

## Department of Electronic Communication Engineering

S. No.	TITLE OF THE BOOKS	AUTHORS	NO. OF BOOKS
1	Electronic instrumentations	Kalsi, H S	42
2	Digital electronics & microcomputers	Gaur, R K & Gaur, Shilpi	60
3	Digital electronics circuits & systems	Puri, V K	60
4	Satellite communication systems: Design principles	Richharia, M	1
5	Electronic device and circuits	K Lal Kishore	1
6	Electronic device and analysis	K Lal Kishore	1
7	Digital signal processing spectral computation & filter design	Chen, Chi-Tsong	1
8	Optoelectronics : an introduction	Tripathi, K N & others	1
9	Signal system & communication	Lathi, B P	6
10	Communication system	Lathi, B P	11
11	Linear system theory & design	Chen, Chi-Tsong	1
12	Electronic communications	Roddy, Dennis & Coole, John	12
13	Mobile cellular telecommunication: Analysis & digital systems	Lee, William C Y	22
14	Signals and systems: With MATLAB programs	Sharma, Sanjay	13
15	Linear integrated circuits	Gupta, J B	13
16	Power electronics	Bimbhara	4
17	Fundamentals of electrical engineering and electronics	Gupta, J B	25
18	Network analysis and synthesis	Chakrabarti, Abhijeet	5
19	Digital signal processing: Principles algorithms and applications	Prokis, John G & Monolakis, D G	35
20	Basic electrical and electronics engineering	Gupta, J B	19
21	Pulse digital switching circuits	Gupta, J B	15
22	Digital electronics: Circuits systems, ICS	Alis, S N	10
23	Digital signal processing: Covers signals & systems	Salivahanan, S & Vallavraj, A & Gnana Priya C	30
24	The 8051 microcontroller, architecture, programming and applications	Ayala, Kenneth J	3
25	Electronic devices and circuits	Mithal, G K & others	20
26	Fuzzy logic with engineering applications	Ross, Timothy J	2
27	Power electronics	Sen, P C	2
28	Microwaves engineering	Das, Annapurna & Das, Sisir, K	2
29	Digital electronics and microprocessor, problems and solutions	Jain, R P	3
30	Monochrome and color television	Gulati, R R	2
31	Antenna theory and practice	Chatterjee, Rajeswari	2
32	Introduction to the principles of communication theory	Hancock, John C	2
33	Colour television: Principles and practice	Gulati, R R	2
34	Theory and problems of analog and digital communication	HSU, Hwai P	2
35	Non-Conventional energy resources	Chauhan, D S & Srivastava, S K	2

36	Mechatronics	Necsulescul, Dan	4
37	Digital and analog communication systems	Couch, Leon W	2
38	Discrete-time signal processing	Oppenheim, Alan V & others	2
39	Introduction to mechatronics & measurement systems	Alciatore, David G & Histan, Michael B	4
40	Industrial electronics & control	Bhattarcharya, S K & Chatterjee S	2
41	Communication system: Introduction to signals and noise in electrical communication	Carlson, A Bruce & others	2
42	Modern television practice: Principles, technology and servicing	Gulati, RR	2
43	Instrumentation, measurement and analysis	Nakra, B C & Chaudhry, K K	3
44	Advanced electronic communication systems	Tomasi, Wayne	20
45	Mechatronics : Electronic control engineering system in mechanical and electrical	Bolton, W	4
46	Solar energy: fundamentals	Garg, H P & Prakash, J	4
47	Tower international mospower and other FET selector	Tower ,T.D.	1
48	Up to date tti integrated circuits: (7400-7450.729) data comparison tables	BPB	1
49	Zenner diodes and their applications	Mishra, R R	1
50	Tower international transistor	Towers, T D	1
51	Modern Japanes transistor data & substitutional manual	Nair, Pardeep & other	1
52	Adventures with electronics	Duncan, Tom	1
53	Adventures with digital electronics	Duncan, Tom	1
54	Adventures with microelectronics	Duncan, Tom	1
55	Practical transformer design	Lowdon, Eric	1
56	Up to date world's transistor----- comparison table A-----Z	BPB	1
57	Up to date world's transistor-----0-----1 N-----2 S-----60000----to-----4	BPB	1
58	Television & video engineering	Dhake, Arvind M	2
59	Practical transistor equivalent	Jain, Gyan C	1
60	Everyday electronic data book	Tooley, Michael	1
61	555 Timer applications source book with experiments	Berlin, Howard M	1
62	121 electronic projects	Berlin, Howard M	1
63	Tower' international op-amp linear IC selector	Towers, T D & Towers, N S	1
64	41 projects using 741 op-amp.	Sharma, M C	1
65	Build your own test instruments	Sharma, M C	1
66	555 timer 7 its applications	Sharma, M C	1
67	Electronic projects & circuits	Tiwana, Amrit Bir	2
68	Using function generators and phase lock loops	Sharma, M C	1
69	24 silicon-controlled rectifier projects	Traister, Robert J	1
70	Practical electronic power supplies	Sharma, M C	1
71	51 projects using CD4011	Sharma, M C	1
72	103 projects using LEDs	Mishra, T R	1
73	Up to date thyristors-----Table A-----Z	Tech Publication	1
74	150 circuits for the experiment	BPB	1

