

ISTP Open House

27 April 2018

The Interactive Socio-Technical Practicum (ISTP) course of IIT Mandi culminated in an Open House on 27 April 2018 with a display of posters, prototypes and models. 38 IIT Mandi students and 22 students from WPI (Worcester Polytechnic Institute, Massachusetts, USA) participated under the mentorship of 16 IIT Mandi faculty mentors, and 2 WPI faculty mentors. A total of ten teams presented the outcome of their field surveys, interviews, research and experiments. The teams worked on the following projects:

1. Developing Drowsy Driving Mitigation Strategies in Himachal Pradesh
2. Assessing Micro-Hydropower Feasibility in Himachal Pradesh
3. Medicine Dispensing Devices to Help Increase Adherence
4. Perceptions of a Changing Climate, Exposure, and Vulnerability in Himachal Pradesh
5. All-Season Plant Nursery to Increase Food Security
6. Investigating Smart City Initiatives in Mandi Town, Himachal Pradesh
7. Designing a Water Filter to Remove Iron Contamination in Mandi District
8. Onsite Treatment of Organic Waste
9. Water Purifier using Solar Thermal Energy
10. From Waste to Resource: E-waste Management Practice in Mandi



**ISTP
OPEN
HOUSE
2018**

10 TEAMS OF IIT MANDI
AND
WPI (USA) STUDENTS
ENGAGE WITH
TECHNOLOGY
FOR
A BETTER
TOMORROW

27
04
'18

FRIDAY 3-6 PM
D2 (MAPLE) MESS
SOUTH CAMPUS



The team of judges included Dr. Amarjeet Singh (IIIT Delhi), Mr. Joginder Walia (Society for Technology and Development, Mandi), Mr. Rahul Abrol (Irrigation and Public Health Department, Govt. of HP) and Mr Rajan Kapur (Himachal Pradesh State Electricity Board). The Open House witnessed enthusiastic participation by the campus community as faculty, staff and students came in large numbers to see the results of the teams' work. The first prize was awarded to the 'Developing Drowsy Driving Mitigation Strategies in Himachal Pradesh' team; the runner-up prize went to the 'All-Season Plant Nursery to Increase Food Security' team, and the popular choice award was won by the 'Investigating Smart City Initiatives in Mandi Town, Himachal Pradesh' team.