**WELLFARE INSITUITE OF SCIENCE TECHNOLOGY & MANAGEMENT**

DEPARTMENT OF MECHANICAL ENGINEERING

MANUFACTURING TECHNOLOGY LAB

LIST OF EXPERIMENTS

Use of basic tools and operations of the following trades.

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| S. No. | Trade | No. of exercises |
| 1. | Foundry | 3 |
| 2. | Welding | 2 |
| 3. | Lathe Step and taper turning | 1 |
|  | Thread cutting  Offset turning | 1  1 |
| 4. | Milling | 1 (Spur gear) |
| 5. | Shaper | 1 |

6. Cylindrical grinding, Surface grinding, Planing, Slotting and Capstan lathe (only demonstration in one class for the entire batch of students).

1. Dissembling and assembling of \*
   1. Machine Tool (Lathe)
   2. I.C. engine
   3. Pump
   4. Gear box