

P.I. DEGREE COLLEGE JUNAGARH

DEPARTMENT OF PHYSICS

LIST OF PHYSICS BOOKS REQUIRED

SL NO	NAME OF BOOK	NAME OF AUTHOR	NAME OF PUBLISHER	QUANTITY
1	Mathematical Physics-I	debasis das	Kalyani Publication	10
2	Mechanics	debasis das	Kalyani Publication	10
3	Electricity and Magnetism	K.N. Sharma	Kalyani Publication	10
4	B.Sc.Practical Physics for Sem I & II	A.Dash	Kalyani Publication	10
5	A complete Course in Degree Practical {Physics Sem I & II	B.B.Swain	Kalyani Publication	10
6	Wave and Optics	K.K.Sharma/B.S.Satyaj	Kalyani Publication	10
7	Mathematical Physics-II	debasis das	Kalyani Publication	10
8	Thermal Physics	K.K.Sharma	Kalyani Publication	10
9	Analog System and Application	A.K. Dash/ R Paikray	Kalyani Publication	10
10	A Complete Course in Practical Physics -II	B.B.Swain/B.K.Jena	Kalyani Publication	10
11	Mathematical Physics-III	debasis das	Kalyani Publication	10
12	Elements of Modern Physics	Sharma/Satyaj	Kalyani Publication	10
13	Digital System and Application	A.K. Dash/ R Paikray	Kalyani Publication	10
14	Digital System and Application	K.K.Jena	Kalyani Publication	10
15	Quantum Me4chanics and Application	N.Barik/SarojSahu	Kalyani Publication	10
16	Solid State Physics	Sharma/Satyaj	Kalyani Publication	10
17	Classical Dynamics	debasis das	Kalyani Publication	10
18	Nuclear and Practical Physics	Sharma/Satyaj	Kalyani Publication	10
19	B.Sc.Practical Physics for Sem V & Vi	A.P.Dash/A.Dash	Kalyani Publication	10
20	Electro magnetic theory	debasis das	Kalyani Publication	10
21	Statistical Mechanics	Sharma/Satyaj	Kalyani Publication	10
22	Nano Materials and Application	Ashok Kumar das	Kalyani Publication	10
23	Mathematical Physics and special theory of Relativity	M.Das/P.K.Jena/B.K.Das	Srikrishna Prakashan	8
24	Classical Mechanics	M.Das/P.K.Jena/M.Bhuyan/R.N.Mishra	Srikrishna Prakashan	8
25	Thermal and Statistical Physics	M.Das/P.K.Jena/S.Mishra/R.N.Mishra	Srikrishna Prakashan	8
26	Introduction To Quantum Mechanics	M.Das/P.K.Jena	Srikrishna Prakashan	8
27	Physics for Degree students- I	M.das/P.K.Jena/M.Bhunya/D.K.Rout	Srikrishna Prakashan	8


