

**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING**

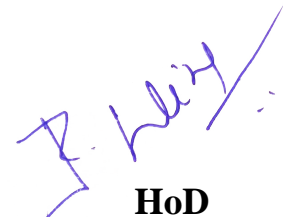
CADD LABORATORY

**17CVCC88 - COMPUTER AIDED DESIGN AND DRAWING LAB
*2017 Regulation***

VI Semester B.E. Civil Engineering

LIST OF EXPERIMENTS

1. Design and drawing of R.C.C. cantilever and counter fort type retaining walls with reinforcement details
2. Design of solid slab and R.C. Tee beam bridges for IRC loading and reinforcement detail
3. Design of rectangular, pressed and hemispherical bottomed steel tank – staging –riveted joints detailed drawing
4. Design of circular, rectangular and intze type water tank reinforcement details
5. Design of plate girder – twin girder deck type railway bridge – through type and deck type highway bridges – Truss girder bridges – detailed drawing – riveted connection



HoD