



1st Semester Civil & Chemical Engg.

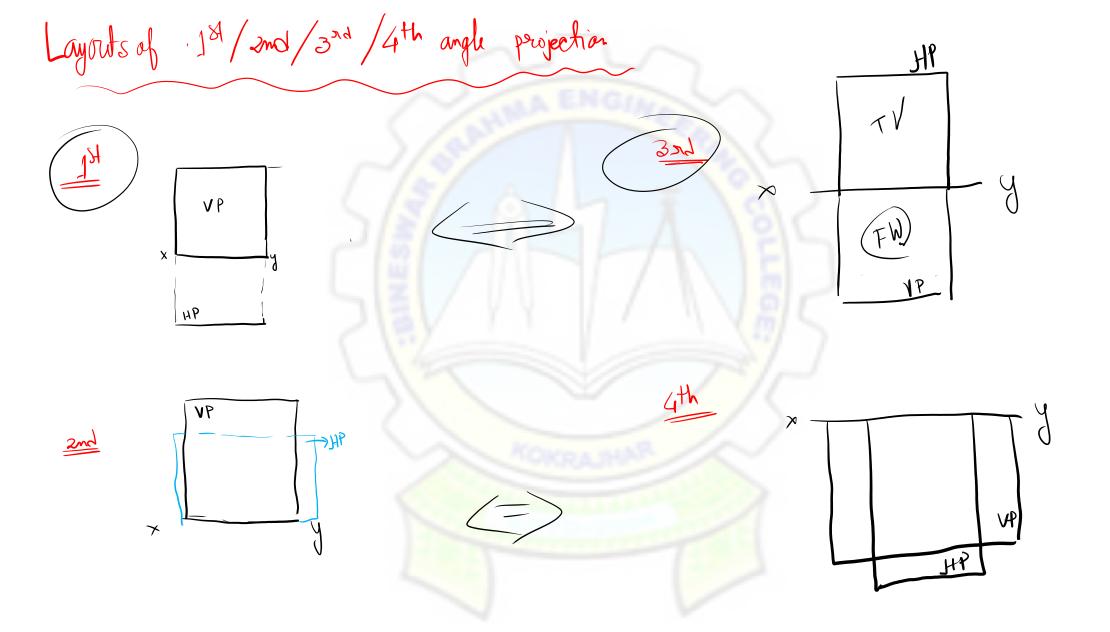
Engineering Graphics and Design

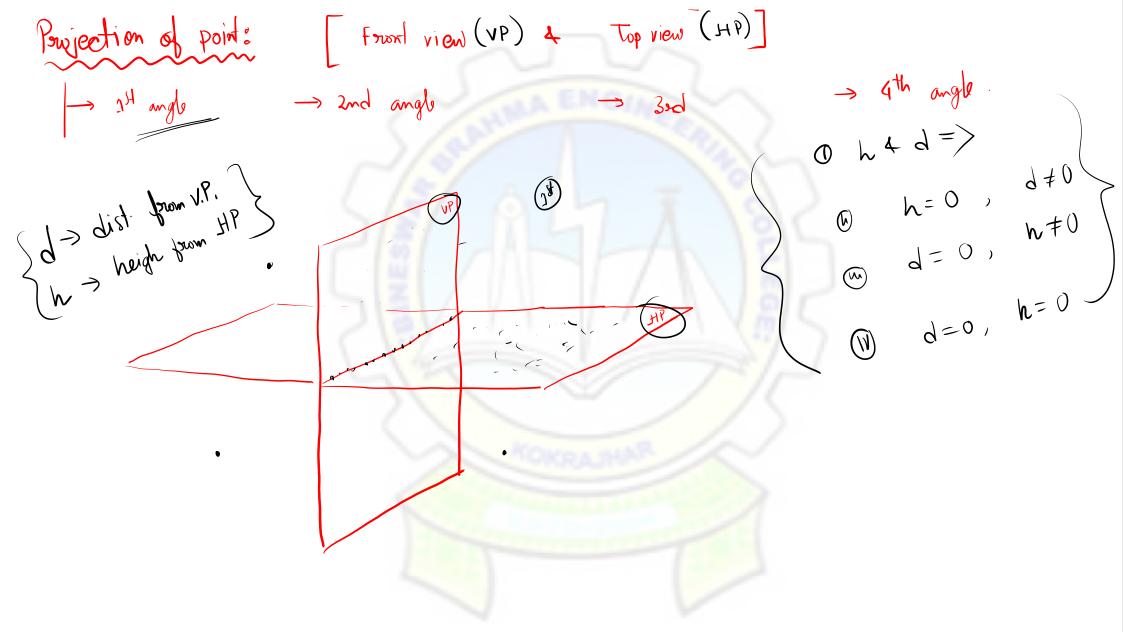
