

[International Workshop On Next Generation Active Distribution Networks to Empower Future Low-Carbon Indian Society, IIT Mandi. 12th -14th August 2016](#)

The main objective of this Workshop was to facilitate the forum to discuss the various low carbon energy sources in active distribution system and methodologies to achieve a more efficient and environmentally friendly grid operation.

[National Level Training program on “Differential Equations with Applications in Engineering”, 1st - 8th July 2016.](#)

The focus was differential equations, which is an integral part of many engineering problem. The training program was designed primarily for faculty members from Government engineering college Rajkot, Gujarat.

[Workshop on Machine Learning for Medical Image Analysis held at IIT Mandi, 18th - 22nd June 2016.](#)

The Multimedia, Analytics and Systems Group of the School of Computing and Electrical Engineering, IIT Mandi organized a five-day workshop on Machine Learning for Medical Image Analysis, from 18-22 June 2016. This is the second workshop of this kind at IIT Mandi after the one held in 2015.

[The 3rd CII - IIT Mandi Industry-Academia Conclave was held on 15th May 2016 at IIT Mandi.](#)

The Industry-Academia Conclave on May 15 was organized amid a purposeful and enthusiastic participation by the attendees. Over 100 attendees consisting of representatives from the industry and academia came together and held discussions around the Conclave's theme, “Technology & Business Innovation at IIT Mandi”.

["Big Data Analytics Workshop" held at IIT Mandi, 7th May 2016.](#)

On 7 th May 2016, the Big Data workshop was held at IIT Mandi. The objective of the workshop was to give the students exposure to the area of Big Data Analytics and an opportunity to present their projects. The schedule included expert lectures, interactive sessions and poster presentation session. Distinguished speakers were invited from different institutions, namely, DFKI, IIT Hyderabad, IBM Research and IIIT Delhi. The audience included MS/Ph.D. and B.Tech Students of CS 561 - Big Data and Map Reduce (by Dr. Arti Kashyap) and faculty members of IIT Mandi.

[Training programme on “Part Modeling, Assembly Modeling and Production Drawing for Engineers and Designers” held at IIT Mandi, 25-27 January, 2016](#)

A training programme on “Part Modeling, Assembly Modeling and Production Drawing for Engineers and Designers” was organized by School of Engineering IIT Mandi during 25-27 January 2016. Creation of a virtual 3-D model is the very first step of the product development process. A 3-D virtual model provides all the basic information which is essential in the pre-processing step in finite element analysis (FEA) or computational fluid dynamics (CFD).

Short term course on “Computer Aided Engineering: Applied FEM and CFD” held at IIT Mandi, 18-24 January, 2016

A 7-day short term course on “Computer Aided Engineering: Applied FEM and CFD” was held at IIT Mandi during 18-24th January 2016. The course drew participants both from academia and industry. Participants were trained on wide range of modelling techniques in FEM and CFD along with the theoretical aspect behind the techniques.

Conference/discussion meeting on "Advances in Electron Spectroscopy - Experiment and Theory (AESET 2016)", 18-21 January, 2016

A conference/discussion meeting on "Advances in Electron Spectroscopy - Experiment and Theory (AESET 2016)" was conducted at IIT Mandi during 18th to 21st January 2016. The main aim of the meeting was to discuss recent advances in the field of electron spectroscopy and microscopy, and future directions. This meeting was the second of the series. The first one was organized in Göttingen, Germany.