Preface to the Notes of Engineering Graphics

The notes on Engineering Graphics have been prepared for the students of MVSR Engineering College with a view to help the students in understanding the concepts of the subject. This material is prepared based on the syllabus of B.E 1st year under Osmania University.

Students have to refer to the text book for the underlying concepts of each topic in addition to the material being provided here.

A lot of practice is essential for a clear conceptual understanding of the subject. Hence students are advised to practise as many problems possible on A4 sheets with free hand sketches first and then with dimensioning.

In the university exams, if questions pertaining to 2- stage problems or 3-stage problems of projection of planes or solids and lines inclined to both planes are asked in short answer questions, free hand sketching can be adopted in exam due to time constraint and marks allotted to these short answers.

Hence if long answer problems are asked in Part A of the question paper, free hand sketching can be done but the neatness has to be maintained in doing so. Dimensioning has to be done correctly.

All the students are advised to go through the question bank in each unit to get an idea of the general questions that are asked in each topic of the subject.

This material has been prepared based on the recommendations of the Principal Dr. P.A. Sastry, Vice Principal Prof.S.G.S Murthy, Dr M. Madhavi, HOD, MED and Prof S. Ramesh Kumar, HOD, CED.

This material has been prepared with inputs from all the faculty members of Mechanical Engineering Department (MED) and Civil Engineering Department (CED) handling Engineering Graphics at MVSR Engineering College.

The overall material contents, conceptual explanation, solutions and question bank have been compiled by Mr. S.Ramanathan, Assistant Professor, Mechanical Engineering Department of MVSR Engineering College.

The online web posting of this material has been rendered possible with the help of Mr. K.R. Gautam Murthy, Associate Professor Department of Computer Science - MVSR Engineering College.