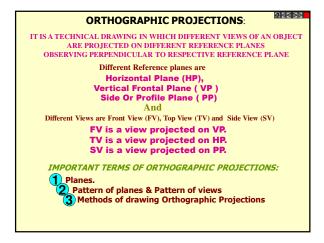
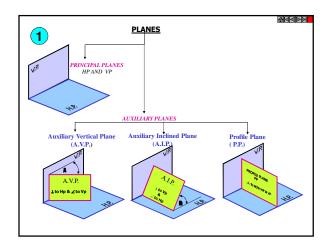
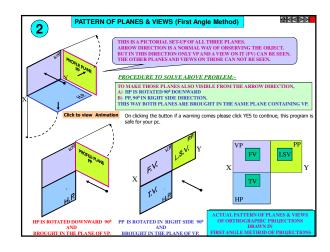
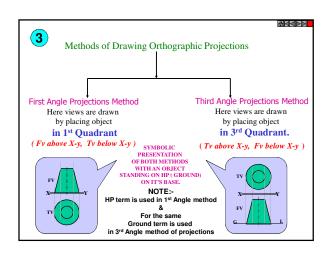
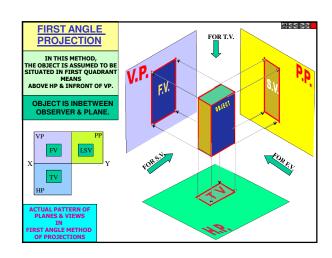
## Engineering Graphics & Drawing ESC/2-P By Dr. Vikas Gupta CDLSIET Panniwala Mota

