

Innovation meets tech at IIT-Gn's research prog

More than 180 students from educational institutes all over the country, including several IITs, undertook internships in Summer Research Internship Programme (SRIP)

[dna correspondent @dnaahmedabad](#)



[Enlarge Image](#)

The projects were shared with the research community

Developing unmanned vehicle navigation system for all kinds of roads and designing a remote-controlled fireproof robot for fire fighting, were a few futuristic projects displayed at the Indian Institute of Technology Gandhinagar (IIT-Gn) on Friday. These were innovated as a part of Summer Research Internship Programme (SRIP) and

displayed as poster presentations at the institute's Chandkheda campus.

More than 180 students from educational institutes all over the country, including several IITs, undertook internships at SRIP this year. The number of applicants for SRIP nearly doubled from 4,865 last year to 9,200 this year.

Shanmuganathan Raman, faculty member and one of the coordinators of SRIP, said: "We are excited with the kind of work and results the students have produced during their internship in just a little over two months. Therefore, we decided to provide a platform to showcase and share their projects with the research community. In the future, we plan to offer summer research internships to other students from top universities of the world."

BTech student Kapil Soni from Charotar University of Science and Technology near Anand said: "Our project aims to develop a system of navigation for cars with the help of GPS. We install a device in the vehicle which keeps it connected to the satellite. Any obstacles that come in its way are detected by the satellite and the vehicle is manoeuvred automatically." He was working on the project with Mukesh Rawat of IIT-Gn and Sarvesh Jain of SGSITS (Indore).

Certain other projects targeted various social issues. LD Engineering college student Vishani Vohra's project aimed at understanding issues of drinking water in urban slums. Vohra chose Allah nagar as her sample and found that both the quantity and quality of water available there was very low.

The SRIP also had international participants. Catherine Wargo of University at Albany, State University of New York, was doing her research to understand the Indian context of 'active ageing'.