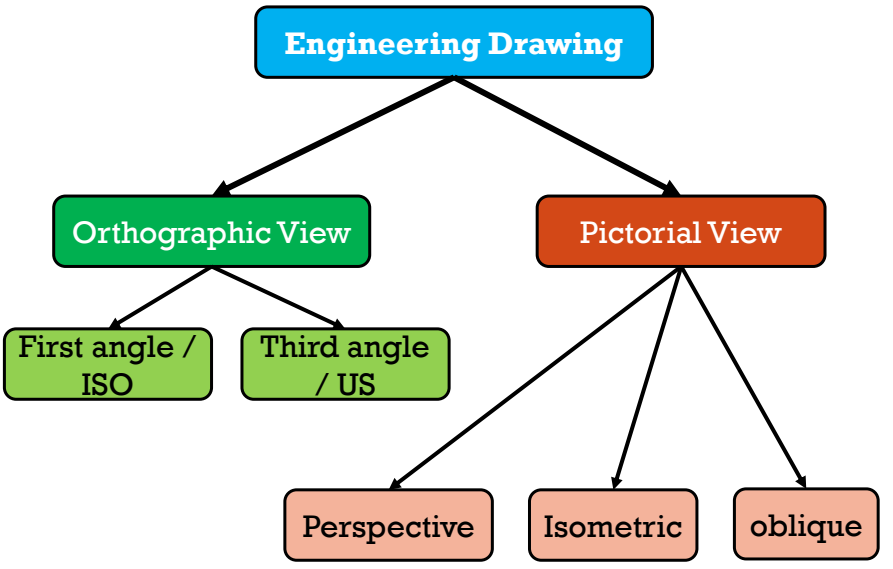
Welcome

Course code: CSE258
Engineering Drawing

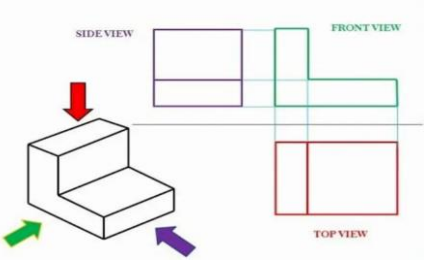


Dr. A.T.M. Saiful Islam
Associate Professor
EEE, BSMRSTU

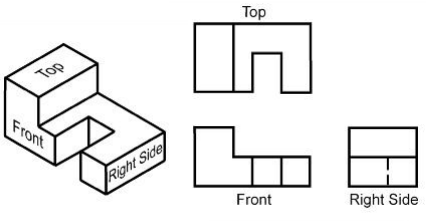
Orthographic View

- An orthographic view or orthographic projection is a way of representing a 3D object in 2 dimensions.

✓ **First-angle projection:** Here, the top view is under the front view, the right view is at the left of the front view, etc. The ISO standard is primarily used in Europe.

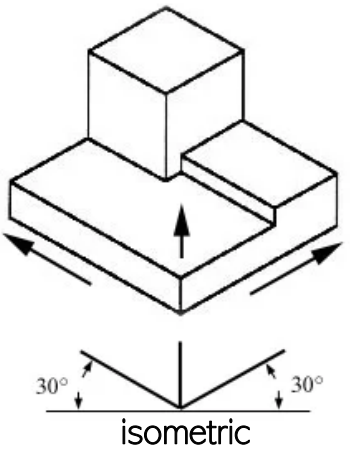


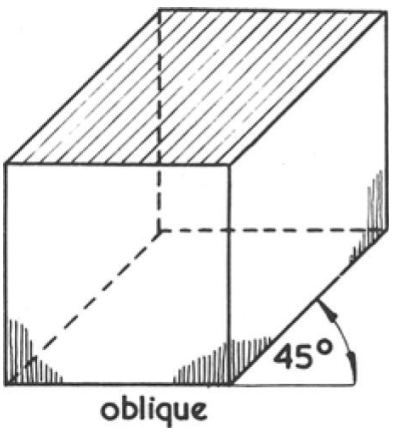
✓ **Third-angle projection**: The right view is on the right, top view on the top of the front view, etc. This system is especially popular in the US and Canada.



