

## Department of Electrical Engineering

S.No.	TITLE OF THE BOOKS	AUTHORS	NO. OF BOOKS
1	Digital communications	Haykin, Simon	18
2	Communication systems	Haykin, Simon	19
3	Problems and solutions of control systems	Jairath, A K	15
4	Automatic control systems	Kuo, Benjamin C	25
5	Microwave engineering	Pozar, David M	6
6	Control systems engineering	Nagrath, I J & Gopal, M	34
7	Basic electrical engineering	Kothari, D P & Nagrath, I J	3
8	Telecommunication switching systems and networks	Viswanathan, Thiagarajan	15
9	Electronic devices and circuits	Salivahanan, S & N Suresh Kumar & Vallavaraj, A	5
10	Design of electrical machines	Mittle, V N & Mittal, A	5
11	Modern digital electronics	Jain, R P	41
12	Electronic principles	Malvino, Albert Paul	7
13	Elements of electronic instrumentation and measurement	Carr, Joseph J	2
14	Power electronics : Circuits, devices and applications	Rashid, Muhammad H.	2
15	Digital principles and applications	Leach, Donald P & Malvino, Albert Paul	33
16	Electric circuits	Edminister, Joseph & Nahvi, Mahmood	1
17	Digital computer electronics	Malvino, Albert Paul & Brown, Jerald A	10
18	Electric machinery	Fitzgerald, A E & Kingsley, Charles & Umas, Stephen D	6
19	Integrated electronics: Analog and digital circuits and systems	Millman, Jacob & Christos C	23
20	Basic electrical engineering with numerical methods	Dhogal, P S	6
21	Instrumentation devices and systems	Rangan, C S & Sarma, G R & Mani, V S V	8
22	Electrical engineering fundamentals	Toro, Vincent Del.	12
23	Modern electronic instrumentations measurement techniques	Helfrick, Albert D & Cooper, William D	33
24	Digital design	Mano, M Morris	33
25	Electromagnetic wave and radiating systems	Jordan, Edward C & Balmain, K G	31
26	Network analysis	Valkenburg van M E	29
27	An engineering approach to digital design	Fletcher, William I	33
28	A VHDL primer (very high speed integrated circuits hardware description)	Bhaskar, J	25



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29	Digital systems principles and applications	Tocci, Ronald J & Widmer, Negi S	14
30	Hughes electrical and electronics technology	Hughes, Edward	23
31	Transducers and instrumentation	Murty, D V S	5
32	Antennas for all applications	Kraus, John D & Marhefka, R J & Munk, A Ben & Lehto, Arto & Vainikainen, Pertii & Newman, Edward H & Walker, Christopher & Vainikainen, Pertti	20
33	Solid state electronic devices	Streetman, Ben G & Banerjee, Sanjay	10
34	Electronics devices and circuits theory	Boylestad, Robert L & Nashelsky, Louis	28
35	Modern control engineering	Ogata, Katsuhiko	7
36	Electrical engineering materials	Dekker, A J	1
37	Digital integrated electronics	Taub, Herbert & Schilling, Donald	15
38	Op-amp and linear integrated circuits	Gayakward, Ramakant A	50
39	Optical electronics	Ghatak, Ajoy & Thyagrajan, K	5
40	Motors, generators and transformers	Training Institute	5
41	Introduction to electric circuits	Dorf, Richard C & Svoboda, James	2
42	Electromagnetic with applications	Kraus, John D & Fleisch Danial A	35
43	Theory of current machinery	Langsdorf, Alexander S	5
44	Electronic devices and circuits	Millman, Jacob & Halkies, Christos	38
45	Circuits and networks: Analysis and synthesis	Sudhakar, A & Palli, Shyam Mohan S	40
46	Signal and linear system analysis	Carlson, Gordian E	5
47	Networks and systems	Choudhury, D Roy	22
48	Electric machines	Nagrath, I J & Kothari, D P	10
49	Automatic control systems	Kuo, Benjamin C & Golnaraghi Farid	2
50	A textbook of electrical technology	Theraja, B L & Theraja, A K	6
51	The performance and design of alternating current machines	Say, M G	20
52	Introduction to electrodynamics	Griffiths, David J & Read	27
53	Principles of electrical engineering and electronics	Mehta, V K	2
54	Theory and problems in circuit analysis	Iyer, T S K V	9
55	Signals and systems	Oppenheim, Alan V & Willsky, Alan S & Nawab S Hamid	21
56	Digital electronics: principles and application	Tokheim, Roger L	2
57	Basics electronics and linear circuits	Bhargava, N N & Kulshreshtha, D C	41