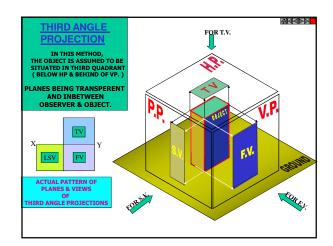


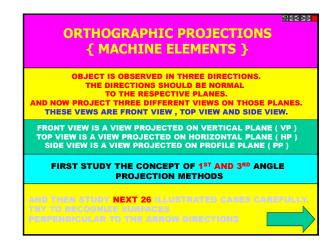


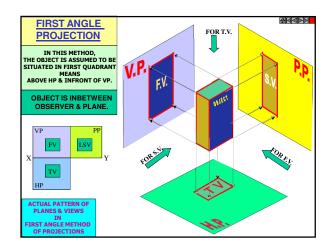


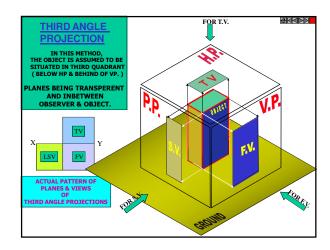


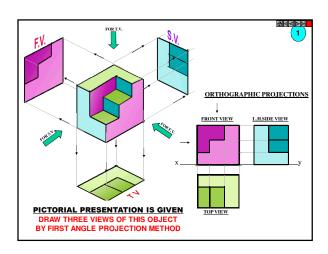


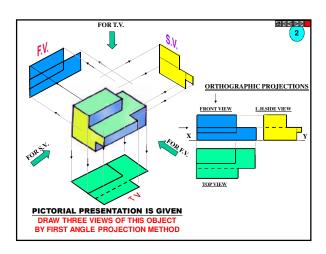


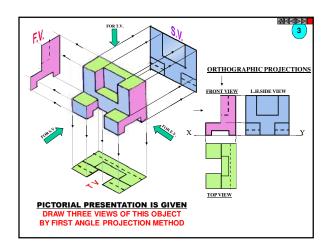


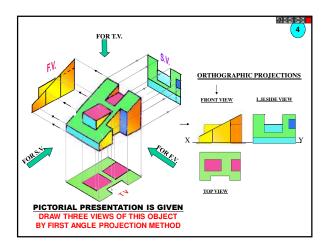


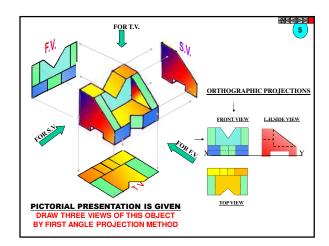


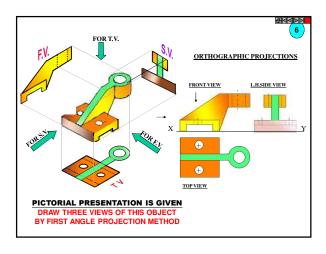


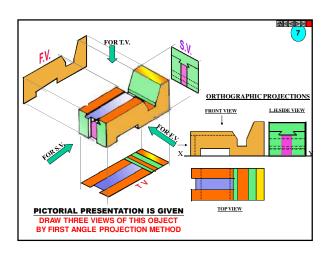


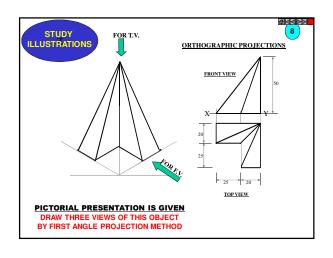


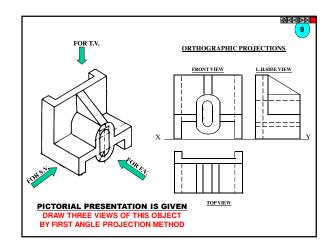


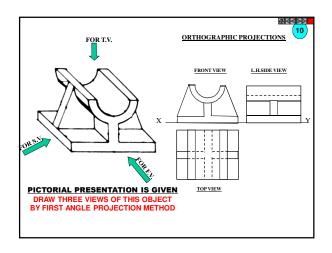


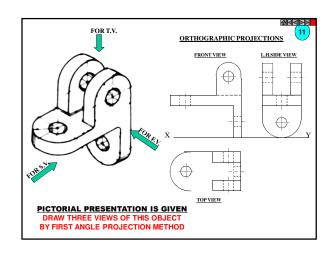


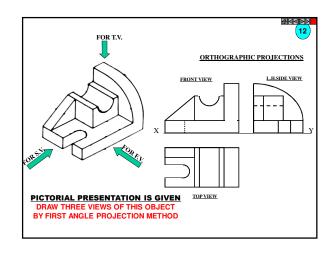


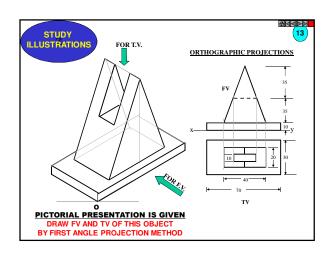


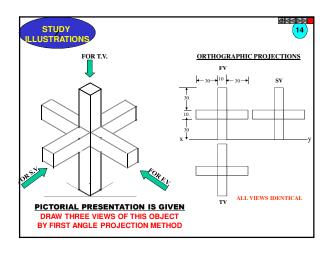


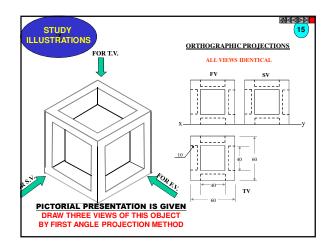


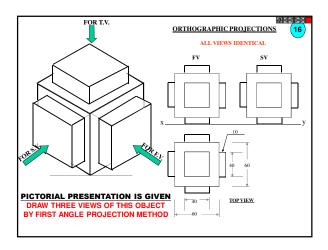


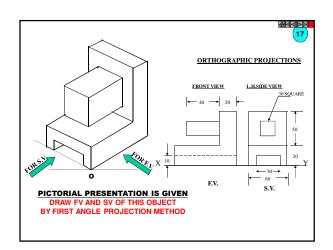


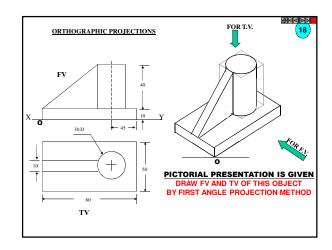


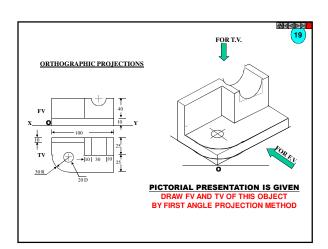


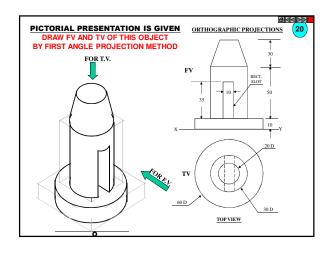


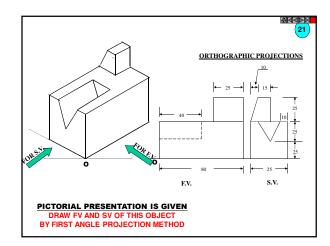


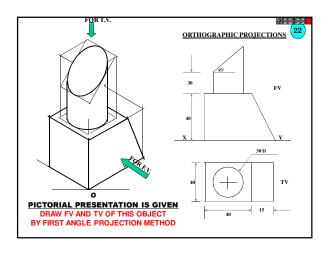


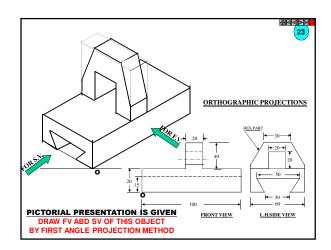


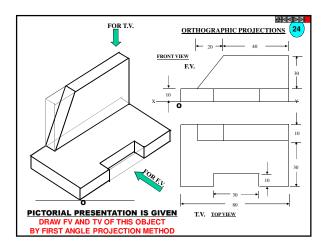


