

## ENG104 Technical Drawing (0+0+1 1 Unit)

Introduction to engineering drawing as a means of communication, use of drawing instruments, drawing paper format, types of lines and their uses in engineering drawing, plane geometry, circles and tangents, conic sections, Loci (cycloid, epicycloids, hypocycloid, involute, Archimedean spiral, Eclipse, hyperbola, parabola, including approximate method), theory of projection, parallel projection, orthographic projection, axonometric projection, perspective projection multi-view representation, 1st and 3rd angle projection, isometric drawings, oblique drawings, Freehand sketching.