

### **Facilities in the Department:**

The department has all the facilities to cater the academic and research needs.

**Departmental Library:** The department has a rich and updated library to support the academic needs of faculty, research scholars and students. It has over 5500 text and reference books with titles spread over all area of chemistry and allied subjects. The library also has audio and video aids to keep learners informed about recent developments in the subject.

**Journals:** The department has online access through Central Allama Iqbal Library to the most research journals of national and international repute.

**Laboratories:** The department simultaneously runs 11 laboratories, six for students and five for research scholars in the three branches of Inorganic, Organic and Physical chemistry.

**Instrumentation:** The department is well equipped with all the necessary instrumentation for the laboratory courses and also houses following sophisticated research grade instruments.

- Perkin Elmer FTIR
- Kruss Tensiometer
- Shimadzu UV- Visible Spectrophotometer with thermostatic control.
- Eutech Ultra precision Ion meters
- Amino acid analyzer.
- Flame photometer.

The department also has access to the following sophisticated instruments which are available as central facility in USIC and other departments:

Atomic absorption spectrometer.

Ultra centrifuge

Ion chromatograph

Tunneling electron microscope

Spectrofluorometer

The department has 20 KVA generator for continuous power supply.

**Computer Lab:** The department has a well equipped computer lab. For the computer courses in chemistry with Internet connectivity and 02 hrs UPS back-up facility.

**Glass Blowing:** The Department provides central glass blowing facility to all Science Departments regarding fabrication of different Glassware items.