28	Physics for Degree students- II	B.Bhunya/M.Dash	Srikrishna Prakashan	8
29	Physics for Degree students- III	M.Das/P.K.Jena	Srikrishna Prakashan	8
30	Physics for Degree students- IV	B.Bhunya/S.Mishra/M.Dash	Srikrishna Prakashan	8
31	Quantum Mechanics	M.das/P.K.Jena	Srikrishna Prakashan	8
32	Mathematical Physics	B.S.Rajput	Pragati Prakshan	2
33	Mechanics	J.P.Agrawal	Pragati Prakshan	2
34	Mechanics and Properties of Matter, Oscillation and wave	J.P.Agrawal	Pragati Prakshan	2
35	Electricity and magnetism	J.P.Agrawal	Pragati Prakshan	2
36	Waves and optics	J.P.Agrawal	Pragati Prakshan	2
37	Optics, Special Theory Of Relativity, Atomic Physics, Quantum Mechanics and nuclear physics	J.P.Agrawal	Pragati Prakshan	2
38	Thermal Physics	J.P.Agrawal	Pragati Prakshan	2
39	Elements of Modern Physics	J.P.Agrawal	Pragati Prakshan	2
40	Quantum mechanics and Application	J.P.Agrawal	Pragati Prakshan	2
41	Quantum Mechanics and application	Sanjib Gupta	Pragati Prakshan	2
42	Digital System and Application	S.L.Gupta/V.Kumar/Sharma	Pragati Prakshan	2
43	Analog System and Application	S.L.Gupta/V.Kumar/Sharma	Pragati Prakshan	2
44	Solid State Physics	S.L.Gupta/V.Kumar/Sharma	Pragati Prakshan	2
45	Classical Dynamics	S.L.Gupta/V.Kumar/Sharma	Pragati Prakshan	2
46	Electro Magnetic Theory	S.L.Gupta/V.Kumar/Sharma	Pragati Prakshan	2
47	Statistical mechanics	S.L.Gupta/V.Kumar/Sharma	Pragati Prakshan	2
48	Element of Spectroscopy	S.L.Gupta/V.Kumar/Sharma	Pragati Prakshan	2
49	Electrodynamics	S.L.Gupta/V.Kumar/Sharma	Pragati Prakshan	2
50	Nano Materials and Application	Sundar Singh	Pragati Prakshan	2
51	Nuclear and Particle Physics	S.L.Gupta/ Sanjiv Gupta	Pragati Prakshan	2
52	optics	Satya Prakash	Pragati Prakshan	2
53	Electricity and Magnetism	Satya Prakash	Pragati Prakshan	2
54	Fundamental Of Modern Physics	Satya Prakash	Pragati Prakshan	2
55	LASER System and Application	Satya Prakash	Pragati Prakshan	2
56	Nuclear and Particle Physics	Satya Prakash	Pragati Prakshan	4
57	Atomic Physics	S.N.Ghosal	S Chand Publication	2
58	Nuclear Physics	S.N.Ghosal	S Chand Publication	2
59	A Text Book Of Optics	Brijlala and Subramanyam	S Chand Publication	2
60	Elements of Modern Physics	R.Murugesan	S Chand Publication	2

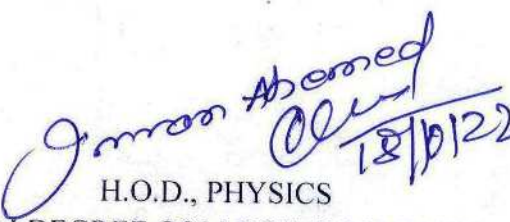
61	Mathematical Physics	H.K.Das	S Chand Publication	4
62	Modern Physics	R.Murugesan	S Chand Publication	2
63	Heat and Thermodynamics and Statistical Physics	Brijlala and Subramanyam	S Chand Publication	2
64	Elements of Properties of Matter	D.S.Mathur	S Chand Publication	2
65	Mechanics	D.S.Mathur	S Chand Publication	2
66	Electricity and Magnetism	K.K.Tiwari	S Chand Publication	2
67	Mathematical Physics	Satya Prakash	S Chand Publication	4
68	Electricity and Magnetism	D C Tayal	Himalaya Publishing House	2
69	Nuclear Physics	D C Tayal	Himalaya Publishing House	2
70	Classical Electrodynamics	G.D.Behera	Himalaya Publishing House	2
71	Classical Mechanics	B.A.Kagali/T Shivalinga Swami	Himalaya Publishing House	2
72	Modern Physics	K.R.Balasubramanyam	Himalaya Publishing House	2
73	Waves and Oscillation	J.C. Upadhyaya	Himalaya Publishing House	2
74	Principle Of Electronics	D.C.Tayal	Himalaya Publishing House	2
75	Basic electronics	D.C.Tayal	Himalaya Publishing House	2
76	Fundamental of electronics	D.C.Tayal	Himalaya Publishing House	2
77	Classical Mechanics	J.C. Upadhyaya	Himalaya Publishing House	5
78	Statistical Physics, Thermodynamics & Kinetic Theory	V.S. Bhatia	Vishal Publishing and CO	5
79	Electronics & Solid State Devices	K.C. Bali & Parminder Kaur	Vishal Publishing and CO	5
80	Electricity and Magnetism	T.S. Bhatia & Gurpreet Singh	Vishal Publishing and CO	5
81	Waves & Vibrations	T.S. Bhatia	Vishal Publishing and CO	5
82	Quantum Mechanics	K.S. Thind & Shweta Mohan	Vishal Publishing and CO	5
83	Concept of Condensed Matter Physics-I	Rajesh Khatri & T.S. Bhatia	Vishal Publishing and CO	5
84	Introductory Nuclear Physics	K.S. Thind, M.S. Heer, L. Gerward & V. Kumar	Vishal Publishing and CO	5
85	Introductory Particle Physics	K.S. Thind, M.S. Heer, L. Gerward & V. Kumar	Vishal Publishing and CO	5
86	Relativity & Electromagnetism	T.S. Bhatia	Vishal Publishing and CO	5