Pictorial View (3D)

- The three main types of pictorial drawings that are extensively used in architectural presentations are **isometric, oblique** and **perspective**.

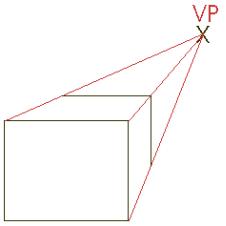


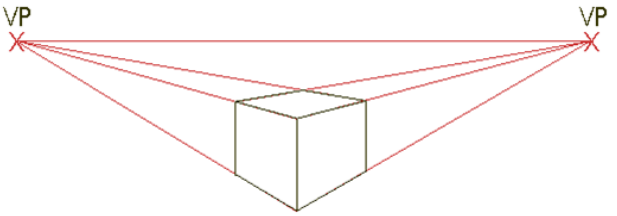


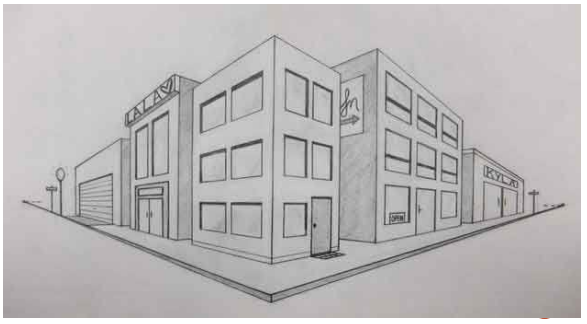
Dr. A.T.M. Saiful Islam
Associate Professor
EEE, BSMRSTU

Pictorial View (3D)

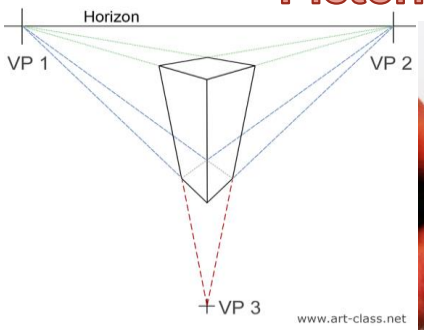
- Perspective: 1 point, 2 points, 3 points & Multi points

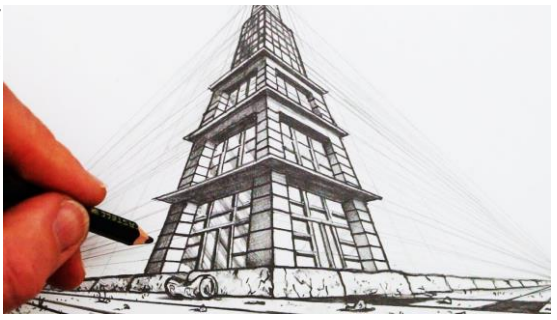


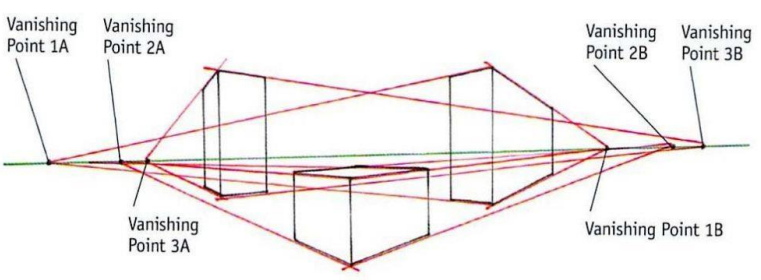




Pictorial View (3D)



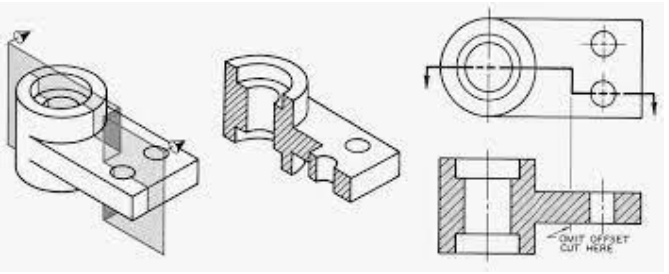




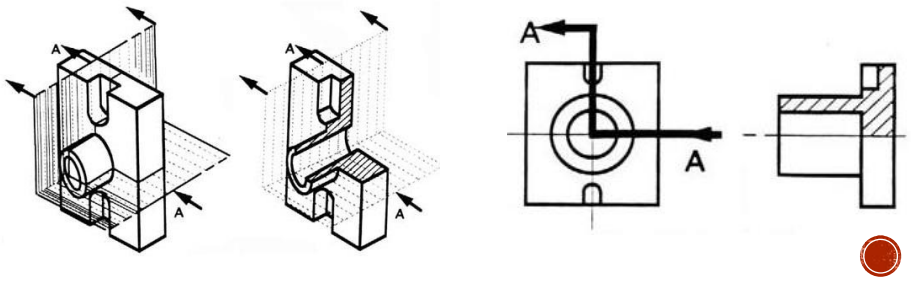
Dr. A.T.M. Saiful Islam
Associate Professor
EEE, BSMRSTU

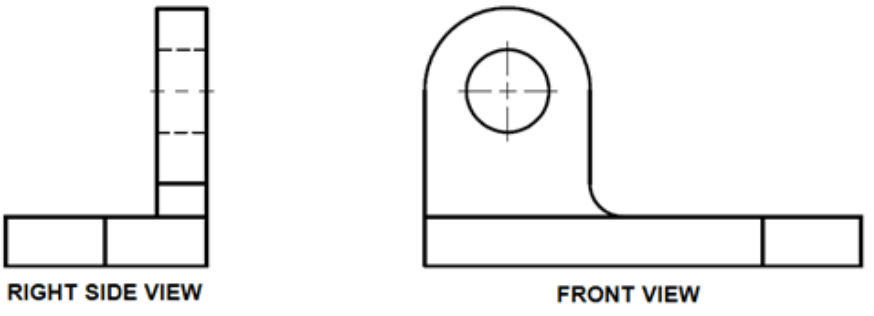
Section View

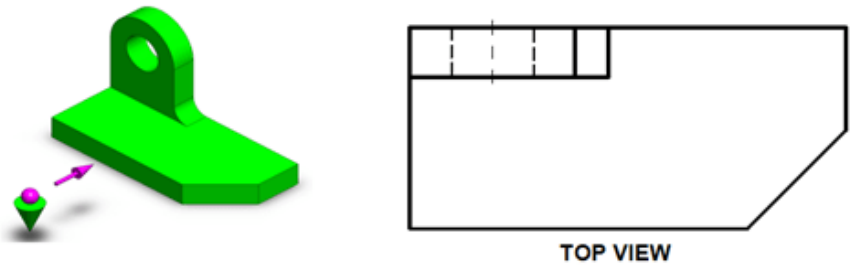
- Cross-section:



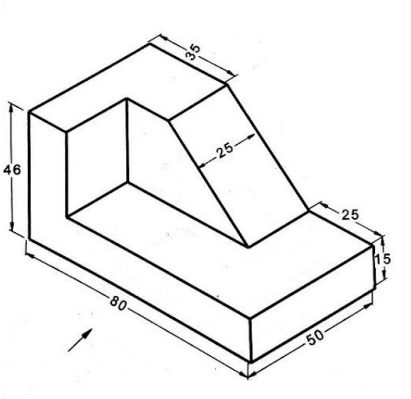
- Half-Sections

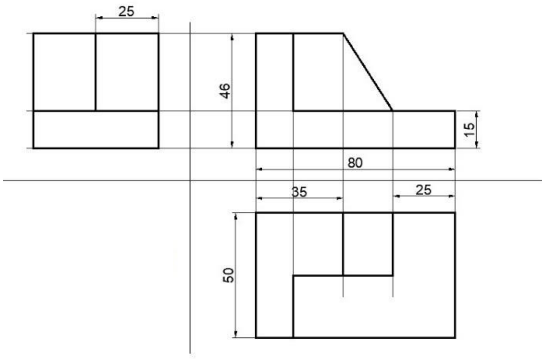


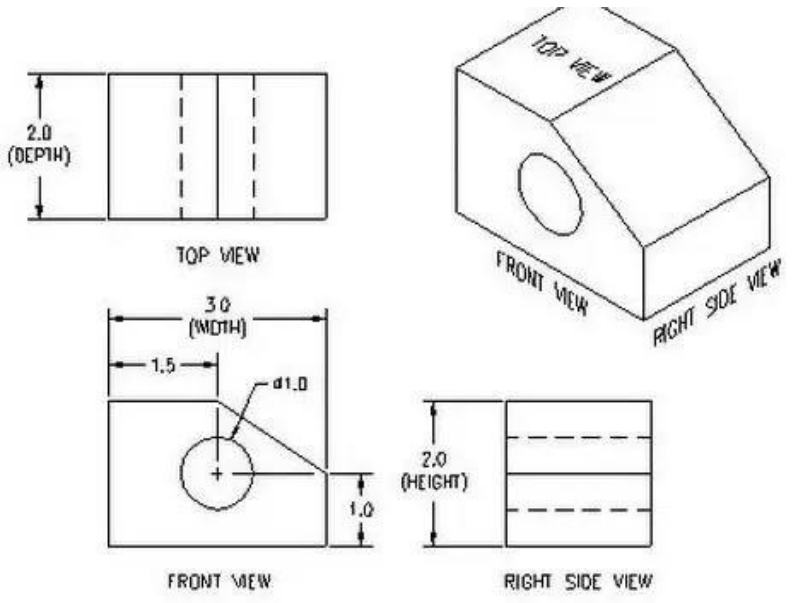




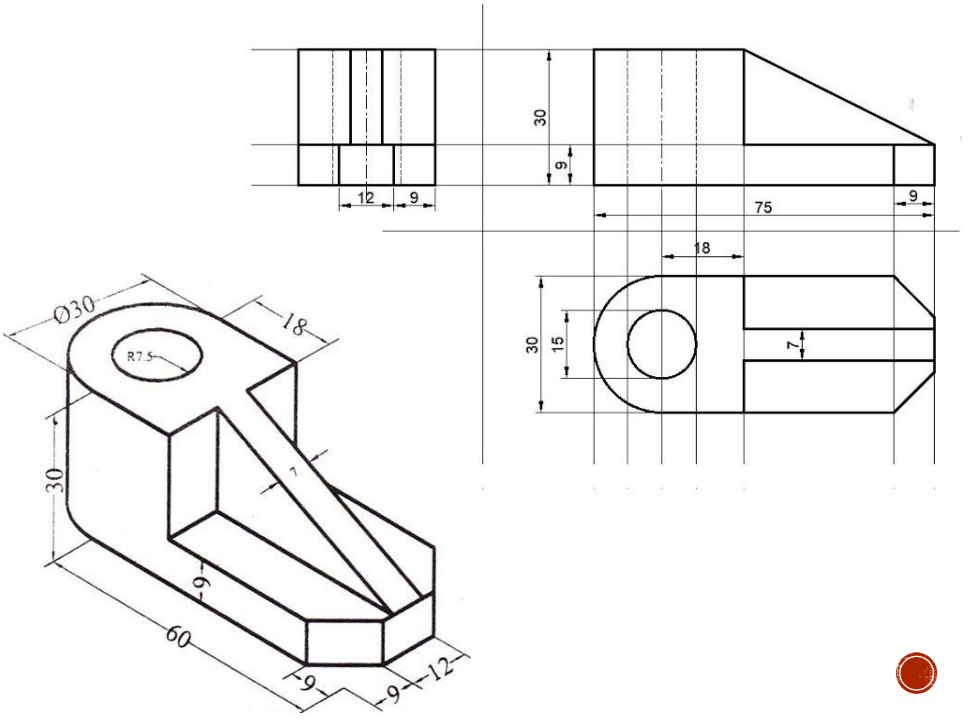
Dr. A.T.M. Saiful Islam
Associate Professor
EEE, BSMRSTU

