



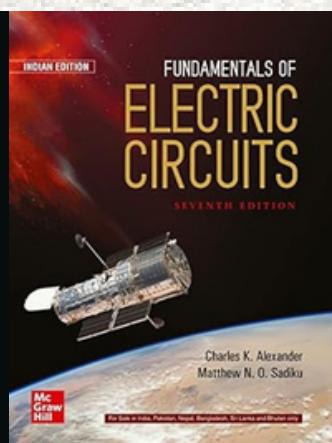
# Central Library

# BOOK BANK

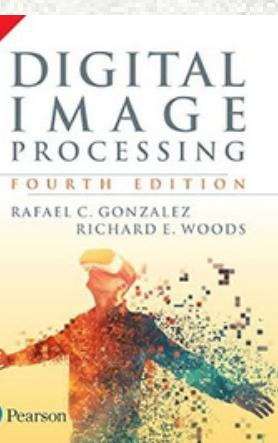
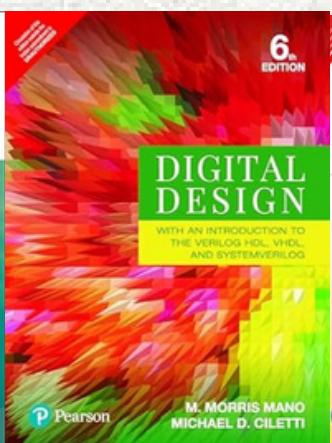
**SEMESTER BOOKS FOR B.TECH STUDENTS ONLY**

**COMPOSITE  
MATERIALS AND  
STRUCTURAL  
ANALYSIS**

N.G.R. Iyengar



Stereochemistry



**TITLES IN BOOK BANK FOR JANUARY 2024**

**CONTACT US:**

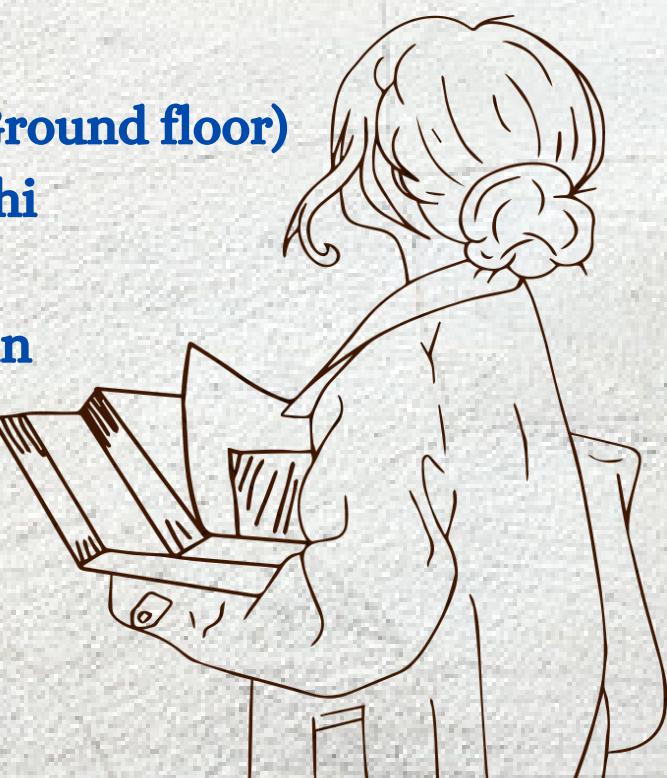
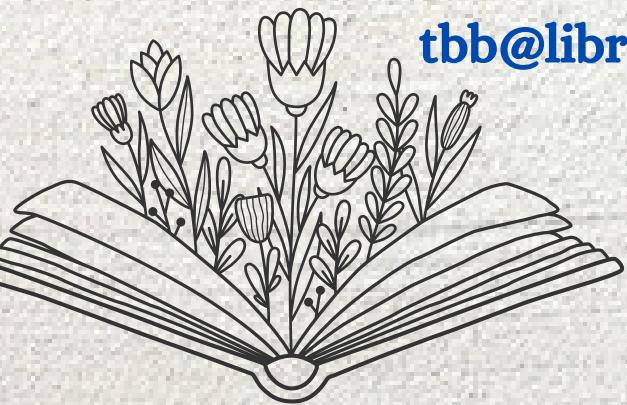
**Text Book & Book Bank Section(Ground floor)**

