

CHANDIGARH COLLEGE OF ENGINEERING AND TECHNOLOGY (DEGREE), SECTOR-26, CHANDIGARH

LIST OF BOOKS TO BE PURCHASED

Sr. No.	Name Of The Book	Author's Name	Publisher's Name	Price In Rs. (Approx.)	No. Of Copies	Total Cost
1.	Mechanics Of Materials	Gere And Timoshenko	CBS Publisher		10	
2.	Engineering Mechanics	A Dhiman And Kulshtreshtha	Mc Graw Hill Ed.		15	
3.	Structural Analysis-I	SS Bhavikatti	Vikas Publishing House		8	
4.	Structural Analysis-II	SS Bhavikatti	Vikas Publishing House		8	
5.	Structural Analysis	RC Hibbler	Pearson		5	
6.	Structural Analysis: A Matrix Approach	Pandit And Gupta	Mcgraw Hill Ed.		10	
7.	Conceret Technology	M S Shetty	S Chand		15	
8.	Hydrology And Water Resources Engineering	H M Raghunath	New Age		10	
9.	Hydraulics And Fluid Mechanics	P N Modi And S M Seth	Standard Book House		15	
10.	Steel Structures: Design And Practice	N. Subramanian	Oxford Univ. Press		8	
11.	Hydrology And Water Resources Engineering	Santosh Kumar Garg	Khanna Publishers		8	
12.	Surveying And Levelling	N N Basak	Mc Graw Hill Ed.		8	

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13.	Design Of Steel Structures: By Limit State Method As Per IS: 800-2007	S S Bhavikatti	I K International Pub.		8	
14.	Structural Design & Drawing	Krishna Raju	Universities Press		8	
15.	Traffic Engg. & Transp. Planning	L R Kadiyali	Khanna Publishers		8	
16.	Limit State Design Of RC Structures	Punmia, Jain	Laxmi Pub.		8	
17.	Treasures Of RCC Designs	Sushil Kumar	Standard Book House		8	
18.	Irrigation Engg.	Birdie, Das	Dhanpat Rai		8	
19.	Design Of Steel Structures	Arya, Ajamani	Nem Chand		8	
20.	Construction Equipment And Management	S C Sharma	Khanna Publishers		8	
21.	Dynamics Of Structures With MATLAB	Ashok K Jain	Pearson		5	
22.	Earthquake Resistant Design Of Structures	Aggrawal And Shrikhande	PHI		8	
23.	GATE Civil Engg.	Trishna	Pearson		5	
24.	An Intro. To Neutral Networks	James	MIT Press		5	
25.	Beginning R: The Statistical Programming Language	Marke Gardener	John Wiley & Sons		3	
26.	Business Ethics And Professional Values	Rao	Excel Books		5	
27.	Data Mining Introductory And Advanced Topics	M.H Dundham	Pearson		5	

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28.	Data Mining: Concepts And Techniques	Jiawei Han	Morgan Kaufmann		5	
29.	Database Management Systems	Alexis Leon	Leon Vikas 2002		5	
30.	Database System Concept	Silverschatz/Korth	TMH		6	
31.	Digital Image Proessing Using Matlab	Gonzalez And Woods	TMH		5	
32.	Elements Of Discrete Mathematics	C.L Liu	TMH		3	
33.	Fundamentals Of Business Analytics	RN Prasad	JW		5	
34.	Fundamentals Of Database Systems (7th Edition)	Ramezelmasri	Pearson		5	
35.	Introduction To Automata Theory Languages And Computation	Hpcroft	Pearson		3	
36.	Introduction To Language & Theory Of Computation	John C. Martin	TMH		5	
37.	Introduction To Probability And Statistics	J.S Milton	TMH		4	
38.	Sahum's Outline Of Theory And Problems Of Linear Algebra	Seymour Lipschutz	TMH		5	
39.	Successful Business Intelligence Secrets To Making Killer Bi Applications	Cindihowson	TMH		5	
40.	Data Structures Using C And C++	Aaron M. Tenenbaum	Pearson		5	
41.	Simulation Modelling And Analysis	Averill M. Law	TMH		5	
42.	Multicast & Group Security HRD Edition (English, Hardcover, Hardjono)	Hardjono	Artech House Publishers		1	
43.	Parallel Computer Organization And Design	Michel Dubois	Cambridge University Press		1	6220