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60	A textbook on power system engineering	Chakrabarti, A & Soni, M L & Gupta, P V & Bhatnagar, U S	5
61	System simulation	Gordon, Geoffrey	18
62	Fuzzy sets and fuzzy logic theory and applications	Klir, George J & Yuan, B O	5
63	VHDL primer	Bhaskar, J	5
64	Digital electronics: An introduction to theory and practice	Gothmann, William H	8
65	Linear control systems	Manke, B S	5
66	Microwave principles	Reich, Herbert J & Skolnik, J G & Ordign, P F & Krauss, H. L.	5
67	Communications systems: Analog and digital	R P Singh & Sapre, S D	22
68	Operational amplifiers and linear integrated circuits	Coughlin, Robert, F & Driscoll, Fredrick F	14
69	Elements of electromagnetic fields	Seth, S P	5
70	Linear I.C. equipments with pin connections	Hoebeek, A M	6
71	A course in electrical and electronic measurements and instrumentations	Sawhney, A K	51
72	Electrical machinery	Bimbhra, P S	5
73	Quality control and application	Hansen, Bertrand L & Ghare, Prabhakar M	5
74	Circuit theory	Iyer, T S K V	5
75	Electronic communication systems	Kennedy, George & Davis, Bernad	17
76	Transmission lines & network filters& transmission line	Sinha, Umesh	7
77	Microelectronics	Millman, Jacaob & Grabel, Arvin	8
78	Circuit theory: Analysis and synthesis	Chakrabarti, A	40
79	Modern digital and analog communication systems	Lathi, B P	7
80	Audio and video systems: principles maintenance and troubleshooting	Gupta, R G	1
81	Introduction to radar systems	Skolnik, Merrill	22
82	An introduction to network filter and transmission lines	Chakrabarti, A	3
83	VHDL: programming by examples	Perry, Douglas L	2
84	Digital fundamentals	Floyd, Thomas & Jain R P	11
85	Maintenance of electronic equipments	Jamwal, K S	1
86	A course in electrical circuits analysis	Soni, M L & Gupta, J C	3
87	Basic electrical engineering	Mehta, V K & Mehta, Rohit	1
88	Microwave devices and circuits	Liao, Samuel Y	28
89	WAP: the wireless application for the mobile internet	Singhal, Sandeep & others	1
90	Electric machinery and transformers	Kosow, Irving H	1



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92	Sams teach yourself TCP/IP	Casad, Joe	2
93	A textbook of basic electronics	Gupta, Navneet & Sehdev, S K	1
94	Problems and solution in network analysis	Gupta, Navneet & Sehdev, SK	1
95	Electrical design estimating casting	Raina, K B & Bhattacharya, SK	5
96	Control system design	Goodwin, G C & Graebe, Stefan F &	4
97	Power electronic for technology	Ahmed, Ashfar	15
98	Element of electronic navigation	Nagaraja, N S	17
99	Introduction to biomedical equipment technology	Carr, Joseph J & Brown, John M	6
100	Electrical power systems	Wadhwa, C L	5
101	Composite satellite and cable television	Gulati, R R	5
102	HVDC power transmission systems: technology and system interactions	Payidar, K R	10
103	Modern control system theory	Gopal, M	5
104	Telecommunications switching traffic and networks	Flood, J E	15
105	Introductory circuits for electrical and computer engineering	Nilsson, James & Riedel Susan A	15
106	Electronic devices and circuits	Bell, David A	5
107	Power system protection and switchgear	Ravindranath, B & M Chander	5
108	Electronic engineering material and devices	Allison, John	15
109	Networks and transmission	T Anil Kumar	5
110	Field and wave electromagnetics	Chang, David K	7
111	Fundamentals of quality control and improvement	Mitra, Amitava	15
112	Discrete-Time- Control Systems	Ogata, Katsuhiko	7
113	Probability and random processes with application to signal processing	Stark, Henry & Woods, John W	5
114	An introduction to electrical engineering materials	Indulkar, C S & Thiruvngadam, S	8
115	Power system analysis and desing	Gupta, B R	6
116	Engineering circuit analysis	Hayt, William H & Kemmerly, J D	11
117	Process systems analysis and control	Coughanawr, Donald R	10
118	Wireless communication and networks	Stalling, William	22
119	Telecommunications survival	Moulton, Pete	5
120	Digital modulation and coding	Wilson, Stephen G	5
121	Understanding digital signal processing	Lyon, Richard G	3
122	The wireless application protocols	Alvinen, Jari & Bevis, D & Chan Jim & Hild, Stefan	3
123	Electromagnetic theory and electrodynamics	Satya, Prakash	18
124	Fundamentals of speech recognition	Rabiner, Lawrence & Juang, Biing Hwang	2
125	Speech and language processing	Jurafsky, Daniel & Martin, James	5



