



**Consultancy services  
Offered by  
Department of Mechanical Engineering**

1. Composite Material specimen Preparation using Vacuum Bagging Method
2. Tensile, Flexural Modulus prediction using UTM 5000kgf Computerised Machine
3. Izod and Charpy Impact testing of composite materials
4. Thermal conductivity Measurement of composite materials

For further details contact,

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**In R&AC R&D Laboratory:**

1. Performance Test of Refrigerator Using R134 or R600a as a Refrigerants can be experimented.
2. Performance test on 1.5 ton R22 Air conditioner can be experimented.
3. Performance test on 1.5 ton R410a Air conditioner can be experimented.
4. Performance test of Both Cooling and Heating can be done on a Hybrid Condenser.
5. Nano Lubricants performance analysis on Various Compressors can be experimented for further analysis.
6. Effect of Insulations on G & L Pipelines can be experimented.
7. Composite Insulations Preparation & Testing Facilities are available in R&AC R&D Laboratory.

Works related to Refrigerators, Air conditioners, Heat Pumps, Nano lubricants, Refrigeration Insulations can be carried out in this Laboratory.

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