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44.	Deep Learning	Ian Goodfellow, Yoshua Bengio And Aaron Courville	The MIT Press		1	1745
45.	Hands-On Machine Learning With Scikit-Learn And Tensor Flow: Concepts, Tools, And Techniques To Build Intelligent Systems	Aurélien Geron	O'REILLY		1	1450
46.	Internet of Things: A Hands-On Approach	Arshdeep Bahga, Vijay Madisetti	Universities Press		1	560
47.	Handbook of Cyber Law	Vakul Sharma	Mc Millian		3	4200
48.	IT Laws	Diane Row Land	TMH		1	4345
49.	Entrepreneurship Development In India	Gupta C.S & Srinivasan	Sultan Chand		5	1500
50.	Projects Planning Analysis Selection Financing Implementation & Review	Chandra P	TMH		5	2135
51.	Software Optimization For High Performance Computing: Creating Faster Applications	K.R. Wadleigh And I.L. Crawford	Prentice Hall		1	727
52.	Solutions Manual To Accompany Elements Of Discrete Mathematics, Second Edition	C.L. Liu	Tata Mcgraw-Hill		1	475
53.	Database Systems Concepts, Design And Applications	S. K. Singh	Pearson Education		1	685
54.	Business Intelligence Roadmap	Larissa Terpeluk Moss, Shakuatre	Latest Edition, Addison Wesley, 2012		1	845
55.	Introduction To High Performance Computing For Scientists And Engineers	Lloyd D Fosdick	MIT Press (MA)		1	

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56.	Data Structures And Algorithms Using C++	R.S Salaria	Khanna Book Publishing		5	
57.	Data Structures Using C	Reema Threja	Oxford		5	
58.	Total Quality Management	Besterfield Dale H.	Pearson Education India		20	
59.	Engineering Thermodynamics	P.K Nag	Tata Mc Graw Hill		5	
60.	Design Of Machine Elements	V.B. Bhandari	Mc Graw Hill Education		20	
61.	Mechanics Of Material	F.P. Bear	TMH		4	
62.	Theory Of Mechanisms And Machines	Amitabha Ghosh	East West Press		4	
63.	Mechanical Vibrations	S.S Rao	Pearson		15	
64.	Design And Analysis Of Experiments	Douglas C. Montgomery	Wiley		2	
65.	Matlab Programming For Engineers	Stephen J. Chapman	Cengage		2	
66.	Finite Element Procedures	Bathe	PHI		2	
67.	Practical Methods Of Optimization	R. Fletcher	Wiley		2	
68.	Textbook Of Finite Element Analysis	P.Seshu	PHI		4	
69.	A First Course In Finite Element Method	Daryl Logan	Engage		4	
70.	CAD/CAM: Computer Aided Design And Manufacturing	Groover	Pearson		4	
71.	The Finite Element Method For Engineers	Kenneth /Huebner	JW		4	
72.	Engineering Optimization: Methods And Applications	A. Ravindran	Wiley		2	
73.	Finite Element Method In Engineering	S.S.Rao	Elesiver		4	
74.	Gas Tribunes	Ganesan	TMH		4	
75.	Total Quality Management Principles	D.D Sharma	Sultan Chand & Sons		10	
76.	Mechanical Measurement & Control	D.S Kumar	Metropolitan		10	
77.	Principles Of Manufacturing Materials And Process	Cambell	Tata Mc Graw Hill		4	