M-2: Projection of Points

Prepared By,

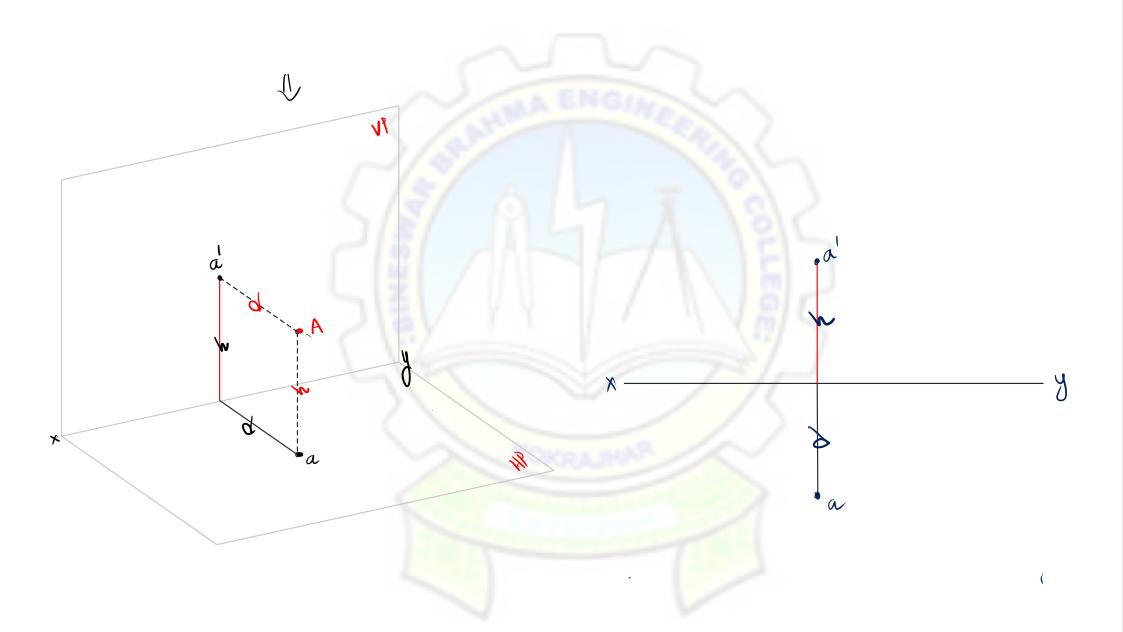
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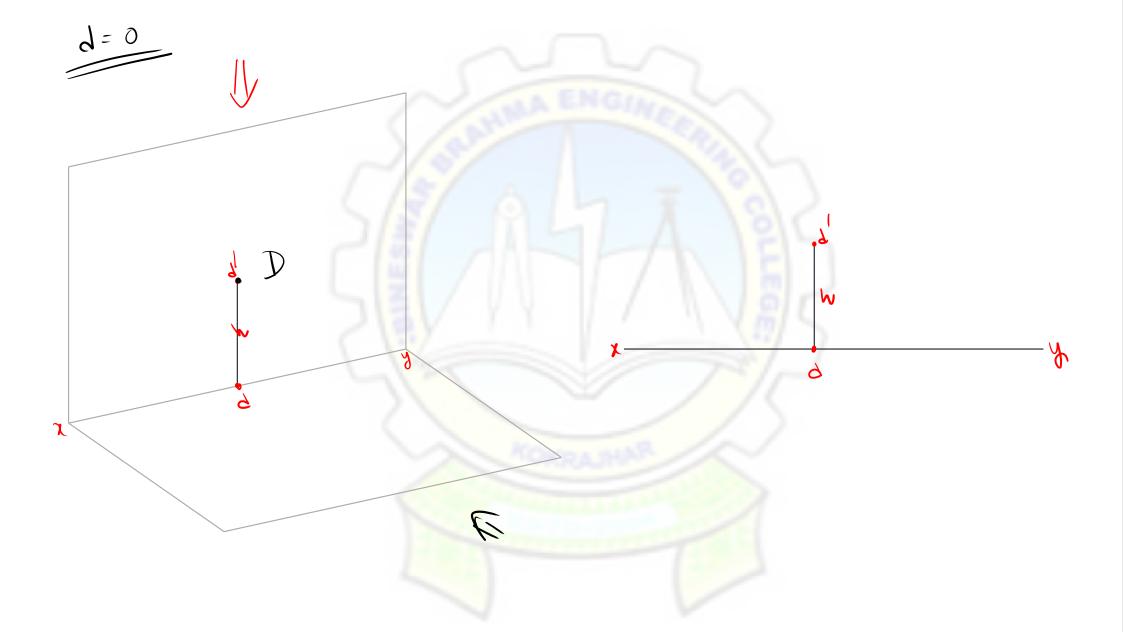


