

Activity Report

Name of the Event: Faculty Development Program (FDP)

Date and Venue: 30th Dec.2019 to 3rd Jan, 2020 at NIT Calicut, India

Course Contents: Introduction to Engineering Graphics, Salient Features of Teaching-Learning Process, Review of Fundamentals, Fundamentals of Orthographic Projection, Projection of Lines-1, Projection of Lines-2, IS Code of Practice in Engineering Graphics, PowerPoint Tools for Teaching Engineering Graphics, Projection of Planes, Projection of Solids, Panel Discussion- Relevance of Engineering Graphics in Technical Education, Projection of Lines-3, and Auxiliary Plane Method of Projection, Isometric Projections and Development of Surfaces.

Expected benefits gained & how it will be helpful to the college: This FDP will be helpful in effective teaching that I am going to apply in my classroom and lecture delivery methods. I will make my classes more interactive with the help of PPTs that will improve the student learning. So overall it will enhance the interest of students as well as my co-teachers for the subject. Nowadays many academicians think and purpose to eliminate Engineering Graphics presuming it to be obsolete. Engineering graphics should be considered not only as one course but as a language i.e.; medium of communication (vocal and non-vocal language). It should be considered as a language course for all would be engineers that inculcate imagination, Creativity. Students should be forced to imagine and analyze the things It should develop conception & design new systems/products as well as refine existing systems/products. The CO's for this course at NIT Kozhikode are mentioned as

1. To learn non-vocal language
2. To enhance the imagination/creativity

One of the speaker shared that problem solving techniques is now story of past. Problem finding skill is important at present. Learning means want remains to learn. One should "Learn – Unlearn – Relearn" to be an effective teacher.as per my understanding that is nothing but value addition. Teaching is a very complex process. Teaching is a calling. (Knowledge = Information & Experience x Reflection & Processing). The final take from the experts is to train the students as an – Engineer to Read and Understand and not to make them the Draftsman.

