

IIT-Gn to help Army beat harsh conditions

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Ahmedabad: A team of three students and a teacher of Indian Institute of Technology – Gandhinagar will help the Indian Army find solutions for some of the most common problems faced by soldiers in extreme weather conditions and difficult terrain. The high altitudes of the border areas pose such problems.

The team of Professor Amit Arora along with doctoral students Amit Kumar Singh, Nidhi Anand and an M.Tech student Mayuri Madhukar visited army bases from November 22 to November 26 on the Sikkim border to understand real life difficulties faced by soldiers of the Indian Army. The visit was part of 'Make Projects' campaign launched by the army under the umbrella 'Make in India' project.

Various technical problems faced by the Indian Army energy, communication, food and ha-



bitat were discussed over different sessions during the visit.

Describing the problems, Arora said the batteries of electronic equipment, for example, drain out much faster in places where temperatures are very low. "Lightning is common in these terrains and this, very often, damages electronic equipment which have been left plugged in," he said. "Rusting occurs faster here, drinking water is a problem, the materials used for bunkers and tents are prone to catch fire, and food and health have their own challenges," Arora said.