

VISHWAKARMA INSTITUTE OF TECHNOLOGY

Department of Engineering, Sciences and Humanities

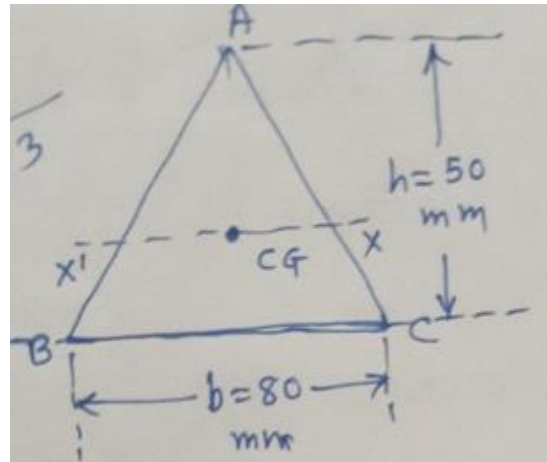
FY – 2022-2023 -SEM 1

ES1035: Robot Mechanics and Electronics

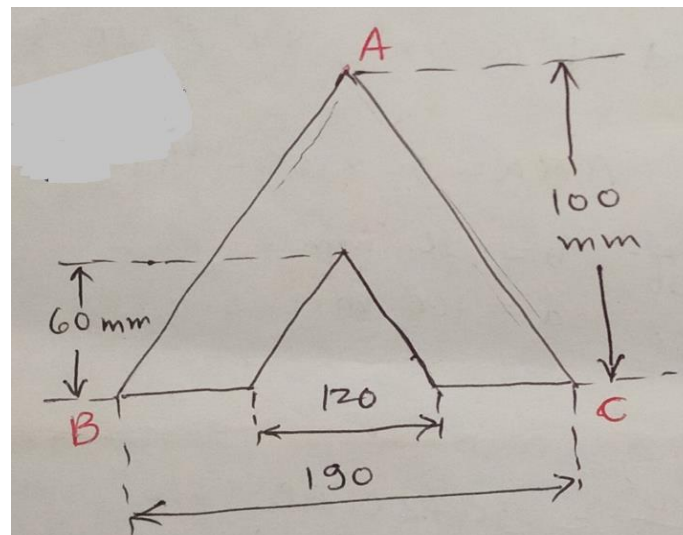
HOME ASSIGNMENT NO 4

Moment of Inertia

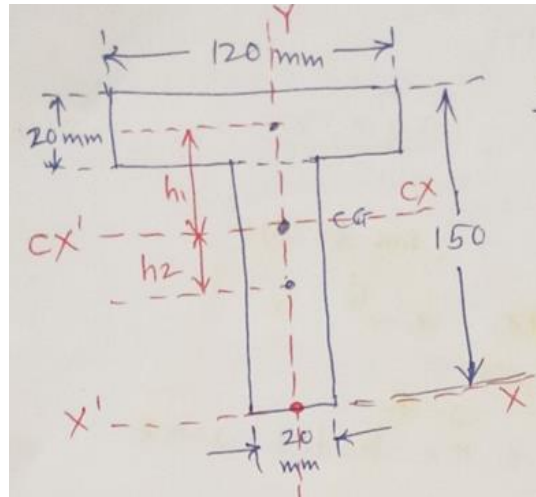
- 1) Calculate Moment of Inertia of the isosceles triangle about XX' and BC axis.



- 2) Calculate Moment of Inertia about BC axis.



3) Find MI of the T section about the Centroidal X and Y axes



Important Note: Last date of assignment submission is 06th Feb 2023.