87	Practical Physics-III (for B.Sc. 3rd y)	T.S. Bhatia, G.Kaur & I.Singh	Vishal Publishing and CO	5
88	Mechanics Hons. (All India)	Dilip Sarma & K.K Pathak	Vishal Publishing and CO	5
89	Mathematical Physics-I	T.S. Bhatia & K.K Pathak	Vishal Publishing and CO	5
90	Waves & Optics	Shaweta Mohan & T.S. Bhatia	Vishal Publishing and CO	5
91	Electricity & Magnetism	T.S. Bhatia	Vishal Publishing and CO	5
92	Electricity and Magnetism & EMT	T.S. Bhatia	Vishal Publishing and CO	5
93	Mathematical Physics - II	K.K Pathak & Sangeeta Prasher	Vishal Publishing and CO	5
94	Thermal Physics	K.K Pathak	Vishal Publishing and CO	5
95	Digital System & Applications	Uma Mageswari	Vishal Publishing and CO	5
96	Analog System & Applications	K.K Pathak & Parminder Cheema	Vishal Publishing and CO	5
97	Mathematical Physics - III	K.K Pathak & Sangeeta Prasher	Vishal Publishing and CO	5
98	Modern Physics	K.S Thind & Shaweta Mohan	Vishal Publishing and CO	5
99	Elements of Modern Physics	K.S Thind & Shaweta Mohan	Vishal Publishing and CO	5
100	Fundamentals of Waves & Optics	T.S. Bhatia & Shaweta Mohan	Vishal Publishing and CO	5
101	Quantum Mechanics and Applications	Shaweta Mohan & K.S Thind	Vishal Publishing and CO	5
102	Solid State Physics	Bhupali Sarmah	Vishal Publishing and CO	5
103	Nuclear & Particle Physics	K.S. Thind, S. Mohan, L. & V. Kumar	Vishal Publishing and CO	5
104	Statistical Mechanics	Mridula Mishra & K.K. Pathak	Vishal Publishing and CO	5
105	Methodology & Perspectives of Physics	Augustine J. Edakkara & Jobin Job Mathen	Vishal Publishing and CO	5
106	Properties of Matter, Thermodynamics & Error Analysis	Ison V. Vanchipurackal	Vishal Publishing and CO	5
107	Mechanics and Properties of Matter	Ison V. Vanchipurackal	Vishal Publishing and CO	5
108	Complementary Physics	Ison V. Vanchipurackal	Vishal Publishing and CO	5
109	Optics, Laser & Fiber Optics	Augustine J. Edakkara & Jobin Job Mathen	Vishal Publishing and CO	5
110	Modern Physics, Magnetism & Electronics	Ison V. Vanchipurackal	Vishal Publishing and CO	5
111	Optics & Electricity	Augustine J. Edakkara & Jobin Job Mathen	Vishal Publishing and CO	5
112	Optics & Solid State Physics	Augustine J. Edakkara & Jobin Job Mathen	Vishal Publishing and CO	5

