**ME 111 Engineering Drawing**

**Lab 9 Intersection of solids Monday Batch**

1. A cylinder 50mm dia. and 70mm axis is completely penetrated by another of 40 mm dia. and 70 mm axis horizontally Both axes intersect & bisect each other. Draw projections showing curves of intersections.
2. A square prism 30 mm base sides and 70mm axis is completely penetrated by another square prism of 25 mm sides. and 70 mm axis, horizontally. Both axes Intersect & bisect each other. Two faces of penetrating prism are 300 inclined to Hp. Draw projections showing curves of intersections.