TEACHING LEARNING MATERIAL



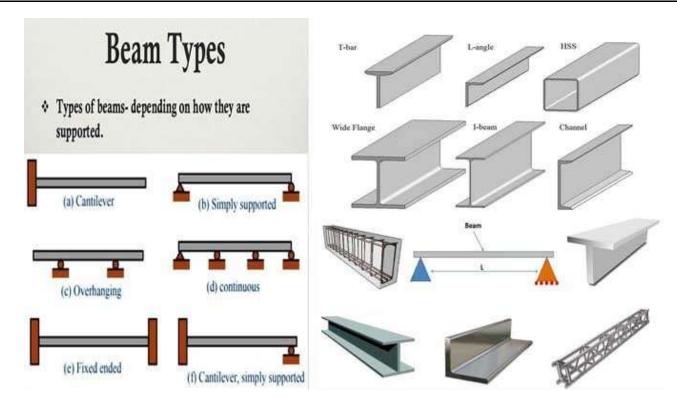
BRANCH: MECHANICAL ENGINEERING

SEMESTER: 3RD SEMESTER

SUBJECT: STRENGTH OF MATERIAL

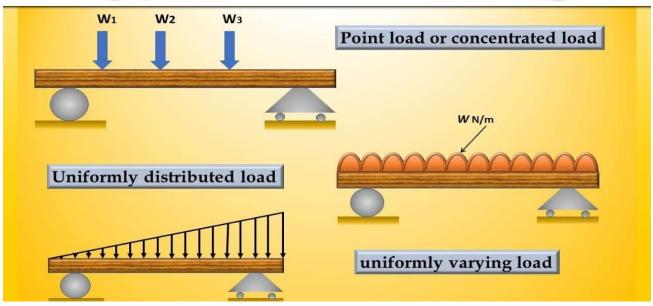
PREPARED BY: ER. SANJAY KUMAR PANIGRAHY &

ER. SUNIL KUMAR SABAT

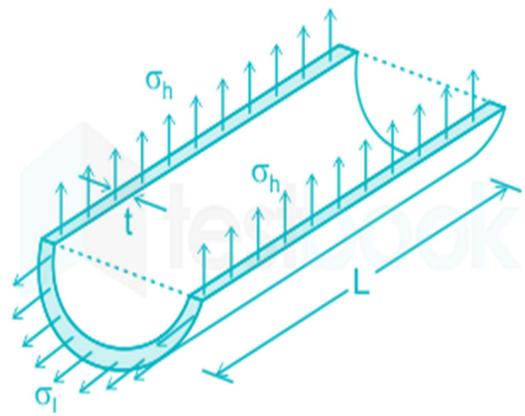


TYPES OF BEAM

Types of Loading

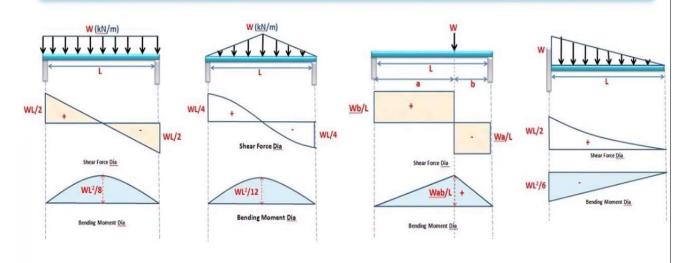


TYPES OF LOADS ACTING ON BEAM

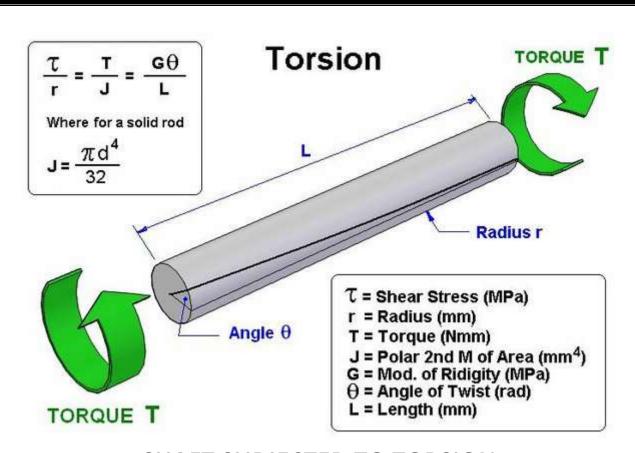


THIN CYLINDRICAL SHELL(FAILURE)

Bending Moment and Shear Force Diagram
For Various types of loading Condition



SFD & BMD OF BEAMS



SHAFT SUBJECTED TO TORSION