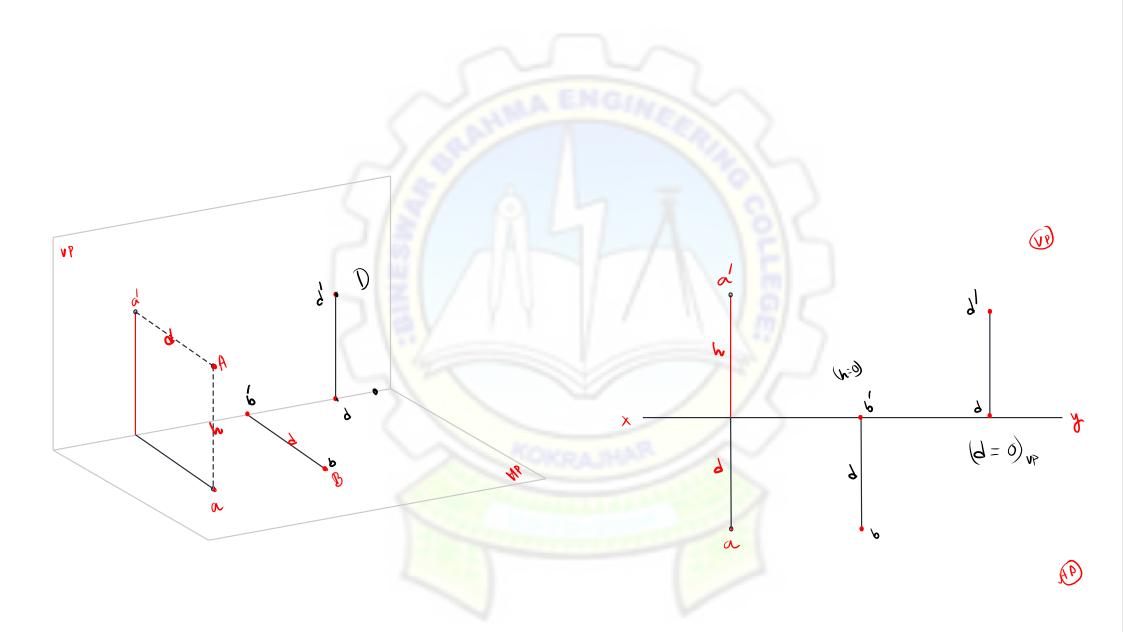


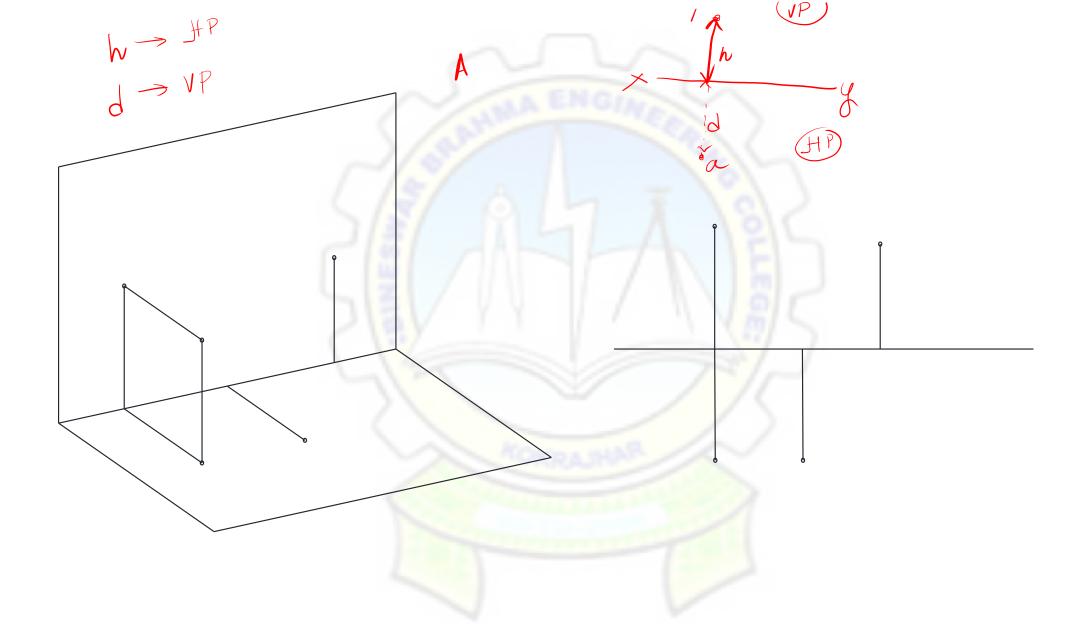
1st angle pow jection: Project a point, "A" which is height above 4.P and 2" distance infront of V.P. 18 (6,1) *

