



**NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**ADVANCED MANUFACTURING LABORATORY**

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**List of experiments perform:**

- 1. Static load testing using Dynamometer.**
- 2. Dynamic load testing using Dynamometer and determine the surface roughness of the machined sample.**
- 3. Single pass cut of a given job using wire EDM and to determine the Material Removal Rate (MRR).**
- 4. Multi pass cut of a job using wire EDM and to determine the surface roughness of the job.**
- 5. To understand how to operate Thermal image camera.**