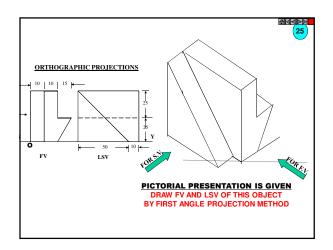


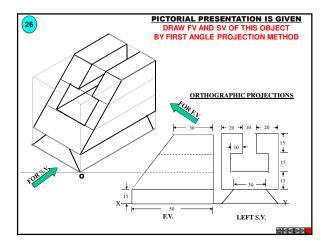




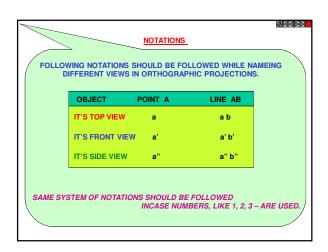


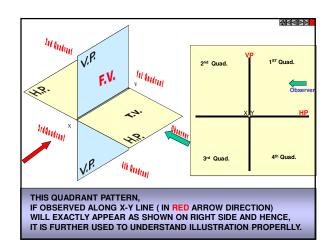


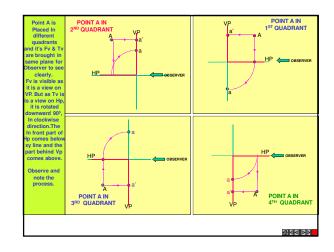


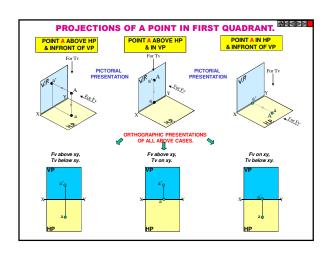


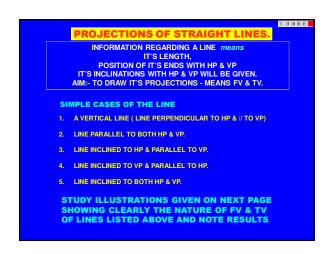


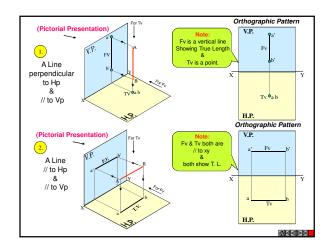


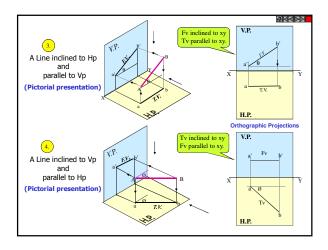


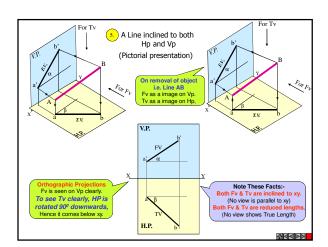


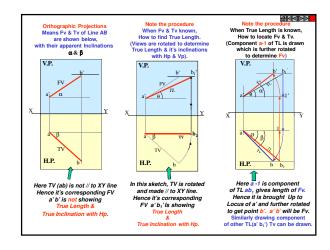


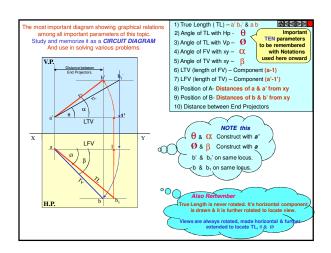


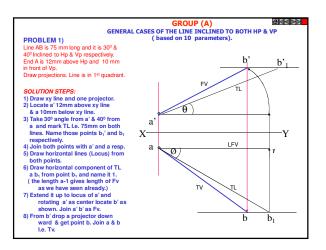












PROBLEM 2:
Line AB 75mm long makes 45° inclination with Vp while it's Fv makes 55°.
End A is 10 mm above Hp and 15 mm in front of Vp.If line is in 1st quadrant draw it's projections and find it's inclination with Hp.

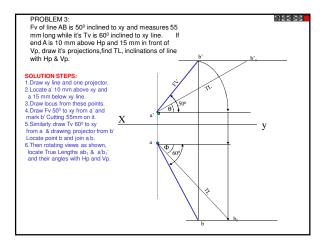
Solution Steps:

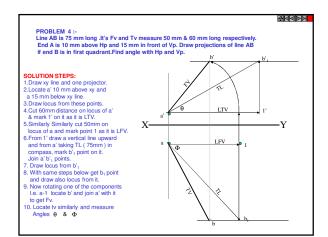
1.Draw xy line.
2.Draw one projector for a' & a
3.Locate a' 10mm above xy &
Tv a 15 mm below xy.
4.Draw a line 45' inclined to xy
to more it and name that point b,
Draw locus from point b,
Draw locus from point b,
Draw locus from point b,
Tile Solve xy line.
6.Draw a vertical line from b,
up to locus of a' and name it 7.
