

SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU
DEPARTMENT OF CIVIL ENGINEERING
III Year First Semester, Academic Year 2018-19
I -Assignment

Subject: CE-3102 Steel Structures-1, Mr. M.Chandra Kanth

Batches 1 to 8

1. Give a clear note on History, location and technical details of Ikitsuki Bridge.
2. State the situations where the steel structures were preferred and explain clearly.
3. a) What is the Difference between IS800-1984 & IS800-2007.
b) Merits & demerits of limit state method compare with working stress method.
4. What are the latest design techniques and software's for steel structures? Explain briefly .
5. a) Mention the different types of steel structures. Explain briefly with photographs.
b) Types of roof trusses their uses & different types of load acts on roof truss.
6. What are the different types of connections in steel structures? Recent techniques in connections.
7. What are the Famous & Recent steel structures in India? Explain briefly with photographs.
8. Compare steel structures over RCC structures? Explain briefly.