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78.	Geometric Modelling	M. Mortenson	Industrial Press		4	
79.	Getting Started With CNC (Make)	Edward Ford	Maker Media		1	
80.	Introduction To AUTOCAD 2017	Bernd S. Palm, Alf Yarwood	Routledge		1	
81.	Practical Finite Element Analysis	Nitin S. Gokhale , Sanjay S. Deshpande , Sanjeev V. Bedekar	Finite To Infinite		4	
82.	Device Electronics For Integrated Circuits	Richard S.Muller Theodore I. Kamins	John Wiley And Sons, 1986.		10	
83.	Fundamentals Of Semi-Conductor Devices	Edward S. Yang	Mcgraw Hill, 1988		2	
84.	Physics Of Semi Conductor Devices	S.M. Sze	Wiley India (2015)		10	
85.	MOS Field-Effect Transistors And Integrated Circuits	Paul Richaman	Wiley (1973)		2	
86.	Hand Book Of Bio-Medical Instrumentation	R.S.Khandpur	Tata Mc Graw Hill, 2003		2	
87.	Biomedical Instrumentation And Measurements	Leslie Cromwell, Fred J. Weibell, Erich A. Pfeiffer	Prentice-Hall,		10	
88.	Medical Instrumentation: Application And Design	J.G. Websster	Houghton Mifflin, 1978		6	
89.	Exploring Arduino	Jeremy Blum	Wiley		2	
90.	30 Arduino Projects For Evil Genius	Simon Monk	Mc Graw-Hill Professional		2	
91.	Make: Arduino Bots And Gadgets	Kimmo And Tero Karvine	O'REILLY		2	
92.	Arduino Internals	Dale Wheat	Technology In Action		2	

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93.	Electrical And Electronic Measurements And Instrumentation	Sawhney A K	Dhanpat Rai And Sons		2	
94.	Electronic Instrumentation	Kalsi H S	Tata Mc Graw Hill		2	
95.	Electronic Instrumentation And Measurement Techniques	W D Cooper And A D Hilfrick	PHI		10	
96.	Learning With Lab VIEW 7 Express	R H Bishop	Pearson Ed.		2	
97.	Virtual Instrumentation Using Lab VIEW Kindle Edition	Jovitha Jerome	EEE (PHI)		2	
98.	Networks And Systems	Ashfaq Hussain	Khanna Book Publishing		2	
99.	Network Analysis And Synthesis	D.R.Chaudhry	New Age		10	
100.	Theory And Problems Of Electric Circuits ,Schaum Outlines	Joseph A. Edminister Tata	Mcgraw Hill,1991		2	
101.	Network Analysis	M.E. Van Valkenburg	Prentice Hall		10	
102.	Digital Signal Processing, Principles Algorithms And Applications	Proakis & Mono Lakis	Pearson Education Ltd.		10	
103.	Digital Signal Processing	S.Shalivahan, A. Vallav Raj, C. Gnanapriya	Tata Mcgraw Hill		10	

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LIST OF BOOKS TO BE PURCHASED

104.	Digital Signal Processing And Applications	Farooq Hussain	Umesh Publications		2	
105.	ARM System-On-Chip Architecture	Steve Furber	Addision Weseley		2	
106.	ARM Assembly Language Programming & Architecture	Mazidi & Naimi	ARM Books		2	
107.	Nano Technology	G.Timp	Bell Labs NJ(Ed.		2	
108.	Let Us C	Yashwant Kanetkar	BPB Publication		10	
109.	Advanced Engineering Mathematics (10th Edition)	R. Kreyszig	JW		5	
110.	Calculus 9th Edition	G.B Thomas	Pearson		5	
111.	Higher Engineering Mathematics	B.S Grewal	Khanna		5	
112.	Schaum's Outline Of Theory And Problems Of Linear Algebra	Seymour Lipschutz	TMH		4	
113.	Complex Variables & Applications	R.V Churchill	TMH		4	
114.	Linear Algebra	Vivek Sahai	Narosha		4	
115.	Numerical Methods	M.K Jain	New Age		4	
116.	Operations Research	Hamdy A. Taha	Pearon		4	
117.	Material Science And Engineering- An Introduction	William D Callister	John Wiley & Sons		4	
118.	Material Science And Engineering- A First Course (4th Edition)	V. Raghvan	PHI		4	
119.	Solid State Physics	S.O Pillai	New Age		4	

