

**DEPARTMENT: MECHANCIAL** 

**SEMESTER: 7<sup>th</sup>** 

SUBJECT NAME: MFA SUBJECT CODE: 2171913

## **Assignment -2**

- 1. Derive the relationship between yield strength in Shear and Yield strength in tension according to Tresca's hypothesis.
- 2. Why most metals obey Von-Mises Yield condition? Explain it in detail.