75	World transistor equivalents & data o-u series Vol. 1	BPB	1
76	World transistor equivalents & data o-u series Vol. 2	BPB	1
77	Mechatronics: Principles, concepts & applications	Mahalik, Nitaigour, Prem Chand	4
78	Antenna for all propagation	Prasad, K D	20
79	Signals & systems	HSU, Hwai P & Ranjan, Rakesh	2
80	Multimedia Communications: Applications, Protocols, & Standards	Halsall, Fred	17
81	Microwave Devices & Circuits	Liao, Samuel Y	2
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83	Operational Amplifiers with linear Integrated Circuits	Stanely, William D.	2
84	Essence of digital design	Wilkinson, Barry	2
85	Signal & System	Ziomez, Rodger E & Others	2
86	Digital design: Principles and practice	Walkerly, John F.	2
87	Jigs & Fixtures: Non Standard Clapping Devices	Grant, Hiran E.	2
88	Digital Signal Processing: A practical approach	Ifeachor, Emmanuel C	2
89	Up-to-date CMOS 4000....74169-2244 data & Comparison tables	BPB	5
90	International diodes equivalents	Hobeek, A.M.	5
91	Digital IC Equivalents	Hobeek, A.M.	1
92	Digital Circuits: AN advance Primer	Lesniewski, P.J. & Jain, L.C.	5
93	Cmos 4000: Integrated circuits data dictionary comparison table	BPB	6
94	Modern IC data & Substitution Manual	Lotia, Manahar & Others	8
95	Electronic circuit guide book Vol. 6: Oscillators	Carr, Joseph J.	6
96	Electronic circuit guide book Vol. 5: Digital electronic	Carr, Joseph J	5
97	Electronic circuit guide book Vol. 4: Electro-optics	Carr Joseph J	2
98	Electronic circuit guide book Vol. 3: Op-amps	Carr Joseph J	5
99	Electronic circuit guide book Vol. 1: Sensors	Carr Joseph J	5
100	Electronic devices and circuits	Palanisamy, P.K. & Babu, P.R. & Babu, P.R.J.	9
101	Electronic Circuits- II	Sasikala, B. & Poornachandra, S.	8
102	Electrical drives and controls	Manikandan, B.V. & Kathir, I.	6
103	Electrical workshop: A text book	R.P. Singh	5
104	Power Electronics	Babu, Hari K.	8
105	Electronic devices and circuit theory	K Lal Kishore	7
106	Introduction to PSPICE using or CAD for circuits and electronics	Rashid, Muhammad H.	8
107	Electronic communications modulation and transmission	Schoenbeek, Robert J.	5
108	A self study guide for digital signal processing	Proakis, J.G. & Ingle, V.K.	8
109	Electrical Machines	K. Deepa & Zamrroth, D. & Porsellvi T.	5

