

Mahindra École Centrale

August 25, 2014

ME 101

Assignment No. 2

Due at the beginning of the lecture class on Wednesday, August 27, 2014. (Please submit your own assignment only. Please do not submit anyone else's assignment on her/his behalf.)

Using drawing instruments (not free hand), draw the standard views in 3rd angle orthographic projection of the objects displayed in the following figures in the Engineering Drawing text authored by N. D. Bhatt (52nd ed., 2013):

1. Fig.18-24 (dimensions given in Fig.18-23). Choose an appropriate front view and orient the front view in such a way that the entire drawing occupies minimum space. (Though you have not yet formally studied sectional views, the sectional view given in Fig.18-23 is very easy to interpret. You just need to pick out the relevant dimensions from that view.) Use a reduction scale 1:2.
2. Fig. 18-22. Use full size scale 1:1.

Notes

1. Please submit your work on A4 size plain paper (each problem on a separate sheet).
2. Please attach your work to this sheet and staple all the papers together before submitting. Loose papers are not acceptable.
3. Please write your name on each page of your submission.
4. Do not erase construction lines. Draw them as thin, light lines.
5. All drawings are to be made using HB pencil. You may use 2H pencil for construction lines if you so choose.

Declaration:

I have neither received nor given help during the process of completing this assignment.

Signature:

Name:

Roll No.:

Section: