

DEPARTMENT OF PHYSICS & ELECTRONICS

DEPARTMENT LIBRARY

The Physics & Electronics Library is an important resource for both students & Teachers. It has an good collection of books for all branches of Physics & Electronics. Practical Manuals & Notes also available for Students. In Department Library books and other written material being added on a regular basis as per student and faculty needs. The students are allowed to stay in lab in the procurement for books

REFERENCE BOOKS FOR ELECTRONICS PAPERS

S. No	Name of Book	Author	Company
1	HAND BOOK OF EKELECTRONICS	Gupta Kumar	Pragati
2	Microprocessor	Deepak Gargh	A. S.. PRAKASHAN
3	Modern Digital Electronics	RO JAIN	McGraw Hill
4	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	S.K BGATTACHARYS	Pearson
5	Digital logic & Computer Design	M.Morris Mano	Pearson
6	Electronic & Device s & Circuits	S Salivahana & N. Suresh kumar	Mc Graw Hill
7	Instrumentation Devices & System	CS RANGAN, GR SARNA, VSV MANI	Mc Graw Hill
8	Integegrated Electronics	Jacob Millman, Christos Halkias, Cgetan D Parikh	Mc Graw Hill
9	Modern Electronic instrumentation and measurmnt techniques	Albert D. Helfrich, William D Cooper	Person
10	Op Amps and Linear integrated Circuit	Ramakant Integrated Circuit	Ramajant A Gayakwad
11	Electronic Material & Device	S. O. Kasap	Mc Graw Hill
12	Electrical Circuit	Kang	Cengage
13	Handbook of Electronics	Gupta Kumar	Pragati
14	a First course in Electronics	Anwar A. Khan, Kanchan K. Dey	PHI
15	Electronic Principles	Alberto Malvino	Tata McGraw Hills
16	Analog Circuit & Digital Circuit	Notes	
17	Digital Electronics & Microprocessor	ACE Engineering Academy	

18	Electronics & Communication Engineering Analog Circuit	ACE Engineering Academy	
19	Basic Electronics & Devices	Salivahana, N, Suresh Kumar	Mc Graw Hill
20	Electronic Devices & Circuits An Introduct6	Allen Mottershead	PHI
21	Circuit Analysis & Electronic Devices Unified Electronics	Agarwal Arora	AS Prakashan
22	SOLID STATE Electronics circuits and Digital Electronics	Agarwal & Agarwal	AS Prakashan
23	Microprocessor & Micro controllers	AP Godse, D A Godse	Technical
24	Unified Electronics Vol 1	Agarwal, Arora	AS Prakashan
25	Digital electronics	Garg & Garg	Pragati
26	Solid State Electronic Devices)Ben G. STREETMAN	PHI
27	BASIC RADIO TELEVISION	SP SHARMA	Technical
28	Electronic Communications	Dennis Roddy John Coolen	PHI
29	Digital Integrated Circuits	Janm. RABAEY, ANANTHA Chandeakasan, Borivoje NIKOLIC	PHI
30	Basic Electronics	BL THERAJA	:S CHAND
31	ELECTRONIC DEVICES & CIRCUITS	S. SALIVAHANA, N. SURESH KUMAR, A VALLAVARAJ	
32	Design of Analog CMOS Integrated Circuits	Behzad Razavi	Indian edition
33	Fundamentals of Digital electronics	A. Anand Kumar	PHI
34	ELECTRONIC PRINCIPLES	Albert Malvino, David J Bates	Mc Graw Hills
35	Power Electronics	MD SINGH, KB KHANCHANDANI	Mc Graw Hill
36	Unified Electronics	Maheswari, Pandey	JPNP
37	Electronic Devices & Circuits	S.Sujana	Spectrum
38	Electric Circuits	JE Swann	
39	Basic Electronics Circuit	V semester	BR Ambedkar University

REFERENCE BOOKS FOR MECHANICS, WAVES & OSCILLATIONS PAPERS – I SEMESTER

S. No	Name of Book	Author	Company	No. of Books available
1	Unified Physics. Mechanics, Waves & Oscillations	Dr.SL Gupta, Sanjeev Gupta		1
2	Common core Physics	DV Brahmaji, A Srinivasa Rao	Vikas	1
3	Mechanics	JR Bhalla	Kalyani	1
4	Mechanics	N.Rangaji	S Chand	2
5	Waves& Oscillations	Dr S L.Gupta, Sanjeev Gupta	JP Nath publication	1
6	Waves and Oscillations	RN. Chaudhuri	New age international	1
7	unified Physics Waves and Oscillations	JP. Agarwal,	A Pragati	1
8	1st year Physics	DV Brahmaji, A Srinivasa Rao	Vikas	1
9	B Sc 1st year Notes	B Sudhakar Reddy, H.Tulasiram	Charan	Telugu
10	B Sc 1st year Notes	B Sudhakar Reddy, H. Tulasiram	Charan	English

COURSE MATERIAL

S. No	Name of Book	Author	Publication
1	Practical manuals		VGS, VIKRAM
2	TEST Papers		
3	Environmental studies	R Rajagopalan	
4	Analytical skills	A Nagenar Babu	KSR Publication
5	M SC Entrance Physics	Vijeta competition	Bandla
6	Refresher course in Physics	C L ARORA	S Chand