113	Digital Electronics & Programming	Augustine J. Edakkara & Jobin Job Mathen	Vishal Publishing and CO	5
114	Classical & Quantum Mechanics	Ison V. Vanchipurackal	Vishal Publishing and CO	5
115	Nuclear, Particle Physics & Astrophysics	K.S. Thind, S. Mohan, L. & V. Kumar	Vishal Publishing and CO	5
116	Solid State Physics	Ison V. Vanchipurackal	Vishal Publishing and CO	5
117	Relativity & Spectroscopy	Shaweta Mohan, K. S. Thind T.S. Bhatia	Vishal Publishing and CO	5
118	Fundamentals of Electricity and Magnetism	B.D. Duggal & C.L. Chhabra	Vishal Publishing and CO	5
119	Essentials of Electricity & Magnetism	S.S. Biswal	Vishal Publishing and CO	5
120	Computer Programming for B.Sc	R.C. Verma, V.K. Mittal & S.C. Gupta	Vishal Publishing and CO	5
121	A Handbook of Thermodynamics & Statistical Mechanics	V.S. Bhatia, K.K. Pathak & Mahanta	Vishal Publishing and CO	5
122	Thermodynamics and Statistical Mechan	V.S. Bhatia & T.S. Bhatia	Vishal Publishing and CO	5
123	Fundamentals of Electronics	K.C. Bali, P.Kaur & K.K. Pathak	Vishal Publishing and CO	5
124	Understanding Physics thru' Assertions & Reasons	R.K. Jain & Asha Rao	Vishal Publishing and CO	5
125	Quantum Mechanics	Satya Prakash	Kedar Nath Ram Nath Publication	2
126	Statistical Mechanics		Kedar Nath Ram Nath Publication	2
127	Thermodynamics, Statistical Physics And Kinetics	Satya Prakash	Kedar Nath Ram Nath Publication	2
128	Electromagnetic theory and Electrodynamics	Satya Prakash	Kedar Nath Ram Nath Publication	2
129	Advanced Quantum Mechanics	Satya Prakash	Kedar Nath Ram Nath Publication	2
130	A textbook of relativity and statistical physics	Satya Prakash	Kedar Nath Ram Nath Publication	2
131	Classical Mechanics	B.D. Gupta and Satya Prakash	Kedar Nath Ram Nath Publication	2
132	Elements of Nuclear Physics	M.L.Pandya and Dr.R.P.S.Yadav	Kedar Nath Ram Nath Publication	2
133	Waves and Oscillations	Dr.D.N.Tripathi	Kedar Nath Ram Nath Publication	2
134	Atomic And Molecular Spectra:LASER	Raj Kumar	Kedar Nath Ram Nath Publication	2
135	Electricity and Electronics	Dr.D.N.Tripathi	Kedar Nath Ram Nath Publication	2
136	Physical Optics and LASER	Dr.D.N.Tripathi and R.B.Singh	Kedar Nath Ram Nath Publication	2
137	Electromagnetics	Dr.D.N.Tripathi and R.B.Singh	Kedar Nath Ram Nath Publication	2

138	Relativity and Statistical Physics	Dr.D.N.Tripathi and R.B.Singh	Kedar Nath Ram Nath Publication	2
139	Mechanics and Wave Motion	Dr.D.N.Tripathi and R.B.Singh	Kedar Nath Ram Nath Publication	2
140	Thermal Physics	Dr.D.N.Tripathi and R.B.Singh	Kedar Nath Ram Nath Publication	2
141	Circuit Fundamental and basic Electronics	Dr.D.N.Tripathi and R.B.Singh	Kedar Nath Ram Nath Publication	2
142	Optics	S.K.Gupta and B.S. Agarwal	Kedar Nath Ram Nath Publication	2
143	Morden Physics	S.K.Gupta and B.S. Agarwal	Kedar Nath Ram Nath Publication	2
144	Electricity and magnetism	B.S.Agarwal	Kedar Nath Ram Nath Publication	2
145	Oscillations and waves	B.S.Agarwal	Kedar Nath Ram Nath Publication	2
146	Solid State Physics	R.L.Singhal	Kedar Nath Ram Nath Publication	2
147	Elements of Quantum Mechanics, Atomic and Molecular Spectra	D.N. Tripathi and R.B.Singh	Kedar Nath Ram Nath Publication	2
148	Electrodynamics	David J Griffith	Low Price Edition	2
149	Electronics	Millman and Halkins	Mc.Graw Hills	2
150	Quantum Mechanics	Nourediner Zettili	Willy Publication	2
151	Electrodynamics	J D Jackson	Willy Publication	2
152	Classical Mechanics	E. Goldstien	David J Griffith	2
153	Mathematical Physics	Weber and Arfkin	Elsevier	2
154	Solid State Physics	M.A.Wahab	Alfa Science	2
155	Solid State physics	Aschroft mermin	Cengage Learning	2
156	Statistical Mechanics	Kerson Huang	Willy Publication	2
157	Nuclear Physics	A.Das and T.Febbel	World Scientific Publishing	2


 Principal 18/10/22
 P.I. Degree College
 Junagarh, Kalahandi


 H.O.D., PHYSICS
 P.I. DEGREE COLLEGE, JUNAGARH