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120.	Introduction To Solids (3rd Edition)	Leonid V Azaroff	TMH		4	
121.	Solid State Physics	C.Kittel	Jw		4	
122.	Atkin's Physical Chemistry (7th Edition)	Peer Atkins	Oup		3	
123.	A Textbook of Engineering Chemistry All India	Shashi Chawla	D.R. Co.		7	
124.	Principles Of Physical Chemistry	Puri Sharma	Vishal		7	
125.	Business Communication Today	Bovee	Pearson		2	
126.	Technical Communication :Principles And Practice	Raman	Oxford		2	
127.	Technical Communication: Principles And Practice	Raman	Oxford University		2	
128.	Advanced Engineering Mathematics (10th Edition)	R. Kreyszig	JW		10	
129.	Calculus 9th Edition	G.B Thomas	Pearson		10	
130.	Higher Engineering Mathematics	B.S Grewal	Khanna		3	
131.	Schaum's Outline Of Theory And Problems Of Linear Algebra	Seymour Lipschutz	TMH		3	
132.	Complex Variables & Applications	R.V Churchill	TMH		3	
133.	Linear Algebra	Vivek Sahai	Narosha		3	
134.	Numerical Methods	M.K Jain	New Age		3	
135.	Operations Research	Hamdy A. Taha	Pearon		3	
136.	Physics For Engineers	N.K Verma	PHI		3	
137.	Physics Of Vibrations And Waves (6th Edition)	H.J Jain	JW		3	
138.	Optics	Ajoy Ghatak	TMH		3	
139.	Material Science And Engineering- An Introduction	William D Callister	John Wiley & Sons		3	
140.	Material Science And Engineering- Afirst Course	V. Raghvan	PHI		3	

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	(4th Edition)					
141.	Solid State Physics	S.O Pillai	New Age		3	
142.	Introduction To Solids (3rd Edition)	Leonid V Azaroff	TMH		3	
143.	Concept Of Modern Physics	Athur Beiser	TMH		3	
144.	Solid State Physics	C.Kittel	JW		3	
145.	Statistical Physics And Thermodynamics	V.S Bhatia	Vishal		3	
146.	Atomic Spectra	H.E White	TMH		3	
147.	Nuclear Physics	I.Kalpan	Addison Wesley		3	
148.	Engineering Electromagentics	William H Hyat	Tmh		3	
149.	Elements of Engineering Electromagnetics	Matthew N.O Sadiku	Oxford University		3	
150.	Introduction To Electrodynamics	D.J Griffiths	Pearson		3	
151.	Concise Inorganic Chemistry (5th Edition)	J.D Lee 2003	Chapman & Hall		3	
152.	Introductory Polymer Chemistry	G.S Mishra	John Wiley & Sons		3	
153.	Introduction To Spectroscopy (5th Edition)	D.S Pavia	Cingage		3	
154.	Basic Inorganic Chemistry	Cotton F.A	JW		3	
155.	Atkin's Physical Chemistry (7th Edition)	Peer Atkins	OUP		3	
156.	A Textbook Of Engineering Chemistry All India	Shashi Chawla	D.R. Co.		3	
157.	Principles Of Physical Chemistry	Puri Sharma	Vishal		3	
158.	Business Ethics- Text & Class	Murthy.CSV	Himalaya Pub.		3	
159.	Business Ethics	Laura P.Hartman	TMH		3	
160.	Business Ethics Concept & Cases	Manuel G.Velasquez	Pearson		3	
161.	Theories Of Personality	Calvin S.Hall	JW		3	
162.	Effective Technical Communication	Ashraf	TMH		3	
163.	Business Communication Today	Bovee	Pearson		3	
164.	Technical Communication :Principles And Practice	Raman	Oxford		3	
165.	Business Correspondence And Report Writing	Sharma	TMH		3	

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166.	Technical Communication: Principles And Practice	Raman	Oxford University		3	
167.	Body Language	Pease	Sheldon Press		3	
168.	A Course In Phonetic And Spoken English	J Sethi	PHI		3	