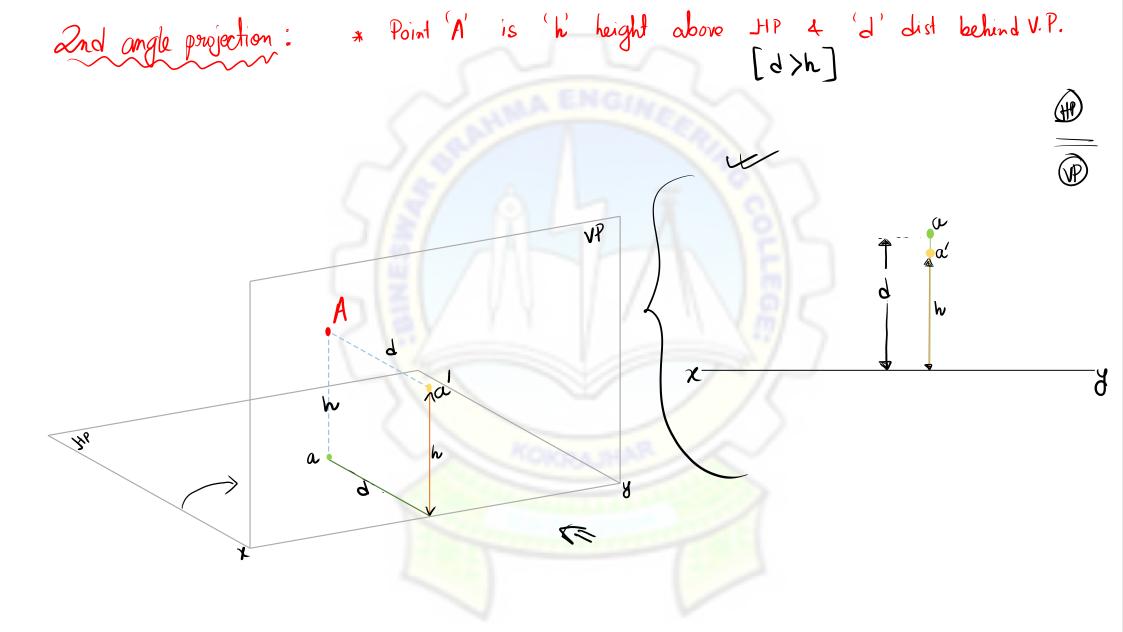


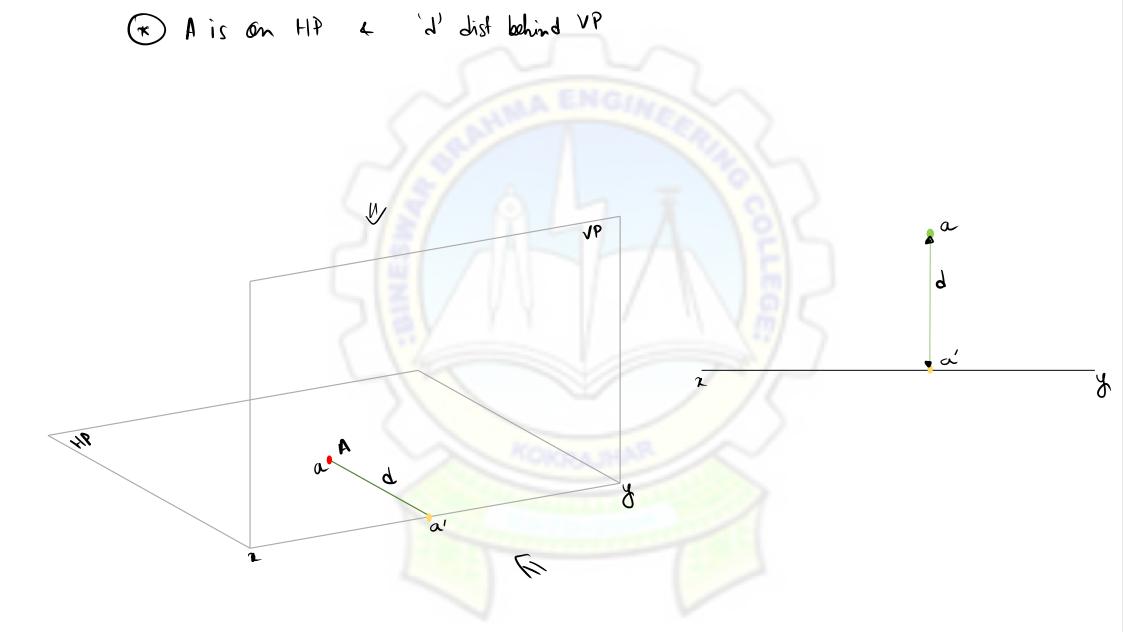
* Project a point B' which is dissectly on HP and d'dist improved of the VP. h = 0 d = 30mN=0 VP P M

