



NRI – INSTITUTE OF RESEARCH & TECHNOLOGY

(Run By Taramathi Education Society)

(Approved by AICTE New Delhi, Govt. of M.P. And Affiliated to R.G.P.V. Bhopal)

1, Sajjan Singh Nagar, Opp. Patel Nagar, Raisen Road Bhopal MP- 462022

Tel No. 0755-2684058-60 Ext.-507 Fax: 0755-2684059

website: www.nrigroupindia.com

NIRT

Civil Engineering, III-Semester

Subject Name- Building Planning & Architecture

Subject Code-CE304

List of Experiments

1. Sketches of various building components.
2. Drawing of various building components containing doors, windows ventilators, lintels and arches stairs foundations etc.
3. Drawings for services and interiors of buildings.
4. Drawings containing detailed planning of one/two bed room residential building (common to all student)
5. Drawing of residential and institutional building (Each student performs a different drawing).
6. Use of Auto CAD for preparation of drawings.



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Civil Engineering, III-Semester

Subject Name-Strength of Materials

Subject Code-CE305

List of Experiment

1. Study of Universal testing machine
2. To determine the compressive and tensile strength of materials.
3. To determine the Brinell hardness of materials.
4. To determine the Rockwell hardness of materials
5. To determine the toughness of the materials.
6. To determine the stiffness of the spring
7. To determine the deflection of beam by the use of deflection-beam apparatus.



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Civil Engineering, III-Semester

Subject Name- Study of Historical & Ancient Civil Engineering Practices

Subject Code-CE306

List of Experiment:-

1. Detailed study report on various aspects e.g. environmental practices, constructions techniques and materials, planning etc. of any one important ancient structure alongwith relevant sketches/drawings etc. and its presentation before departmental committee.