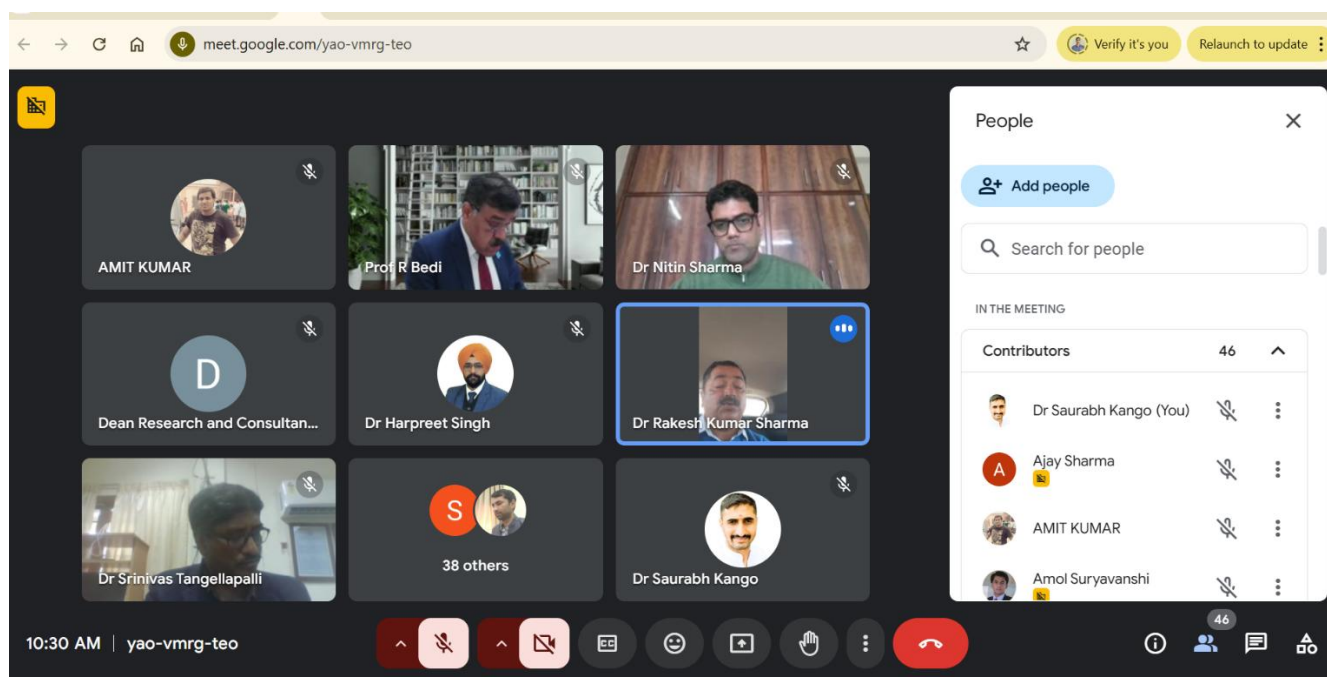


Course Completion Report

One Week (Online) Faculty Development Program (FDP) on **Innovative Pedagogical Practices for Engineering Graphics (IPPEG)** March 07–11, 2025



Organized By
Department of Mechanical & Industrial and Production Engineering
Dr B R Ambedkar National Institute of Technology
Jalandhar, Punjab, India- 144008

The Department of Mechanical Engineering and Department of Industrial & Production Engineering jointly organized a 5-day online faculty development program on “*Innovative Pedagogical Practices for Engineering Graphics (IPPEG)*” from 7th to 11th March 2025. Now-a-days, the prime aims and objectives of this course have been insipid in many universities/institutions by giving more prominence on computer aided drawing and other software based teaching rather than inventing original methods of teaching to make it simple to learn and teach. Engineering Graphics is a language every technical person use to communicate his/her ideas briefly and clearly to others. This course becomes simplest among all courses of engineering curricula if the innovative teaching methods are adopted. However, as per the present demand of society, this FDP has been designed in a way that it will cover the

conventional methods of teaching Engineering Graphics and also try to cover the introductory part of computer aided drawings.

Dr Nitin Sharma, Course Coordinator, welcomed and gave an overview about the 5-Day FDP and informed that more than 70 participants are registered for the FDP. Prof T Srinivas and Dr Rakesh Sharma, Head of the Mechanical Engineering Department and Industrial & Production Engineering Department briefed about their departments and wished for the FDP program respectively. Prof Rohit Mehra, Dean of Research and Consultancy and Prof Raman Bedi, Dean Academics, NIT Jalandhar stressed the need for innovative technologies for the Engineering Graphics for the selected branches such as Mechanical Engineering, Industrial & Production Engineering and Civil Engineering. The inaugural event end up with the vote of thanks presented by Dr Rajeev Verma, coordinator of the course. Director, Prof. Binod Kumar Kanaujia, conveyed their wishes to both departments to take this initiative to adopt innovative teaching-learning methods for the development of Engineering Graphics courses.

The activities of Day 1 for the program were divided into two lectures, first by Prof. Naga Srinivas from NIT Warangal on 'Orthographic Projection of Points and Straight Lines'. The session was followed with one more lecture by Dr Sumit Sharma, NIT Jalandhar on 'Conic Sections: Introduction and Applications'. This FDP was scheduled for 5 days with 10 speakers and 11 Lectures from nationally reputed institutes. The FDP was successfully organized and feedback from the candidates were also taken at the end of each delivered lecture.