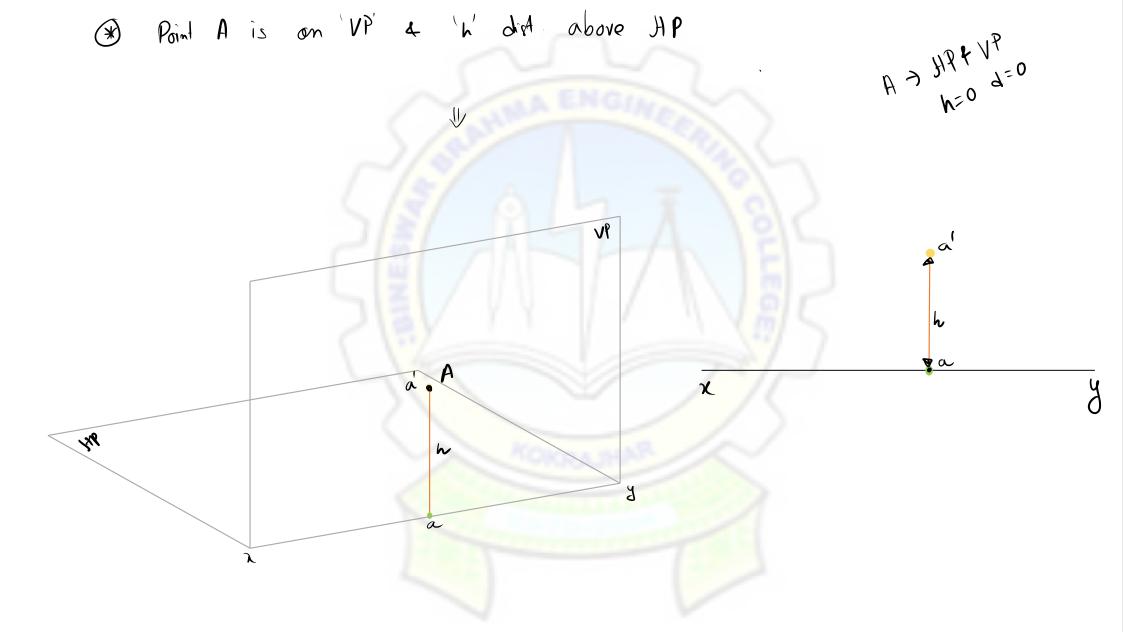


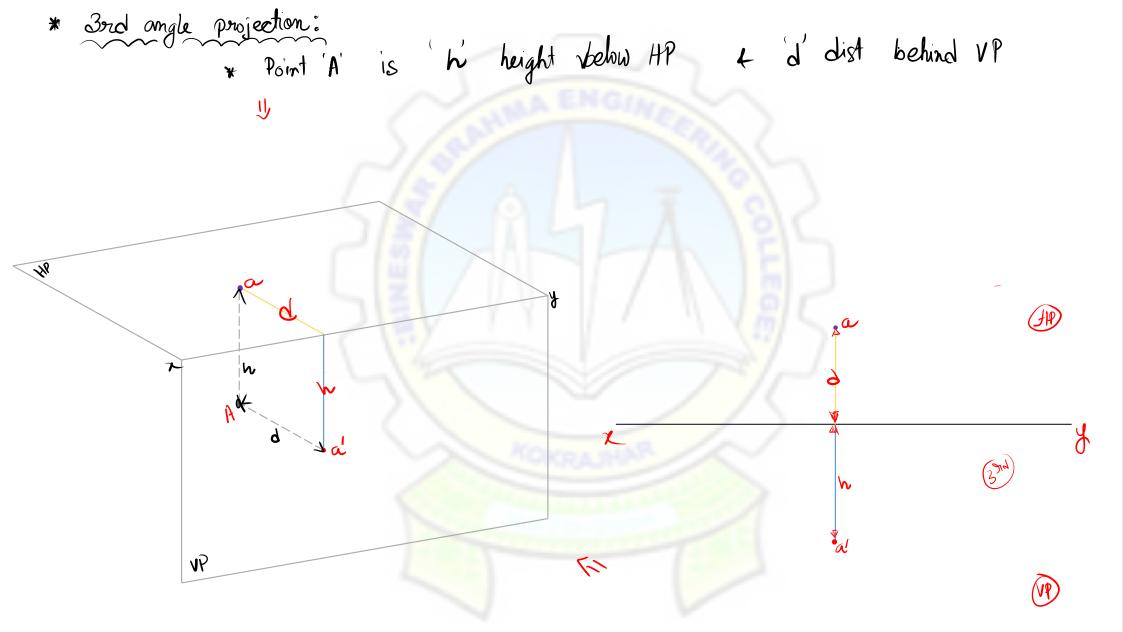


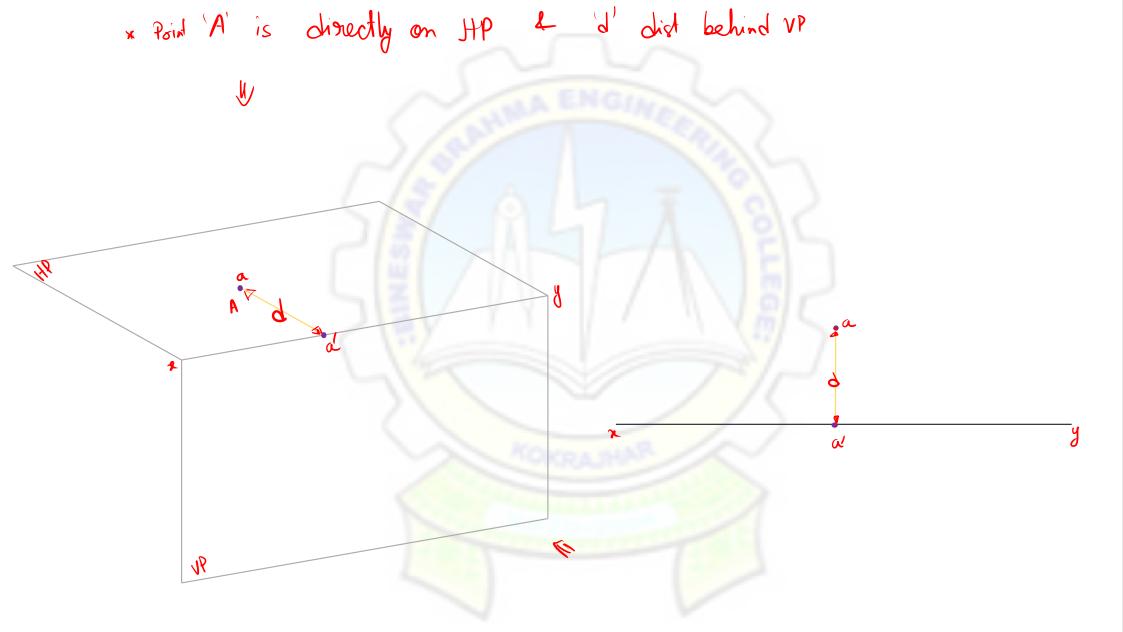


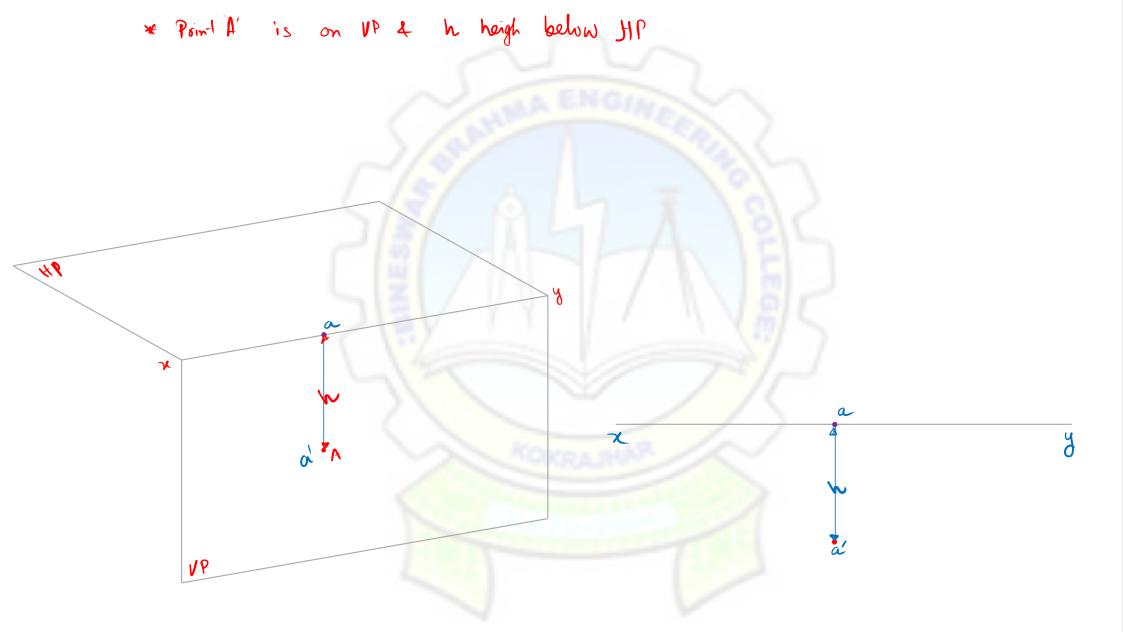


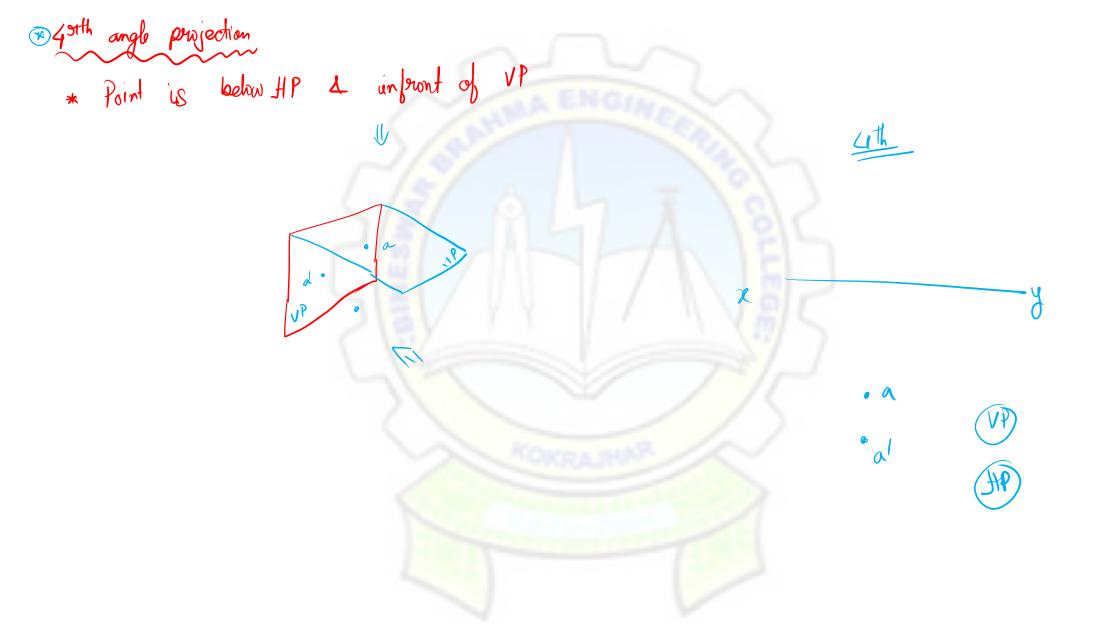










