

# Engineering/Applied Chemistry Lab

## Highlights

Area of the Chemistry Lab	182 sq.ft
Cost of the Lab Equipment	Rs 6,00,000 (approx)

### List of Instruments

S.No	Name of the Equipment	Quantity	Functioning
1	Potentiometers	6	To find out potential and perform the potentiometric titrations
2	Conductometers	4	To find out conductance and perform the conductometric titrations
3	Colorimeters	4	For estimation of metal ions
4	pH meters	4	For measuring the pH of the given solutions
5	Digital balance	2	Weighting
6	Hot plate	2	Heating
7	Aniline point apparatus	1	Aniline point for oils
8	Electrical water bath	3	Heating
9	Cloud & Pour point	1	Cloud & pour point of the given oils
10	Flash & fire point	3	Flash & fire point for oils
11	Red wood viscometer	4	To find viscosity
12	Nephelometer	2	To find turbidity
13	Thermometers	12	To find temperature

### List of Glassware Available in CHEMISTRY Laboratory as on 31/01/19

S.NO	DISCRIPTION OF GLASSWARE	QUANTITY
1.	Burettes borosilicate glass	80
2.	Wash bottles	72
3.	Beakers 50ml	
4.	Beakers 100ml	98

## Engineering/Applied Physics Lab

### Highlights

Area of the General Lab	90 sq.ft
Area of the Optics Lab	60 sq.ft
Cost of the Lab Equipment	Rs 6,92,000 (approx)

### List of Major Equipment

S.No	Name of the Equipment	Quantity	Functioning
1	Melde's Apparatus	6	Frequency of Electrically driven tuning fork
2	Spectrometer	7	Wavelength of spectral lines of white light
3	Travelling Microscope	8	Radius of curvature of lens and thickness of paper
4	Stewart – Gee's Apparatus	4	Magnetic field strength
5	Energy Band Gap Kit	4	Energy Band Gap of a semiconductor
6	Regulated Power Supply	8	To Supply input power for various electronic circuits
7	Fiber Optics Kit	4	Numerical Aperture
8	Function Generator	6	Frequency response characteristics of electrical circuits
9	Sonometer	6	Verification of laws of transverse vibrations

#### List of Equipment Available in PHYSICS Laboratory as on 31/01/19.

S.NO	DESCRIPTION OF APPARATUS	MAKE/TYPE	QUANTITY
1.	Spectrometer Cat no: 4230	INCO	7
2.	Travelling Microscope with Micrometer heads. Cat No: 4201	INCO	8
3.	Melde's Apparatus. Cat. No: 5052	INCO	6
4.	Stewart & Gee's Apparatus: Cat. No:6042	INCO	6
5.	Battery Eliminator: 2 to 12 volts Dc at 2 amp	INCO	15

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LAB NAME  
ENGLISH COMMUNICATION SKILLS LAB

INFORMATION

LAB-1

UNIT-1

- 1.)WHY STUDY SPOKEN ENGLISH
- 2.)MAKING INQUIRES ON THE PHONE ,YHANK

UNIT-2

- 1.)RESPONDING TO REQUESTS AND ASKING F
- 2.)APOLOSING,ADVISING,SUGGESTING,AGREE

UNIT-3

- 1.)LETTERS AND SOUNDS
- 2.)SOUNDS OF ENGLISH PRACTICE WORK

UNIT-4

- 1.)PRONOUNSATION
- 2.)STRESS AND INOTATION PRACTICE V

LAB-2

UNI T-1

- 1.)DEBATING PRACTICE WORK

UNIT-2

- 1.)GROUP DISCUSSION PRACTICE WORK

UNIT-3

- 1.)PRESENTATION SKILLS PRACTICE WORK

UNIT-4

- 1.)INTERVIEW SKILLS
- 2.)CURRICULUM VIATE PRACTICE WORK

2--->SOFTWARE AVAILLABLE

SL.NO

COUNT

PURPOSE

- | SL.NO | COUNT                   | PURPOSE   |
|-------|-------------------------|---|
| 1     | GLOBARENA<br>61 SYSTEMS | To assist students in Computer Aided Language Laboratory with interactive sessi |