



RAMACHANDRA COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to JNTUK: Kakinada)
NH-5 Bypass Road, Vatluru (V), ELURU – 534 007, A. P.



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Department of Electronics and Communication Engineering Volumes available in Department Library

S.No	T/R	Book Title	Author	Publisher	Edition
1	T1	Essentials of VLSI Circuits and Systems	Kamran Eshraghian, Douglas and A. Pucknell and Sholeh Eshraghian	Prentice-Hall of India Private Limited, 2005	
2	T2	VLSI Design Black Book	Dr. K.V.K.K. Prasad, Kattula Shyamala	Kogent Learning Solutions Inc. 2012 Edition.	
3	R1	VLSI Design	A. Albert Raj & T. Latha	PHI Learning Private Limited, 2010.	
4	R2	VLSI Design	A. Shanthi and A. Kavita	New Age International Private Limited, 2006	First Edition.
5	T1	Digital Image Processing	R. C. Gonzalez and R. E. Woods	Prentice Hall, 2008.	3rd edition
6	T2	Digital Image Processing Using MATLAB	R. C. Gonzalez, R. E. Woods and Steven L. Eddins	Prentice Hall, 2009.	2nd edition
7	T3	Fundamentals of Digital Image Processing	Anil K. Jain	Prentice Hall of India, Indian Reprint, 2002	9th Edition
8	T4	Digital Image Processing	Jayaraman, S. Esakkirajan, and T. Veerakumar	Tata McGraw-Hill Education, 2011.	
9	T1	Introduction to Radar Systems	Merrill I. Skolnik	McGraw – Hill, 1981.	Second Edition
10	T2	Radar Engineering and fundamentals of Navigational Aids	G.S.N. Raju	I.K International, 2008.	

11	R1	Introduction to Radar Systems	Merrill I. Skolnik	Tata McGraw – Hill, 2001.	Third Edition
12	R2	Radar: Principles, Technologies, Applications	Byron Edde	Pearson Education.	
13	T1	Optical Fiber Communications	Gerd Keiser	Mc Graw-Hill International edition, 2000.	3rd Edition
14	T2	Optical Fiber Communications	John M. Senior	PHI, 2002.	2nd Edition
15	R1	Fiber Optic Communications	D.K. Mynbaev , S.C. Gupta and Lowell L. Scheiner	Pearson Education,2005.	
16	R2	Text Book on Optical Fiber Communication and its Applications	S.C.Gupta	PHI, 2005.	
17	R3	Fiber Optic Communication Systems	Govind P. Agarwal	JohnWiley, 2004.	3rd Edition
18	R4	Fiber Optic Communications	Joseph C. Palais	Pearson Education, 2004.	4th Edition
19	T1	Micro Electro Mechanical Systems	Nitaigour Premchand Mahalik	TMH Publishing co.	
20	R1	Foundation of MEMS	Chang Liu	Prentice Hall Ltd.	
21	R2	MEMS and NEMS,	Sergey Edwrd Lyshevski	CRC Press, Indian Edition.	
22	R3	MEMS and Micro Systems Design and Manufacture	Tai-Ran Hsu	TMH Publishers	
23	R4	Introductory MEMS	Thomas M Adams, Richard A Layton	Springer International Publishers.	
24	T1	Pulse, Digital and Switching Wave	J. Millman and H. Taub	McGraw-Hill, 1991	

25	T2	Solid State Pulse circuits	David A. Bell	PHI,2002	4th Edn.
26	R1	Pulse and Digital Circuits	A. Anand Kumar	PHI, 2005.	
27	R2	Wave Generation and Shaping	L. Strauss		
28	R3	Pulse, Digital Circuits and Comput	R.Venkataraman		
29	T1	Linear Integrated Circuits	D. Roy Chowdhury	New Age International (p) Ltd, ,2003.	2nd Edition
30	T2	Op-Amps & Linear ICs	Ramakanth A. Gayakwad	PHI,1987.	
31	R1	Design with Operational Amplifier	Sergio Franco	McGraw Hill, 1988	
32	R2	OP AMPS and Linear Integrated C	James M Fiore	Cenage Learning India Ltd	
33	R3	Operational Amplifiers & Linear In	R.F.Coughlin &Fredrick Driscoll	PHI	6th Edition
34	R4	Operational Amplifiers	C.G. Clayton	Butterworth & Company Publ.Ltd./ Elsevier, 1971	
35	R5	Operational Amplifiers & Linear IC	David A Bell	Oxford Uni. Press	3rd Edition
36	T1	Digital Design Principles & Practic	John F.Wakerly	PHI/ Pearson Education Asia, 2005.	3rd Edition
37	T2	Designing with TTL Integrated Cir	Robert L. / John R. Morris &Miller.		
38	R1	Fundamentals of Digital logic desi	Stephen Brown & Zvonko Vranesi	Tata McGraw Hill	2nd edition

