TEACHING RESOURCE MATERIAL FOR TEACHERS
OF
CIVIL & STRUCTURAL ENGINEERING
FOR
DIPLOMA CIVIL ENGINEERING COURSES IN STEEL

(As per AICTE Model Curriculum for Diploma Courses in Engineering & Technology)

[Course Code CEPC301 and CEPC305]

CONTENTS

5. LATERALLY RESTRAINED BEAMS

- INTRODUCTION
- BEHAVIOUR OF STEEL BEAMS
- SHEAR BEHAVIOUR OF STEEL BEAMS
- LIMIT STATE OF SERVICEABILITY – DEFLECTION
- LIMIT STATE DESIGN OF STEEL BEAMS AS PER NBC 2016/ IS 800:2007
- BUILT-UP BEAMS
- CONCLUDING REMARKS
- REFERENCES
- WORKED OUT EXAMPLE
- SUMMARY