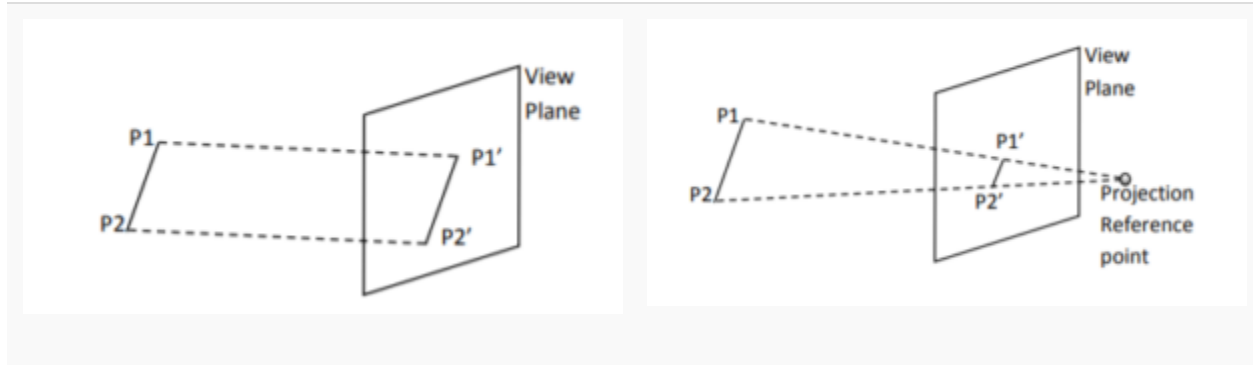


Light Pen

- A light pen is a light-sensitive computer input device, basically a stylus, that is used to select text, draw pictures and interact with user interface elements on a computer screen or monitor.
- It consists of photo cell and optical system placed in a small tube.
- When the tip of the pen is moved over the monitor screen and the pen button is pressed, its photocell sensing element detects the screen location and sends corresponding signal to the CPU.

Difference Between Parallel Projection And Perspective Projection :

1	Parallel Projection represents any given object in a different way like a telescope.	Perspective Projection represents any given object in a three-dimensional manner.
2	In Parallel Projection, the Centre Of Projection is located at infinity.	In Perspective Projection center Of Projection is located at a finite point in 3 spaces.
3	A projector in parallel projection is parallel.	A projector in perspective projection is not parallel.
4	Parallel projection divided into Two type <ul style="list-style-type: none">• Orthographic Parallel Projection• Oblique Parallel Projection	Perspective Projection divided into Three type <ul style="list-style-type: none">• One point perspective• Two point perspective• Three point perspective
5	It does not form a realistic view of the object.	It forms a realistic view of objects.



Vanishing Point :

The point at which sets of projected lines appear to converge is called vanishing point or point of convergence.

Principal vanishing point :

If any one vanishing point is parallel to the principal axis of an object then it is called principal vanishing point.

