



COLLEGE OF TECHNOLOGY AND ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

1 YEAR BE I SEMESTER SESSION 2015-16

1. Course Code : **CE 115**
2. Course Title : **ENGINEERING DRAWING**
3. Credit : 1(0+1)
4. Theory Lecture Outlines :
 1. Introduction and letter writing.
 2. Construction and use of plain, diagonal and vernier scale
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 4. Construction and use of plain, diagonal and vernier scale
 5. Methods of drawing ellipse, parabola and hyperbola.
 6. Methods of drawing cycloids, spirals.
 7. Orthographic projection and projection of points.
 8. Orthographic projection and projection of points.
 9. Projection of lines, projection of planes
 10. projection of soli
 11. Introduction of prism, pyramid, cylinder and cone.
 12. Section of solids,
 13. introduction of intersection of surfaces
 14. Development of plane and curved surface
 15. Isometric projection

Text/Reference

1. N.D. Bhatt. Elementary Engineering Drawing, Rupalee publication, Anand.
2. Lakshmi Narayan and Vaishwanar. A Text Book of Practical Geometry, Jain Brother, New Delhi.
3. R.B. Gupta. A Text Book of Engineering Drawing, Satry Prakashan, New Delhi.
4. Fundamentals of Technical Drawing, Parkinson.

(Dr. B.S. Singvi)
Prof.& Head (Civil Engg)