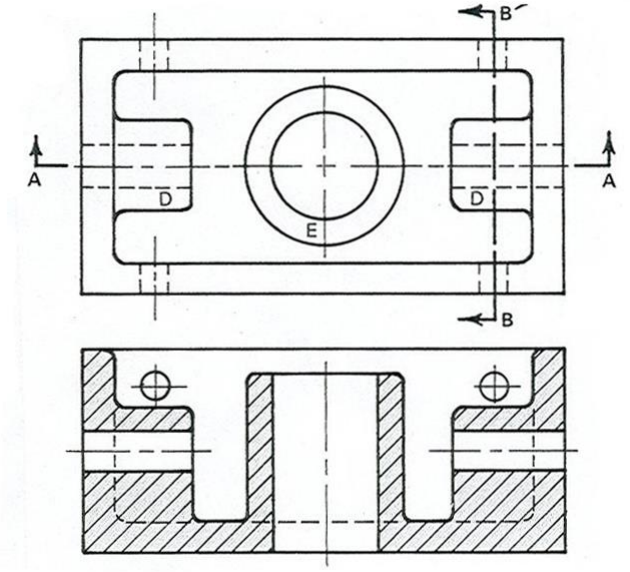




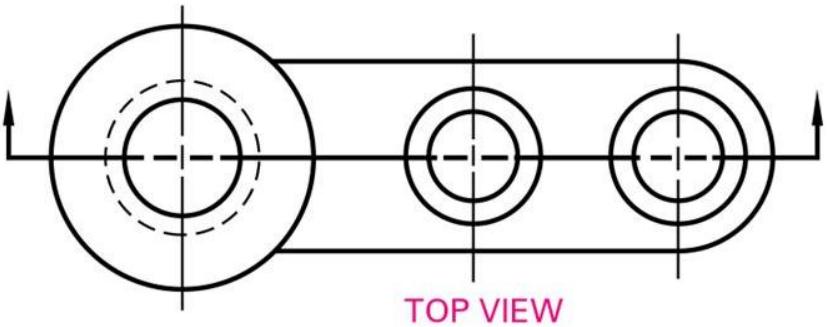


Dr. A.T.M. Saiful Islam
Associate Professor
EEE, BSMRSTU

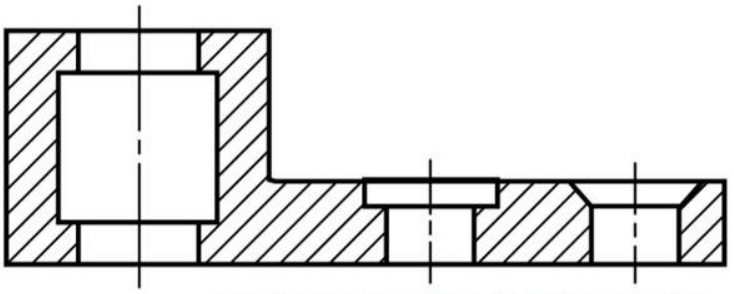




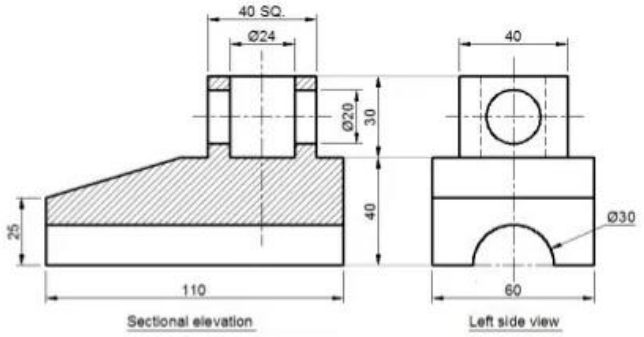
Dr. A.T.M. Saiful Islam
Associate Professor
EEE, BSMRSTU

