6CE148 Computer Aided Design

L-T-P-Cr: 3-0-0-3

Theory: 1. Engineering design principles, interactive design using work station, and software tools. 10 Lectures

2. Computer graphics, Introduction to GKS, Star base Libraries. 10 Lectures

3. Computer aided design and drafting, data base management system, simulation and optimization. 12 Lectures

4. Applications in Civil Engineering, structural design. 10 Lectures

Books: 1. Holland, L., Chappell, E., Mastering AutoCAD Civil 3D 2014, John Wiley & Sons Publication, 2013. 2. Chappell, E., AutoCAD Civil 3D 2015 Essentials, John Wiley & Sons Publication, 2014.