

### 3ME4-21 : MACHINE DRAWING PRACTICE

1. Assembly drawing with sectioning and bill of materials of the following: Lathe tail stock, shaper tool head, swivel machine vice etc (1 drawing sheet of any assembly)
2. Detailed part drawings from assembly drawing indicating fits, tolerances and surface finish symbols by referring BIS codes: Check-valve, Junction Valve etc (1 drawing sheet)
3. Computer Aided Drafting: Introduction to different features of the CAD Software (AutoCAD/ProE/Creo/Solidworks). A

t least one drawing problem related to a.

2-D Drafting. b. 3-D Modeling. c.

3-D Advanced Modeling. d. Assembly modeling. e. Feature Modification and Manipulation f. Detailing. g. Surface Modeling

LINK - <https://youtu.be/tHrfxjgFQt8>