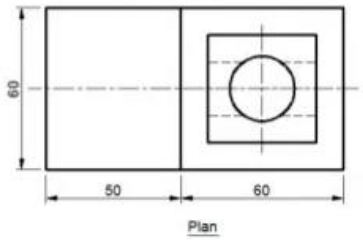


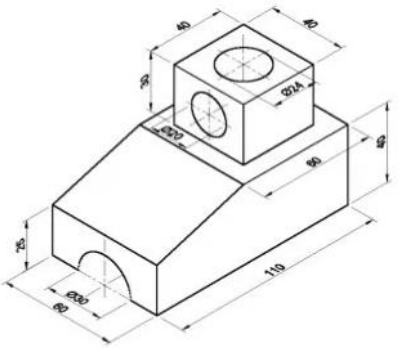
TOP VIEW



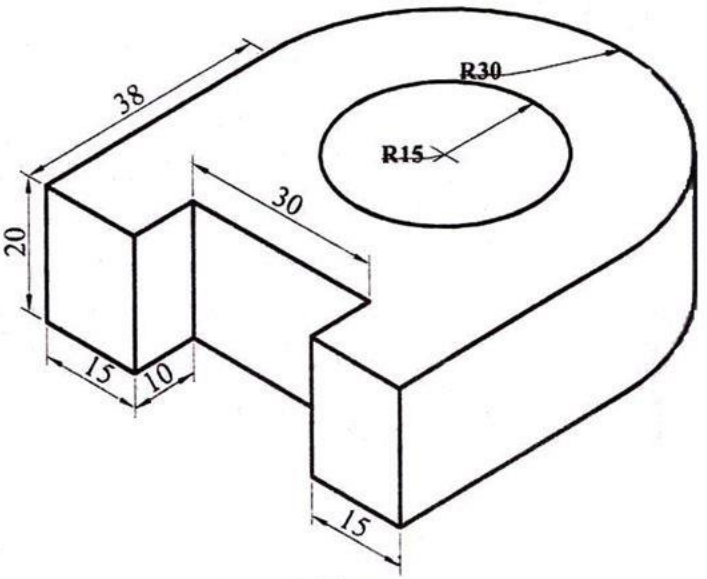
FRONT FULL-SECTIONAL VIEW



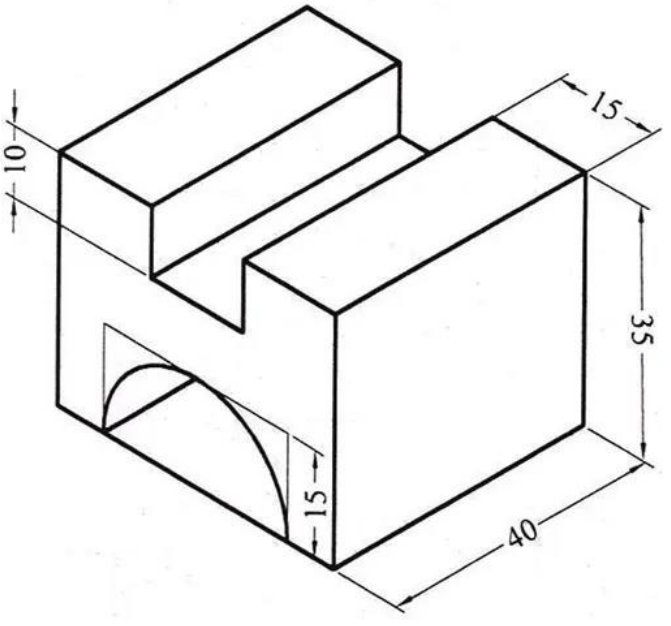




Dr. A.T.M. Saiful Islam
Associate Professor
EEE, BSMRSTU



Isometric View