39	R2	VHDL Primer	J. Bhasker	Pearson Education/ PHI	3rd Edition
40	T1	Antennas for All Applications	John D. Kraus and Ronald J. Mariani	TMH, 2003.	3rd Edition
41	T2	Electromagnetic Waves and Radiation	E.C. Jordan and K.G. Balmain	PHI, 2000.	2nd Edition
42	R1	Antenna Theory	C.A. Balanis	John Wiley and Sons, 2000	2nd Edition
43	R2	Antennas and Wave Propagation	K.D. Prasad, Satya Prakashan	Tech India Publications, New Delhi, 2001.	
44	R3	Transmission and Propagation	E.V.D. Glazier and H.R.L. Lamont	The Services Text Book of Radio, vol. 5, Standard Publishers	
45	R4	Electronic and Radio Engineering	F.E. Terman	McGraw-Hill, 1955.	4th Edition
46	R5	Antennas	John D. Kraus	McGraw-Hill, 1988	2nd Edition
47	T1	OP-AMPS and linear integrator circuits	Ramakanth A Gayakwad	PHI	
48	T2	Linear Integrated Circuits	D.Roy chowdary	New age international.	
49	T3	Op-amp and linear integrated circuits	sanjay sharma	S.K.Kataria & son's New Delhi.	
50	R1	Micro Electronics	McIlman	Mc Graw Hill.	
51	R2	Analog Electronics	L.K.Maheswari	PHI	
52	R3	Linear Integrated circuits	S.Salivahan	TMH	

53	T1	Electronic Devices and Circuits	J.Millman,C.Halkias	Tata Mc-Graw Hill	Second Edition
54	T2	Electronic Devices and Circuits	B.P.Singh,Rekha Singh	Pearson publications	Second Edition
55	T3	Electronic Devices and Circuits	Davi A.Bell	Oxford University Press	Fifth Edition
56	R1	Electronic Devices and Circuits	K.Sathya Prasad		
57	R2	Electronic Devices and Circuits	Salivahanan,Vallavaraj	TataMc-Graw Hill	Second Edition
58	R3	Electronic Devices and Circuits Theory	R.L.Boylestad and Louis Nashelsky	Pearson publications	Tenth Edition
59	R4	Electronic Devices and Circuits	BV Rao,KBR Murthy,K Raja Rajeswari,PCR Pantulu	Pearson Edition	2nd Edition
60	R5	Integarted Electronics	Jacob Millman,C.Halkias	TataMc-Graw Hill,2009	Second Edition
61	T1	Signals, Systems & Communications	B.P. Lathi	B S Publications, 2003	
62	T2	Signals and Systems	A.V. Oppenheim, A.S. Willsky and S.H. Nawab	PHI	2nd Edition
63	T3	Signals & Systems	Narayan Iyer and K Satya Prasad,	Cenage Pub	
64	R1	Signals & Sytems	Simon Haykin and Van Veen,	Wiley	2nd Edition
65	R2	Signals and Systems	K R Rajeswari, B.V. Rao	PHI 2009	
66	R3	Fundamentals of Signals and Systems	Michel J. Robert	MGH International Edition 2008	

67	T1	Digital Design	M.Morris Mano,Michael D Ciletti	PEA	4th Edition
68	T2	Fundamentals of Logic Design	Roth	Cengage	5th Edition
69	R1	Switching and Finite Automata Theory	Kohavi, Jha	Cambridge	
70	R2	Digital Logic Design	Leach, Malvino, Saha	TMH	
71	R3	Modern Digital Electronics	R.P. Jain,	TMH	
72					
73	T1	Electronic Devices and Circuits	J. Millman, C.C. Halkias	Tata Mc-Graw Hill.	
74	T2	Electronics devices and circuits	Atul P. Godse, Uday, Bakshi	Technical Publication.	
75	R1	Electronic Devices and Circuits	David A. Bell	Oxford University Press.	
76	R2	Electronic Devices and Circuits	Salivahanan, Kumar, Vallavaraj	TATA Mc Graw Hill,	Second Edition
77	R3	REFERENCE BOOKS:			
78		Electronic Devices and Circuits	R.L. Boylestad and Louis Nashelsky	Pearson/Prentice Hall, 2006.	9thEdition