

IIT-Gn projects hold visitors spellbound

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Ahmedabad: The open house hosted by IIT-Gandhinagar on Saturday was attended by representatives of more than 50 companies, which were given a glimpse of fascinating projects of the institute's students and faculty members. TOI profiles some of the projects displayed at the event.

Rickshaw ambulance

Members of the mechanical engineering faculty have designed a rickshaw that can be converted into an ambulance in less than a minute. It's ideal for congested areas where other types of ambulances can't reach. By unfolding the seat to make it twice as long and raising the footrest, the rickshaw can be modified to make space where a patient

can lie down.

Rescue kit

A design team led by Prof Bhaskar Bhatt has designed a rescue kit for flood-prone places like Assam and Uttarakhand. The kit can be worn like a bag and has an air-pillow attached to a floating pad. It contains basic amenities like food and medicines and also provides torch to alert rescue teams.

Power pedalling

This bicycle generator focuses on construction of a portable flexible dynamo that fits into a range of devices like bicycle and sewing machine to generate power. This flexible dynamo can be installed on the wheel of bicycle and used in emergency when people are cut off from electrical source.