

## IIT Mandi-1st Convocation 20<sup>th</sup> Oct. 2013



Indian Institute of Technology (IIT) Mandi, the youngest of all IITs and the only IIT in the Himalayas, celebrated its first convocation ceremony on 20th October, 2013. As part of this convocation, 94 B. Tech. students, 2 M.S. students, and 1 Ph.D. student graduated from the Institute. Mr. Subodh Bhargava, Chairman, Tata Communications Ltd., was the chief guest on the occasion. In addition, the Guests of Honour included, Mr. M. Natarajan, Chairman, Board of Governors, IIT Mandi, and Prof. V. S. Raju, Chairman, Naval Research Board, Government of India.

As part of the graduating students, Mr. Shejin T. received the first M.S. degree from IIT Mandi for his thesis titled “Significance of Dictionary for Sparse Coding based Face Recognition.” This thesis analysed the use of a novel WD Face dictionary on various aspects of sparse- coding based face recognition. A second M.S. degree recipient from IIT Mandi was Mr. Ranjit Singh for his thesis titled, “Modeling and Performance Analysis of Three Phase Grid Connected Solar Photovoltaic System.” Ranjit worked for his thesis to propose several efficient and intelligent maximum power point tracking algorithms for a grid connected SPV system. IIT Mandi also conferred its first Ph.D. degree to Ms. Priyanka Manchanda, a research scholar in School of Basic Sciences. Ms. Manchanda worked on a thesis titled “Magnetic Properties of Multilayers and Some Bulk Alloys: An Ab-Initio Study.” In her thesis, Priyanka used ab-initio techniques and studied magnetic multilayers that are used in applications such as ultrahigh density Magnetic recording, spin valves, and read heads of disk drives. She also studied control of magnetic properties with the application of external electric field in thin films and in organometallic systems.