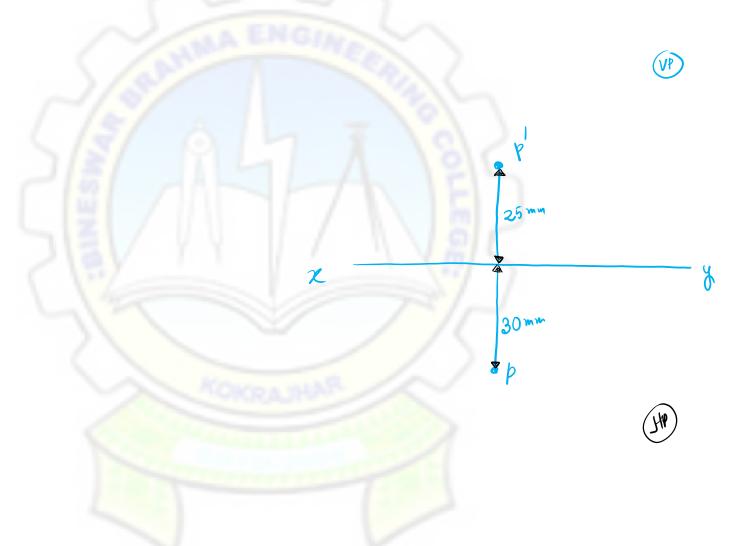


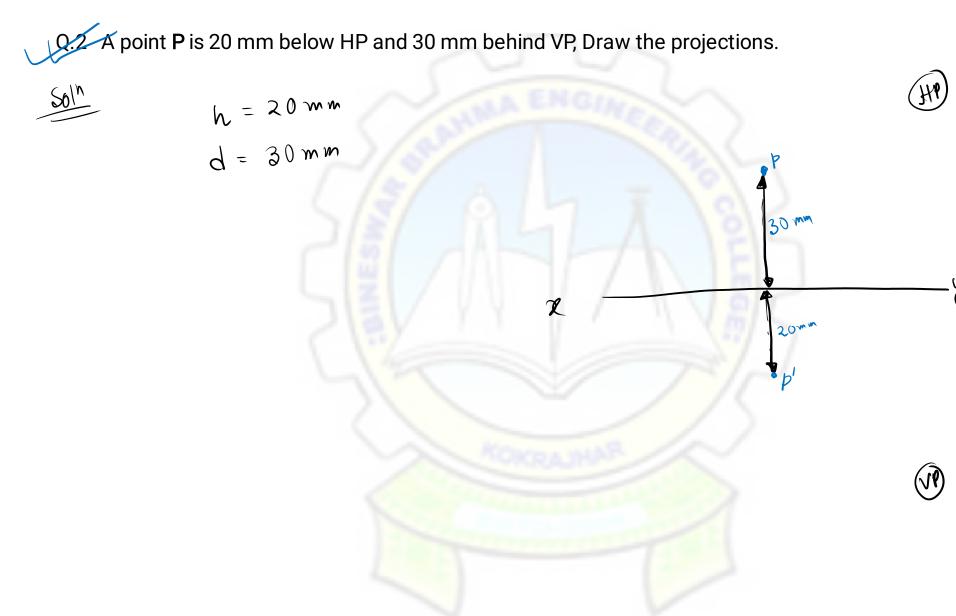
Q.1 A point P is 25 mm above HP and 30 mm infront of VP, Draw the projections.



$$h = 25 \, \text{mm}$$

