

### **ME 214 Machine Drawing (0-0-4-4)**

Assembly and Part Drawings of simple assemblies and subassemblies of machine parts viz., couplings, clutches, bearings, gear assemblies, I.C. Engine components, valves, machine tools, etc.; IS/ISO codes; Limits, tolerances and Fits, Surface finish; Symbols for weldments, process flow, electrical and instrumentation units. Introduction to solid modellers. A drawing project on reverse engineering.

*Texts:*

- [1] N.D. Bhatt, Machine Drawing, Charotar Book Stall, Anand, 1996.
- [2] N. Sidheswar, P. Kanniah and V.V.S. Sastry, Machine Drawing, Tata McGraw Hill, 1983.
- [3] SP 46: 1988 Engineering Drawing Practice for School & Colleges. Bureau of Indian Standards