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Associate Professor
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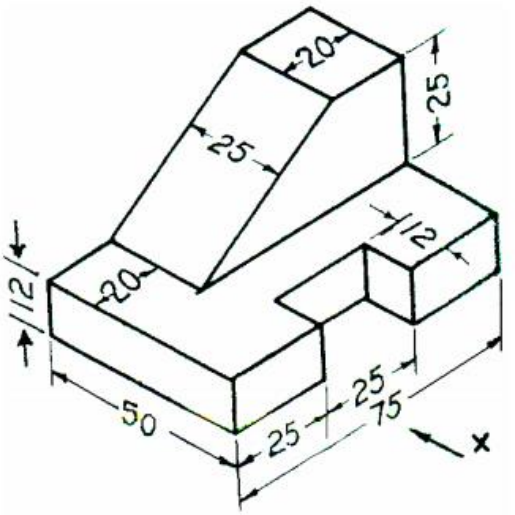
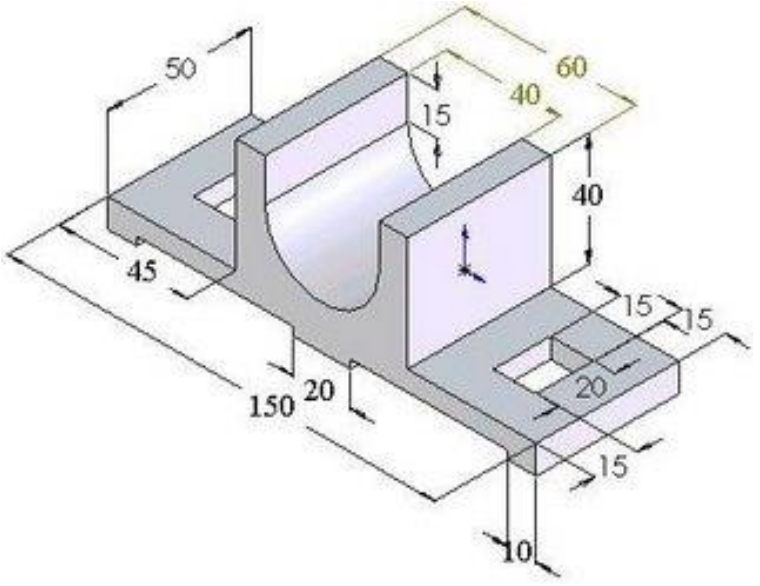
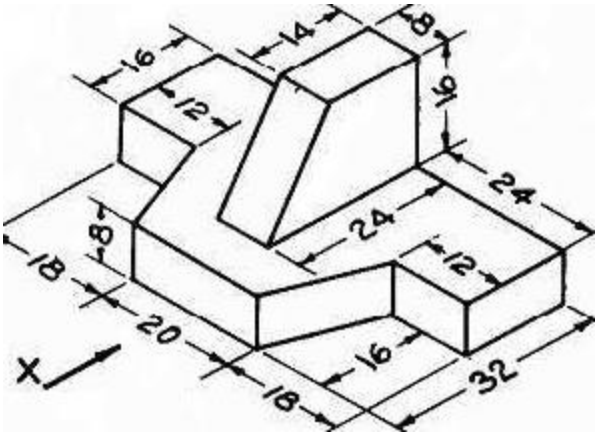
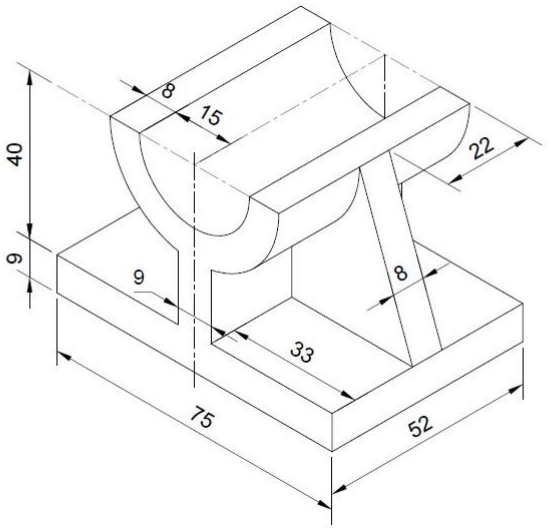