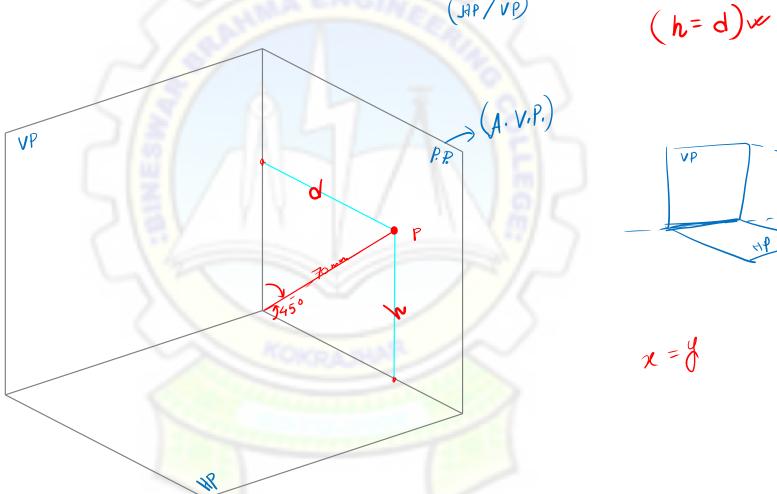
$$d = 30 \, \text{mm}$$

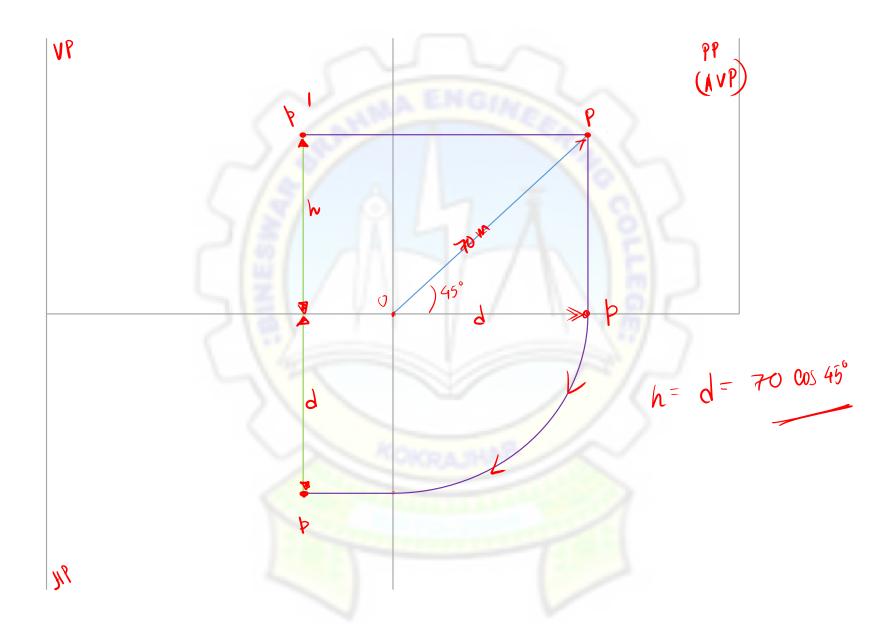




Q.3 A point P is in 1st quadrant. Its shortest distance from the intersection point of HP, VP and Auxiliary Vertical Plane perpendicular to HP and VP is 70 mm and is equidistant from both principal planes. Draw the

projection of the point and determine its distance from both HP and VP





Thank How