

## Criteria 4

### **Research Facilities:**

Augmenting infrastructural facilities has been a regular practice for sustaining and promoting research atmosphere in the campus and every care is taken to maintain the same by the institute. The college has excellent library with a good number of relevant reference book in all the subjects taught in the college. Department libraries have also good collection of book which are of great help to aspiring scholars. Computer and internet facility available in the network Resource Center and respective department is also accessible to students and teachers. The research laboratories of the science faculty are well-equipped and harbor some of the latest instruments which are enlisted as follows.

#### **1- Department of Chemistry:**

- (i) FTIR
- (ii) Double beam UV-Vis spectrophotometer
- (iii) Single beam UV-Vis spectrophotometer
- (iv) Digital balance
- (v) TDS Meter
- (vi) Conduct meter
- (vii) pH meter
- (viii) TLC System
- (ix) BOD
- (x) COD
- (xi) Computer, projector, printers etc

#### **2- Department of Botany**

Laminer Air Flow  
Autoclave  
Flame Photometer  
Spectro Photometer

Calorimeter  
pH Meter  
Portable Kit  
Centrifuge  
Multifunction Device  
Visualiser, etc.  
Computer, projector, printers etc

### **3- Department of Physics**

- (i) Four Probe
- (ii) Plank Constant
- (iii) B-H curve
- (iv) CRO
- (v) e/m helical method
- (vi) e/m bar magnet set-up
- (vii) Network Ring
- (viii) Greetings Pris
- (ix) RC transmission live
- (x) LCR network
- (xi) Solar Cell
- (xii) Transmission Line
- (xiii) Ballastic Galvenometer
- (xiv) Crystal detector

### **4- Department of Zoology**

- (i) Bod incubator
- (ii) Projection mictoscope
- (iii) Visualizer
- (iv) Lcd projector
- (v) Trinocular microscope
- (vi) Zoom camera
- (vii) Chromatography set

- (viii) Ph meter
- (ix) Hb meter
- (x) Spectroohoyometer
- (xi) Autoclave
- (xii) Oven
- (xiii) Hot plate
- (xiv) Binocular
- (xv) Digital camera etc
- (xvi) Computer. Ptinters etc

**5- Department of Geography**

- 1 Dumpy Level,
- 2 Theodoliye,
- 3 Abney Level,
- 4 Sextent,
- 5 Priesmatic
- 6 Compass,
- 7 Chain Tape Survey,
- 8 Total Station,
- 9 Trough Compass,
- 10 Rain guage,
- 11 Clinometer,
- 12 Stereoscope.
- 13 Computer, printers etc