



# 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)

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## CIVIL ENGINEERING

### SEMESTER- VIII

### SUBJECT NAME – DESIGN OF STEEL STRUCTURES

### SUBJECT CODE – CE801

#### LIST OF EXPERIMENTS:

1. Draw the lay out of different types of Rivet connections.
2. Draw the neat sketch of staggered joints and show pitch, gauge and edge distance.
3. Draw the plan and elevation of Grillage foundation.
4. Draw the plan and elevation of slab base.
5. Draw the plan and elevation of Gusset base.
6. Draw the neat sketch of column made by channel section with necessary arrangement of lacing and battening.
7. Draw the neat sketch of column made by angle section with necessary arrangement of lacing and battening.