It is 1st Component of
Til & is Lt Component of
Tile a' b' is Tile and name it is the line
of Ev and name it b'. This a' b'
line is Fv.

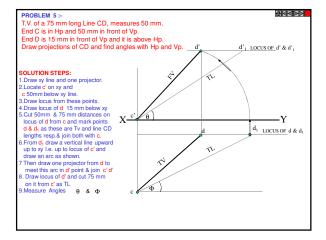
8. Droy a projector from b' on
home intersecting point b.
Line a b is Tv of line AB.
9.Draw locus from b' and from
a' with Til distance cut point b,
Tile a b' is Tv of line AB.
9.Draw locus from b' and from
a' with Til distance cut point b,
Tile to be a fixed from the surper it is angle at a'.

LOCUS OF b

It will be two angle of line with HP.







GROUP (B)

PROBLEMS INVOLVING TRACES OF THE LINE.

TRACES OF THE LINE:
THESE ARE THE POINTS OF INTERSECTIONS OF A LINE ( OR IT'S EXTENSION )
WITH RESPECTIVE REFFERENCE PLANES.

A LINE ITSELF OR IT'S EXTENSION, WHERE EVER TOUCHES H.P.,
THAT POINT IS CALLED TRACE OF THE LINE ON H.P.( IT IS CALLED H.T.)

SIMILARLY, A LINE ITSELF OR IT'S EXTENSION, WHERE EVER TOUCHES V.P.,
THAT POINT IS CALLED TRACE OF THE LINE ON V.P.( IT IS CALLED V.T.)

V.T.:- It is a point on Vp.
Hence it is called Fv of a point in Vp.
Hence it's Tv comes on XY line.( Here onward named as V )

H.T.:- It is a point on Hp.
Hence it's Fv comes on XY line.( Here onward named as 'h')

