

2.8 Engineering Drawing (Practicals only) :

1. Construction of Scales. Conventional representation of materials, lettering.
2. Orthographic projections of machine parts, missing views, sectional views of simple machine parts. (Emphasis to be given to first angle projection method)
3. Isometric projections of simple machine parts.
4. Conventional representation of common features, dimensioning of drawings, blue or ammonia printing process.
5. Assembly drawing of simple pharmaceutical machines. (Elevation, plan and section).
6. Drawing of plan, elevation etc. in full and sections of pharmaceutical equipments – drier, mixers, installation columns etc.
7. Drawing of flow sheet for the manufacturing of pharmaceuticals and layout of factories.

Books Recommended :

1. Drawing for schools and colleges – ABIS Publications
2. Machine Drawing – Mathur M.L. and Lakshmi Narayan
3. Machine Drawing – N.D. Bhatt
4. A manual for Engineering drawing for students and draftsmen – French and Vierck