**Central Library, IIT Delhi**

**011-26596654/1496**

**vanita@library.iitd.ac.in**

**tbb@library.iitd.ac.in**



## TITLES IN BOOK BANK

Sr No	Title	Author	Book No.	Available
1.	Macroeconomics: theory and policy	Ackley, Gardner	ACK-M	2
2.	Textbook of physical chemistry	Adamson, Arthur W.	ADA-T	2
3.	Compilers: principles, techniques and tools	Aho, Alfred V.	AHO-C	2
4.	Design and analysis of computer algorithms	Aho, Alfred V.	AHO-D	3
5.	Data structures and algorithms	Aho, Alfred V.	AHO-D	9
6.	Microprocessor with application in process control	Ahson, S.I.	AHS-M	11
7.	Biochemical engineering	Aiba, Shuichi	AIB-B	1
8.	Fundamentals of electric circuits	Alexander, Charles K.	ALE-F	5
9.	Alternative Indias : writing, nation and communalism	Morey, Peter	-ALT	1
10.	Calculus	Anton, Howard	ANT-C	9
11.	Management accounting: text and cases	Anthony, Robert N.	ANT-M	2
12.	Calculus	Apostol, Tom M.	APO-C	5
13.	Mathematical analysis	Apostol, Tom M.	APO-M	10
14.	Introduction to mathematical treatment of economics	Archibald, G.C.	ARC-I	4
15.	Mathematical methods for physicists	Arfken, George B.	ARF-M	25
16.	Refrigeration and air-conditioning	Arora, C.P.	ARO-R	12
17.	Materials selection in mechanical design	Ashby, Michael F.	ASH-M	10
18.	Handbook of industrial metrology	ASTME	AST-H	1
19.	Value engineering in manufacturing	ASTME	AST-V	1
20.	Elements of physical chemistry	Atkins, Peter	ATK-E	15
21.	Physical chemistry	Atkins, P.W	ATK-P	72
22.	Introduction to bioinformatics	Attwood, T.K.	ATT-I	20
23.	Introducing systems and control	Auslander, David M.	AUS-I	1
24.	Theory and problems of differential equations	Ayres, F.	AYR-T	2
25.	Theory and problems of planes and spherical trigonometry	Ayres, Frank.	AYR-T	1
26.	Heat and mass transfer	Baehr, Hans Deiter	BAE-H	1
27.	Biochemical engineering fundamentals	Bailey, James	BAI-B	30
28.	Antenna theory: analysis and design	Balanis, Constantine A.	BAL-A	10
29.	Introduction to sociology: a study of human action and interaction	Balasundram, Palayam M.	BAL-I	1
30.	Network synthesis	Balabanian, N.	BAL-N	2
31.	Introduction to organic reactions	Bansal, R.K.	BAN-I	1
32.	Laboratory manual in organic chemistry	Bansal, Raj K.	BAN-L	1
33.	Organic reaction mechanisms	Bansal, Raj K.	BAN-O	1
34.	Textbook of organic chemistry	Bansal, Raj K.	BAN-T	4
35.	Compiler construction: theory and practice	Barrett, William A.	BAR-C	1
36.	Digital communication	Barry, John R.	BAR-D	2

## TITLES IN BOOK BANK

37.	Experimental measurements, precision, error and truth	Barford, N.C.	BAR-E	18
38.	Introduction to molecular spectroscopy	Barrow, G.M.	BAR-I	1
39.	Introduction to real analysis	Bartle, Robert G. & Sherbert	BAR-I	3
40.	Motion and time study	Barnes, Ralph M.	BAR-M	7
41.	Vogel's textbook of quantitative inorganic analysis including elementary instrumental analysis	Bassett, J.	BAS-V	1
42.	Vector mechanics for engineers : statics and dynamics	Beer, Ferdinand P.	BEE-V	6
43.	Concept of modern physics	Beiser, Arthur	BEI-C	74
44.	American petroleum refining	Bell, H.S.	BEL-A	1
45.	Momentum, heat and mass transfer	Bennett, C.O.	BEN-M	1
46.	Autocad for engineering graphics	Bertoline, Gary R.	BER-A	8
47.	Computer aided design and manufactures	Besant, C. B.	BES-C	1
48.	Classical mechanics: with introduction to nonlinear oscillations and chaos	Bhatia, V.B.	BHA-C	4
49.	Engineering drawing:plane and solid geometry	Bhatt, N. D.	BHA-E	26
50.	Introduction to sociology	Bhusan, Vidhya	BHU-I	1
51.	Structural geology	Billings, Marland P.	BIL-S	1
52.	Textbooks of polymer science	Billmayer, Fred W.	BIL-T	17
53.	Biomaterials science: an introduction to materials in medicine	Ratner, Buddy D.	-BIO	2
54.	Transport phenomena	Bird, R. Byron	BIR-T	7
55.	Land use/transport system	Blunden, W.R.	BLU-L	2
56.	Foundations of electrical engineering	Bobrow, Leonard S.	BOB-F	14
57.	Principles of textile testing: indtroudction to physical methods of testing textile fibres, yarns and fabrics	Booth, J.E.	BOO-P	2
58.	Fundamentals of thermodynamics SI Version	Borgnakke, Claus	BOR-F	9
59.	Information theory, coding and cryptography	Bose, Ranjan	BOS-I	8
60.	Environmental science	Botkin, Keller	BOT-E	10
61.	Sociology: a guide to problems and literature	Bottomore, T.B.	BOT-S	1
62.	Foundation analysis and design	Bowles, Joseph E.	BOW-F	6
63.	Macroeconomics	Brooman, F.S.	BRO-M	5
64.	Process equipment design	Brownell, Lloyd E.	BRO-P	7
65.	Structural analysis	Brown, E.H.	BRO-S	8
66.	Modern production: operation management	Buffa, E.S.	BUF-M	10
67.	Differential geometry and relativity	Cahen, M. & Flato , M.	CAH-D	1
68.	FALL	Camus, Albert	CAM-F	2
69.	Principles of manufacturing materials and processes	Cameron, A.	CAM-P	2
70.	Principles of lubrication	Cameron, A.	CAM-P	1
71.	Plague	Camus, A	CAM-P	6