Fig: 1



Dr. A.T.M. Saiful Islam
Associate Professor
EEE, BSMRSTU





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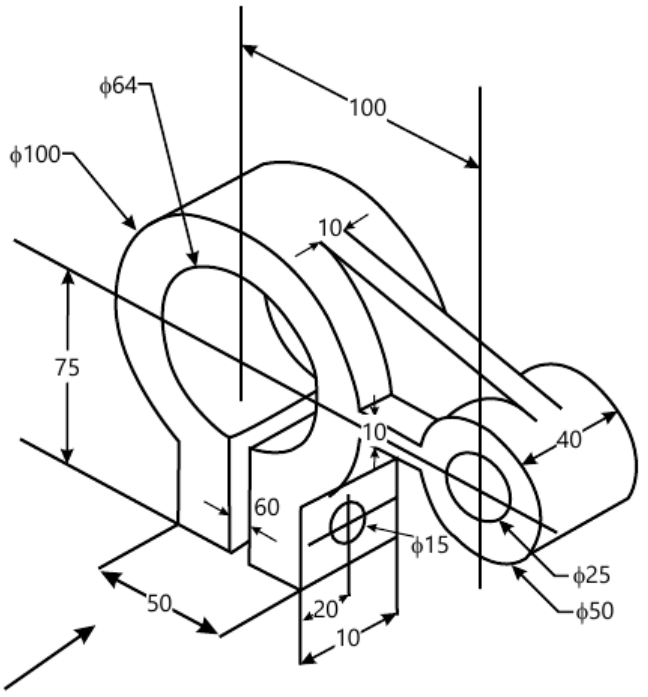

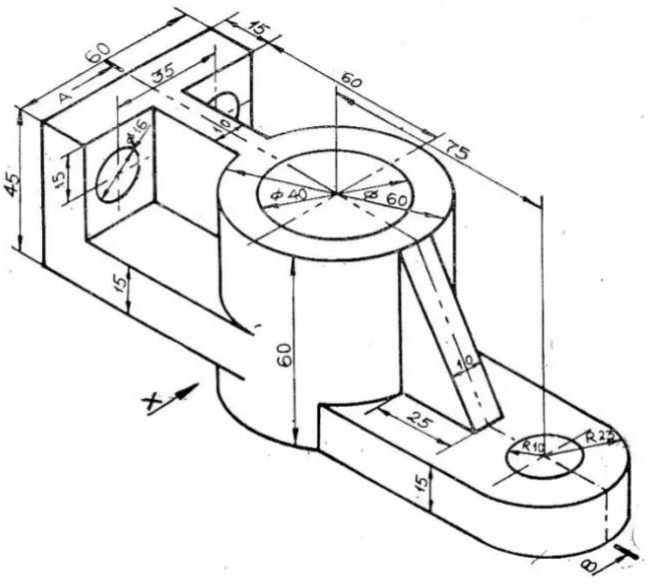

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