



**MOTHER TERESA**  
**INSTITUTE OF SCIENCE & TECHNOLOGY**  
**Permanently Affiliated to JNTUH, Hyderabad**  
Recognition under Section 2(f) & 12 (B) of the UGC Act, 1956  
AN ISO 9001:2008 CERTIFIED INSTITUTION  
SANKETIKA NAGAR, SATHUPALLY – 507303, KHAMMAM Dist., TELANGANA



**Department of mechanical Engineering**

**MACHINE TOOLS & METROLOGY LAB**

**Objective:**

- To create awareness on various mechanical measuring instruments.
- To make students familiar with various operations on machine tools.

**Outcomes:**

1. Hands on experience on lathe machine to perform turning, facing, threading operations.
2. Practical exposure on flat surface machining, milling and grinding operations.
3. Skill development in drilling and threading operations.
4. Linear and angular measurements exposure