

ISHAN VIKAS – STEP Training Program 2016, IIT Mandi

37 high school students from 7 different states (15 Assam, 11 Himachal, 5 Manipur, 4 Jammu & Kashmir, and 1 each from Arunachal, Manipur, Mizoram, and Uttarakhand) have successfully completed a 13 day program at IIT Mandi.

Under the program, named ISHAN VIKAS – STEP, the Northeast students, accompanied by 3 of their teachers, were selected by IIT Guwahati, and were funded by Ministry of Human Resources and Development. The Central Himalayan students were selected and financed by IIT Mandi.

The program is aimed at motivating bright high school students from these states to go for higher studies in science or engineering, and to promote national integration. During this program, the students interacted with IIT Mandi faculty from disciplines ranging from basic sciences to different branches of engineering as well as biosciences and medicinal herbs.



The program was coordinated by Prof. Bhavender Paul of IIT Mandi's School of Humanities and Social Sciences, supported by 26 faculty members and 12 research scholars as well as several staff members and students. Topics such as career planning, what is engineering, physics-math-and-engineering in daily life, reverse engineering, computer aided design, renewable energy, nanomaterials, superconductivity, signal processing, and quantum mechanics were covered.

The students participated in a variety of hands-on workshops and demonstrations as well as field trips on and off the IIT Mandi campus.



Ishan Vikas – STEP High School Students in a laboratory at IIT Mandi.



Prof. B. D. Chaudhary (Dean Academics, IIT Mandi), Prof. Bhavender Paul (Adjunct Prof, & Coordinator - Ishan Vikas - STEP, IIT Mandi), faculty and staff members of IIT Mandi with the Ishan Vikas training program High School Students.