110	A textbook of electrical engineering Vol. I: Basics and network theory	Subramanyam, P. S.	8
111	Digital Signal Processing	Mitra, Sanjit K.	2
112	Microwaves & opto Electronics	Shrisat, M.D. & Others	2
113	Digital Signal Processing	Babu, P Prasad	2
114	Telecommunications Networks: Protocols, Modeling & Analysis	Schwartz, Mischa	2
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116	Digital concepts and applications	Ismail, A.R.& Rooney, V.M.	2
117	Electrical and Electronics Engineering Materials	Gupta, J. B.	2
118	ATM networks: Concepts and protocols and applications	Handel, Rainer & Huber, Manfred, N. & Schronder, Stepan	2
119	Electronic Devices and Circuits	Gupta, B. R. & Singhal, Mandana	2
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123	Network Analysis	Jagan, N.C. & Lakshminarayan C.	2
124	Digital Integrated Circuits	Rabay, J.M. & Chowdhury, S.P.	2
125	Foundations of Electronics	Maede, Russell L	2
126	Introduction to Instrumental Analysis	Braun, Robert D.	2
127	Electric Circuit Analysis	Sowmya, B.	2
128	Electronics Projects. Vol 10th	EFY	2
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130	Electronics Projects. Vol 18th	EFY	2
131	Electronics Projects. Vol 17th	EFY	9
132	Electronics Projects. Vol 16th	EFY	8
133	Electronics Projects. Vol 15th	EFY	5
134	Electronics Projects. Vol 14th	EFY	6
135	Electronics Projects. Vol 13th	EFY	6
136	Electronics Projects. Vol 12th	EFY	8
137	Electronics Projects. Vol 11th	EFY	7
138	Electronics Projects. Vol 9th	EFY	7
139	Electronics Projects. Vol 8th	EFY	9
140	Electronics Projects. Vol 7th	EFY	8
141	Electronics Projects. Vol 6th	EFY	6
142	Electronics Projects. Vol 5th	EFY	6
143	Electronics Projects. Vol 4th	EFY	8
144	Electronics Projects. Vol 3rd	EFY	8
145	Electronics Projects. Vol 2nd	EFY	8

146	Electronics Projects. Vol 1st	EFY	5
147	An introduction to analog and digital communications	Haykin, Simon	4
148	Linear Integrated Circuits	Choudhary, Roy. & Jain, nail B.	6
149	Digital Image Processing	Pratt, William K.	5
150	Electronics: A System Approach	Stroey, Neil	1
151	Wireless Digital Communications: Modulation & Speed Spectrum Applications	Feher, Kamito	5
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153	Satellite Communication	Pratt, Timothy, Bostian, Charles W. & Allhott	10
154	Fundamentals of Digital Image Processing	Lu Daman, Lonnice C.	4
155	Pulse and digital circuits	Anand Kumar, A.	5
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160	Control systems	Jagan, N.C.	1
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163	Basic VLSI design	Pucknell, Dauglas A & Eshraghian, Kamran	4
164	Fundamental of digital circuits	A Anand Kumar	5
165	Modern electronic communication	Sharma, Ajay & Sinha, R K	10
166	Principal and Application of GSM	Garg, V. K.	10
167	Digital image processing	Gonzalez, Rafad C	5
168	Electronics Projects. Vol 20th	EFY	1
169	Analog Communication System	Katre, J. S.	20
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171	Linear integrated circuits	Bakshi, Uday A. & Godse, Atul P.	4
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173	Electronics Devices and Circuits	Katre, J.B. & Goel, Navdeep	15
174	Digital Communication	Proakis, John. G.	10
175	Digital Communication	Katre, J. S.	40
176	Fundamentals of Digital logic with verilog Design	Brown, Stphen & Vransesic, Zvonko	5
177	Digital Signal Processing	Husain, Farooq	30
178	Digital Communication	Sharma, Sanjay	20
179	Concepts of Electromagnetic field Theory	Sarin, Amit	10
180	Antenna & Wave Propagation, Ed. 1	Salvia, Vijay Kumar	10
181	Electronics Engineering(Objective Type)	Kumar, R.	5
182	Introduction to MATLAB	Etter Delors H. & Others	2
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184	Getting started with MATLAB	Rudrapratap	10