REFERENCE BOOKS FOR WAVE OPTICS -II SEMESTER

S. No	Name of Book	Author	Company
1	Text book of Optics	Dr. N Subrahmanyam, Brijlal, Dr.M.N. Avadhanulu	S Chand
2	An introduction to Lasers theory and applications	Dr.M.N.Avadhanulu, Dr PS Hemne	S Chand
3	A text book of Optics	Dr. N Subrahmanyam, Brijlal, Dr.M.N. Avadhanulu	S Chand
4	Optics	Ajoy Ghatak	McGraw-Hill
5	Physics 2 nd Year	Dr M.Ramjee	Surya
6	Optics (T.M)	Telugu Academy	Telugu Academy

REFERENCE BOOKS FOR HEAT & THERMODYNAMICS – III SEMESTER

S. No	Name of Book	author	Company	No. of Books
1	unified Thermodynamics & Radiation Physics	Dr SL GUPTA, Sanjeev Gupta	JPNP	2
2	Thermal and Statistical Physics	Satya Prakash	KNRN	1
3	Surya Physics	Dr.Ramjee	Surya	1
4	A text book of Thermodynamics	Dr C.P.Lakshmi Prasuna, Dr S E Navina Vinodini	KNRN	1
5	Thermodynamics & Radiation Physics(Telugu)	K .Bharath Raj, K.Rajesh	Spectrum	1
6	Objective Physics	Satya Prakash	A S Prakashan	1

REFERENCE BOOKS FOR ELECTRICITY, MAGNETISM & ELECTRONICS

IV SEMESTER

S. No	Name of Book	Author	Company	No. of Books
1	Electricity Magnetism and Electronics	SK .Gupta, PB Sandhya sri	KNRN	2
2	Electricity, Magnetism and Electromagnetic theory	SR Manohara, A Shubha	S Chand	1
3	Electricity Magnetism and Electronics	D.V.Brahmaji, A Srinivasa Rao	Vivek	1
4	Electricity Magnetism and Electronics(Telugu Medium)	D.V.Brahmaji, A Srinivasa Rao, W.A.Gopala Krishna Murthy	Vikas	1
5	unified Physics- volume-3 Electricity, Magnetism and Electromagnetic theory	Dr S L. Gupta, Sanjeev Gupta	Jai Prakash Nath publication	1
6	Paper-3 Physics (Telugu Academy)	K.Ramsesh, O H Prasad	Telugu Academy	1
7	2nd year Physics Notes	R Sudhakar Reddy, H Tulasi ram	Charan	3 (T.M & E.M)

REFERENCE BOOKS FOR MODERN PHYSICS – IV SEMESTER

S. No	Name of Book	Author	Company	No. of Books
1	Physics for Scientists and engineers with modern Physics	Serway Jewett	Indian	1
2	Principles of Modern Physics	A K Saxena	Narosa	1
3	Modern Physics	R. Murugesan	S. CHAND	1
4	concise Physics- Modern physics	BS AGARWAL	Kedar Nath Ram nath	1
5	Atomic Physics	JB Rajam	S Chand	1
6	Introduction to Nuclear physics	Harald A Enge	Addison Wesley	1
7	Unified Physics Modern physics	S LGupta, Sanjeev Gupta	Jaiprakash Nath &co	3
8	Modern physics	K! Ramakrishna, DV BRAHMAJI	VIKAS	1
9	modern physics	SJ GUPTA	KNRN	1
10	Physics for scientists and engineers with Modern Physics	JEWETTE SERWAY	CENGAGE Learning	1
11	Modern Physics (Telugu Medium,)		Vikas Publication	1
12	Paper-IV(Telugu Academy)	B Sanjeev Rao, G Bikshmaiah	Telugu & ENGLISH	1

REFERENCE BOOKS FOR RENEWABLE ENERGY – VI SEMESTER

S. No	Name	Author	Publisher	no. of books
1	Renewable energy	David M. Buchala, Thmoas E. Kissel	Pearson	1
2	Renewable energy Technology - a practical guide for Beginners	Chetan Singh Solanki	PHI	1
3	Solar Energy	DP SUKHATME	MC GRAW HILL	2
4	Renewable energy sources & Emerging Technologies	DP Kothari, KC Singhal, Rakesh Ranjan	PHI	1
5	Solar Photovoltaics	Chetan Singh Solanki	PHI	2
6	Non conventional Energy Resources	BH KHAN	MC Graw Hill	

REFERENCE BOOKS FOR PRACTICAL PHYSICS

S. No	Name of Book	Author	Company
1	Instrumentation Measurement & Analysis	Narka, Chaudhry	MC Graw Hill
2	B Sc Practical Physics	Harnam Singh, Dr PS Hemne	S Chand
3	Advanced Experimental Techniques, Modern Physics	K Muralidhara Varier, Antony Jodrph, P P Pradhyumna	A Pragati Prakashan
4	Modern Electronic instrumentation and measurement techniques	Albert D Helfrick, William D Cooper	Pearson
5	Introduction to Measurement and instrumentation	Arun K Ghosh	PHI
6	B Sc Practical Physics		