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128	Textbook of real analysis	Parkash, Kulbhushan	3
129	Instrumental methods of analysis	Willard, Hobart H & Merrill, L L: & Deani, J A & Settle, F A	12
130	A textbook electronic principles	Sahdev, SK	11
131	Introduction to digital signal processing	Johnson, Johnny R	1
132	Principles of electronics	Mehta, V K	8
133	Engineering electromagnetics	B William H	5
134	Electric Machinery fundamentals	Chapman, Stephen J	1
135	Basic electrical engineering	Gupta, J B	11
136	ABC of electrical engineering	Jain, Malika & Jain, Priyanka	1
137	Integrated electronics: Analog and digital circuits and design	Millman, Jacob & Halkias,k Christor C	12
138	Mobile communication satellites : Theory and applications	Logsdon, Tom	1
139	Interconnecting CISCO network	Mcquerry, Steve (ed.)	1
140	Modern electronic communication	Sinha, R K	1
141	Power systems analysis	Bergen, Arthur R & Vittal, Vijay	12
142	Industrial electronics and control	Paul, Biswanath	5
143	Fundamentals of digital image processing	Jain, Anil K	18
144	The art of electronics	Horowitz, Paul & Hill, Win Field	11
145	Motion and time study design and measurements	Barnes, Ralph M	12
146	Fundamentals of electrical engineering & electronics	Sahdev, S K	29
147	Satellite communications	Gagliardi, Robert M	13
148	Analysis design and implementation of information systems	Sharma, Ashok Kumar	5
149	The wireless application protocol: Writing application for the mobile internet	Singhal, Sandeep & others	2
150	Signals and systems	Haykin, simon & Veen, Barryvan	23
151	Experiments in basic electrical engineering	Bhattacharya, S K & Rastogi, K M	5
152	Introductory functional analysis with applications	Kreyszig, Erwin	10
153	Electronic devices and circuits: An introduction	Mottershead, Allen	13
154	Digital control and state variable methods: Conventional and neuro-fuzzy control systems	Gopal, M	5
155	Semiconductor optoelectronic devices	Bhattacharya, Pallab	3
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162	A course in power systems	Gupta, J B	1
163	Fundamentals of electrical engineering and electronics	Theraja, B L	2
164	Modern power electronics	Sen, P C	3
165	Circuits and systems	Soni, K M	1
166	Networks and systems	Soni, K M	1
167	Digital integrated circuits	Gautam, A K	1
168	Electrical science	Gupta, B R & Singhal, Vandana	1
169	A textbook of digital electronics	Sedha, R S	1
170	A textbook of applied electronics	Sedha, R S	1
171	Principles of power system	Mehta, V K & Mehta, Rohit	1
172	Principles of electric machines	Sen, P C	1
173	Digital signal processing	Sharma, Sanjay	1
174	System simulation with digital computer	Narsingh, Deo	10
175	Communication systems : Analog & digital	Sharma, Sanjay	21
176	Pulse and digital electronics	Mithal, G K & Vanwasi, A K	10
177	Basic electronics: Solid state	Theraja, B L	3
178	Signals and systems	Sharma, Sanjay	11
179	Modern systems analysis and design	Hoffer, Jeffrey A & George, Joey F & Valacich, Joseph S	5
180	Antenna and wave propagation	Gautam, A K	1
181	Multimedia sound and video	Lozano, Jose	3
182	Systems analysis and design methods	Whitten, Jeffery L & Bentley, L D & Dittan, Kevin C	8
183	Electronic fundamentals applications : Integrated and discrete systems	Ryder, John D	5
184	Pulse digital and switching wave forms	Millman, Jacob & Taub, Herbert	16
185	Principles of communication systems	Taub, Herbert & Schilling Donald L	14
186	Measurement systems: Application and design	Doebelin, Ernest O	12
187	Elements of electrical engineering and electronics	Gupta, J B	1
188	Principles of control systems	Xavier, S P Eugene & Babu, J Joseph Cyril	3
189	Electronic communications systems : Fundamentals through advanced	Tomasu, Wayne	4
190	The concepts and features of microcontrollers	Raj Kamal	2
191	Microwave engineering	Gautam, A K	19
192	A textbook of digital computer electronics	Chaudhuri, Brem Ray	2
193	Principles of communication engineering	Anokh Singh & Chhabra, A K	1
194	Operational and amplifiers and their applications	Sarkasr, Subir Kumar	2
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197	Theory and problems of electronic circuits	Nahvi, Mahmood & Administer, Joseph A	1
198	Antenna theory: Analysis and design	Balanis, Constantine A	9
199	microwaves	Gupta, K C	13
200	Basic electrical and electronic engineering	Katre, J S	21
201	Electronic measurements and instrumentation	Gupta, J B	50
202	Principles of electronics	Mehta, V K & Mehta, Rohit	20
203	Electronic devices and circuits	Gupta, Sanjeev & Gupta, Santosh	27
204	Electronic devices and circuits	Sahdev, S K	40
205	Electronic devices and circuits	Gupta, J B	32
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