

## Department Home

Welcome to Department of Physics Department of Physics was established in the year 1965 .B.Sc. Level and M.Sc. from 1982 .At present Nine faculties are contributing. One faculty member awarded with Ph.D. and One Faculty registered for Ph.D. Faculty of the department is actively participated in syllabus revision by suggesting their Views in more than 06 workshops Organized by University at various colleges.

The department has departmental library which consists of 125 books. Department has Special computer laboratory with thirty four computers and internet facility and printer, spacious well equipped general physics and electronic laboratories, dark room one digital Class Room and other infrastructural facilities. Faculty uses modern ICT such as Interactive Projector, LCD, OHP, CDs, e- learning and power point presentations for effective teaching–learning process. The department has organized two National level Webinars one “on Career Opportunities after B.Sc. & M.Sc.” and one on “ Intellectual Property Right :Copy right”

## Infrastructure of Department

Sr. No.	Hall No	Detail	Size of Lab	Area in sq. fit
<b>1</b>	<b>A-208</b>	<b>Advanced Computational Laboratory</b>	<b>24.6' x 19.68'</b>	<b>484</b>
<b>2</b>	<b>A-209</b>	<b>Network Resource Centre</b>	<b>24.6' x 9.84'</b>	<b>242</b>
<b>3</b>	<b>A-210</b>	<b>H.O.D. Cabin</b>	<b>24.6' x 8.2'</b>	<b>202</b>
<b>4</b>	<b>A-211</b>	<b>Dark Room</b>	<b>24.6' X 9.84'</b>	<b>242</b>
<b>5</b>	<b>A-212</b>	<b>Semi-dark Room ( Optics Laboratory)</b>	<b>24.6' x 18'</b>	<b>443</b>
<b>6</b>	<b>A-213</b>	<b>Senior Physics Laboratory</b>	<b>24.6' x 27.88'</b>	<b>656</b>
<b>7</b>	<b>A-214</b>	<b>Staff Room</b>	<b>24.6' x 19.68'</b>	<b>484</b>
<b>8</b>	<b>A-215</b>	<b>M.Sc. Laboratory</b>	<b>31.16' x 37.72'</b>	<b>1175</b>
<b>9</b>	<b>A-216</b>	<b>Physics Research Laboratory</b>	<b>31.16' x 26.24'</b>	<b>818</b>
<b>Total Area.</b>				<b>4746</b>

### Advanced Level Experiments / Equipment

Sr. No.	Name of the instrument /Equipment	Numbers
1	Gamma ray Spectrometer	01
2	Scintillation spectrometer	01
3	Compton Scattering	01
4	Spark chamber	01
5	Rutherford Scattering	01
6	Zeeman Effect	01
7	Millikan's Oil Drop Expt.	01
8	Linear Air Track	01
9	Frank Hertz Experiment	01
10	Foucault's Pendulum	01
11	Double Transmission Line	01
12	Barton's Pendulum	01
13	Fourier Analysis	01
14	Electromagnetic Pendulum	01
15	Dielectric Constant	01
16	Planck's constant	01

17	Forced Oscillator	01
18	Coupled Oscillator	01
19	Ampere Balance	01
20	Free Fall of Magnet	01
21	ESR Spectrometer	01
22	An harmonic Oscillator	01
23	G.M. Counter with radioactive source	1
24.	Single Trace CRO	2
25	Dual Trace CRO	6
26	Mortal pistol (High Quality)	1
27	L.C.D. Projector	1
28	Magnetic Stirrer with hot plate with digital speed and speed indicator 2 Lit. Capa. With temp. 200 <sup>0</sup> C.	1
29	PH meter – Digital direct reading 0-14 PH with stand.	1
30	Digital Electronic Balance	1
31	Interactive Projector	1
32	Four probe experiment	1
33	R-2R ladder	2
34.	LVDT	1
35.	Frank hertz experiment	1

36	Electron Spin Resonance	1
37	Magnetic susceptibility	1
38	Transistor Characteristics Experiment Kit	2
39	Set of absorption iodine spectra	1
40	Keter's Pendulum	1
41	Set of Zener Diode Characteristics	2
42	Anderson Bridge	1
43	Mickelson Interferometer	1
44	Stefen's Constant	1
45	e/m by Thomson Method	1
46	Fabry Parrot Etalon	1
47	Energy band gap set-up	1
48	Electromagnetic Pendulum	1
49	Signal Generators	6
50	Micro Wave oven	1
51	Refrigerator	1
52	Public address System	1

### Other Facility

1. COMPUTER with Internet facilities-34
2. Printer-03,Laptop—02, Research lab- 01

## OUR LABROTERY



## DEPARTYMENTAL LIBRARY

