Mechanical & Production Engineering Department

MANUFACTURING RESEARCH LAB

Name of Lab In charge I/II: Dr. Amrinder Singh Pannu/ Er. Gulraj

Singh

Name of Lab Technician: Sh. Puran Singh

Name of Lab Attendant: Sh. Shingara Singh

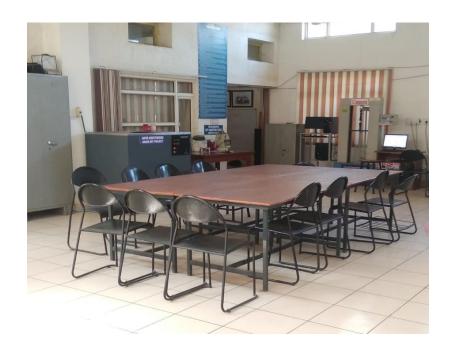
List of Major Equipments:

1. Air jet erosion tester

- 2. Pin On Disk setup
- 3. Cryogenic ball milling system
- 4. Melt flow index tester
- 5. Metallurgical microscope
- 6. Tool Maker's microscope
- 7. Ultimaker 3D printer
- 8. Universal testing machine
- 9. Vacuum Oven
- 10. Vertical milling machine
- 11.Single screw extruder
- 12. Vapor Smoothening system
- 13. Abrasive Cut off machine
- 14. Shieve Shaker
- 15. Vibratory Finishing machine
- 16. Vaccum oven with pump
- 17.Metallurgical sample saw
- 18. Double disk polishing machine
- 19. Micro Vickers hardness tester
- 20. Ultrasonic cleaning tank
- 21.U-print 3D printer
- 22. Twin screw extruder
- 23. Differential scanning calorimetry (DSC)

24. Fourier transform infrared spectrometer(FTIR)

Floor Area: 40×50 sq. foot





Manufacturing Research Lab



Air Jet Erosion Tester



Pin-on-disk testing unit



U-Print 3D printer



Ultimaker 3D printer