development, All India Council for Technical Education (AICTE), Inter Institutional Inclusive Innovation Center (i4c) and Persistent Systems.

What the winners did

IIT Bhubaneswar first prize: To counter the issue of long queues at public places (railway stations, hospitals etc), the team (Aman Pratap Singh, Aditya Pal, Meghna Saha, Saksham Arneja, Madhav Tummala, Ankur Jaiswal, mentored by Dr Joy Chandra Mukherjee) developed a solution using technologies like Natural Language Processing and web RTC that can be used to manage public announcements in a physical space and can provide necessary information by its easy to use user interface and features.

SOA Deemed to be University second prize: They developed a Smart Board. "Whatever the teacher writes on the Smart Board, will simultaneously get displayed on the device of the student," Ankit Jha, one of the team members said. The other members of the team are Sandeep Ranjan, Alok Pattanaik, Shikhar Sinha, Subham Baliarsingh and Anupriya Soumitra. Nitesh Jha, faculty of ITER, was the mentor of the group.

IIT Bhubaneswar third prize: This team (Rahul Kumar, Rahul Mahanot, Avani Patidar, Mantri Harsh Rakesh, Muthaluru Chaitanya, Shiva Kumar Reddy, Mrudhul Guda, mentored by Mohnish Chaterjee) made an IOT sensory attachment for gas cylinders. It can intimate about the gas status in a cylinder online so that the gas filling can be made well organized. Thus attachment can be effective in rural areas. It can give users flexibility and transparency to measure their usage and plan their consumption.