



DEPARTMENT WISE EQUIPMENT DETAILS

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FIRST YEAR ENGINEERING DEPARTMENT

Sr. No.	Name of the Department	Total No. of Labs
1	First year engineering Department	4

Sr. No.	Name of the Laboratory	Labs Location
1	ENGINEERING PHYSICS LABORATORY	A-304A
2	LANGUAGE LABORATORY	A-118
3	ENGINEERING CHEMISTRY LAB	A-203A
4	BASIC CIVIL AND MECHANICAL ENGG.	A-205



MITCORER, BARSHI

LAB 1: ROMM NO:304A

LAB NAME: ENGINEERING PHYSICS LABORATORY



- 1)Lamp Box wooder
- 2)Sodium vapour lamp
- 3)Micrometer screw gauge
- 4)Chart semiconductor
- 5)Energy ad gap kit make source
- 6)Hall effect kit
- 7)Energy gap of a semiconductor
- 8)Photovoltaic cell kit
- 9)Chart light polarization
- 10)Chart nuclear radiation detector
- 11)Half shade polarimeter
- 12)Fiber optics
- 13)Digital multimeter
- 14)Microscope



LAB 1: ROMM NO:A-118

LAB NAME: LANGUAGE LABORATORY



Hardware: Dell Desktop 18. 5" LCD, Intel i3 -8400, 1X8GB DDR4 RAM, 1TB GB HDD, Dell Wired Keyboard, Dell Optical Mouse, Headphones

Software (if applicable): Windows 10, ETNL LANGUAGE LAB , Turbo C, C++

LAB 1: ROMM NO: A-203A

LAB NAME: ENGINEERING CHEMISTRY LAB



- 1) PH Meter
- 2) Colorimeter
- 3) Weighing Balance
- 4) Water Distillation Assembly Water Still
- 5) Water Bath
- 6) Magnetic Stirrer



LAB 1: ROMM NO: A-205

LAB NAME: Basic Civil And Mechanical Engg.



- 1) Domestic Refrigerator
- 2) Four stroke petrol engine working model
- 3) Single stage Helical and spiral gear
- 4) Universal coupling
- 5) Air conditioner
- 6) Flexible coupling
- 7) Band and block brake
- 8) Box or Muff coupling