185	Digital circuits and design	Salivahanan , S	10
186	Thermal Science & Engineering	D. S. Kumar	5
187	Neuro- Fuzzy & Soft computing: A Computation approach to learning & Machine	Jang, Jhy-Shing Roger & Sun Chun Bai Mizutani E.,	6
188	Question Bank's in electronics and communication engineering	Chadha, Prem R & Chadha, Sarita	4
189	The 8051 microcontroller and embedded systems	Mazidi, Muhammad A & Mazidi, J D	8
190	Mechatronics	Bolton, W	8
191	Signal & systems	Oppenheim, Alan V & others	6
192	Modern VLSI design: System on chip design	Wolf, Wayne	5
193	Modern transistor substitution manual	Manahar, Lotia	5
194	500 Electronic IC circuits with practical applications	Whitson, James A	2
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197	Principles of communication engineering	A.k Anokh singh & chhabro	5
198	Ram, s.k vonlata	Advanced microprocessor and microcontrolors	5
199	Electronic Commerce: A Managerial Perspective	Turbain, Efrain & Lee, J. & King, D. & Cheng, H.	8
200	Introduction to Artificial Neural Networks	Zurada, Jacel M.	5
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203	Microprocessors	Sherwat,d.s	7
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208	Microwave & Radar Engineering	Sahdev, S.K	1
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213	Microwave Engineering	Das, Annapurna	8
214	Microwave Engineering	Pozar, David M.	3
215	Microwawave And Radar Engineering	Kulkarni, M	3
216	Mobile Cellular Telecommunications Analog And Digital Systems	Lee William C Y	14
217	Mobile Comunication	Schiller, Jochen H	8
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251	T/b Of Electrical Technology	Theraja, B L	9
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255	T/b Of Optics	Subrahmanyam, N	6
256	T/b Of Optics	Subrhmanayam,n	5
257	Technical Communication: Principals And Practice	Meenakshi, Raman	3
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259	Text Book Of Electrical Technology	Theraja, B.L.	7
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261	The 8051 Microcontroller	Ayala, Kenneth	10
262	The 8051 Microcontroller And Embedded System	Mazidi, Muhammad Ali	5
263	The 8051 Microcontroller And Embedded Systems	Muhammad Ali Mazidi	6
264	The Design Of Cmos Radio Frequency Integrated Circuits	Lee,thomas H.	5
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276	Wireless Communications	Rappaport, Theodore S.	5
277	Wireless Communication Technology	Blake, Roy	8
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279	Wireless Digital Communications	Feher ,kamilo	7
280	Fundamental Of Satellite Communication	Raman, S.k	6
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282	Fundamentals Of Electrical Drives	Dubey, Gopal K	2
283	Fundamentals Of Electrical Engineerin& Electronics	Sahdev S.K	4
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285	Fundamentals Of Electrical Engineering Electronics	Sahdev, S.K	8
286	Fundamentals Of Electromagneti	Rao,nannapaneni Narayana	9
287	Fundamentals Of Radar, Sonar And Navigation Engineering	Sharma,k.k	4
288	Gate 2020 Electronics & Comunication Engineering	CI Educate	4
289	Gate 2020 Instrumentation Engineering	CI Educate	6
290	Gate2020 Electrical Engineering	CI Educate	7
291	Industrial Electronics And Control	Paul, Biswanath	8
292	Intoduction To Microprocessors	Mthur, Aditya P	8
293	Introduction To Electrodynamics	Griffiths, David J	15
294	Introduction To Radar System	Skolnik, Merrill	8
295	Introduction To Radar Systems	Skolnik, Merrill I	5
296	Linear Control Systems	Manke, B S	8
297	Linear Programming: Methods And Applictions	Shenoy, G.v	8
298	Microprocesor Architecture & Programming	Goel, Subhir	6
299	Microprocessor Architecture &programming	Goyal, Sudhir	4
300	Microprocessor Architecture, Programming And Appications With Th 8085	Gaonkar, Ramesh	6
301	Microprocessor Architecture & Interfacing	Hall, Douglas V	6
302	Microprocessor Programming & Interfacing	Chaudhary, Dinesh	7
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