## TITLES IN BOOK BANK

72.	Applied numerical methods	Carnahan, Brice	CAR-A	2
73.	Communication system: introduction to signals and noise in electrical communication	Carlson, Bruce A.	CAR-C	3
74.	Introduction to probability and stochastic processes with applications	Castaneda, Liliana Blanco	CAS-I	19
75.	Development planning: the Indian experience	Chakravarty, Sukhamoy	CHA-D	1
76.	Elements of microwave engineering	Chaterjee, Rajeswari	CHA-E	5
77.	Industrial relations in India's developing economy	Chatterjee, N.N.	CHA-I	1
78.	Workshop Technology	Champman, W.A.J.	CHA-W	31
79.	Analysis of linear systems	Cheng, David K.	CHE-A	3
80.	Introduction to plasma physics and controlled fusion	Chen, Francis F.	CHE-I	6
81.	Applied hydrology	Chow, Ven Te	CHO-A	2
82.	Elements of complex analysis	Choudhary, B.	CHO-E	3
83.	Functional analysis with applications	Choudhary, B.	CHO-F	6
84.	Thin film phenomena	Chopra, Kasturi	CHO-T	3
85.	Thin film devices applications	Chopra, Kasturi Lal	CHO-T	1
86.	Fourier series and boundary value problems	Churchill, Ruel V.	CHU-F	8
87.	Programming in prolog	Clocksin, W.F.	CLO-P	10
88.	Gas turbine theory	Cohen, H.	COH-G	21
89.	Foundation for microwave engineering	Collin, Robert E.	COL-F	7
90.	Confocal and two-photon microscopy: foundations, applications and advances	Alberto, Diaspro	-CON	1
91.	Elementary numerical analysis: an algorithmic approach	Conte, S.D.	CON-E	9
92.	Electronic instrumentation and measurement techniques	Cooper, David William	COO-E	2
93.	Physical measurement and analysis	Cook, Nathan H.	COO-P	2
94.	Advanced inorganic chemistry	Cotton, F.	COT-A	19
95.	Chemical engineering	Coulson, J.M.	COU-C	52
96.	Methods of mathematical physics	Courant, R.	COU-M	4
97.	Process systems analysis and control	Coughanowr, Donald R.	COU-P	28
98.	Introduction to mechanics of solids	Crandall, H.	CRA-I	2
99.	Introduction to computational genomics: a case studies approach	Cristianini, Nello	CRI-I	1
100.	Biotechnology: textbook of industrial microbiology	Crueger, W.	CRU-B	3
101.	New era of management	Daft, Richard L.	DAF-N	1
102.	Indian economy	Datt, Ruddar	DAT-I	3
103.	Introduction to database systems	Date, C. J., Kannan, A. & Swamynathan, S.	DAT-I	12
104.	Design of reinforced concrete structures	Dayaratnam, P.	DAY-D	2

## TITLES IN BOOK BANK

105.	Heat and thermodynamics for undergraduate students	Dayal, B.	DAY-H	1
106.	Materials and processes in manufacturing	Degarmo, E. Paul	DEG-M	20
107.	Electrical engineering fundamentals	Del Toro, Vincent	DEL-E	12
108.	Principles of electrical engineering	Del Toro, Vincent	DEL-P	14
109.	System simulation with digital computer	Deo, Narsingh	DEO-S	3
110.	Macroeconomics: concepts, theories and policies	Dernburg, Thomas F.	DER-M	4
111.	Basic circuit theory	Desoer, Charles A.	DES-B	2
112.	Economic planning and policy	Desai, S.S.M.	DES-E	1
113.	In custody	Desai, Anita	DES-I	10
114.	Rural sociology in India	Desai, A.R.	DES-R	1
115.	Engineering thermodynamics a generalised approach	Dhar, P. L.	DHA-E	4
116.	Foundry technology	Dharmendra Kumar	DHA-F	2
117.	Introduction to quantum mechanics	Dicke, Robert H.	DIC-I	4
118.	Theory and problems of macroeconomic theory	Diulio, Eugene A.	DIU-T	8
119.	Measurement systems: application and design	Doebelin, Ernest O.	DOE-M	1
120.	Systems programming	Donovan, John J.	DON-S	2
121.	Tool design	Donaldson, Cyrill	DON-T	2
122.	Macro-economics	Dornbush, Rudiger.	DOR-M	5
123.	Modern control systems	Dorf, Richard C.	DOR-M	5
124.	Conceptual design of chemical processes	Douglas, James M.	DOU-C	7
125.	Manufacturing processes and materials for enggineering	Doyal, Lawrence. E.	DOY-M	2
126.	Theory and practice of water and wastewater treatment	Droste, Ronald L.	DRO-T	10
127.	Practical microbiology	Dubey, R.C.	DUB-P	2
128.	Textbook of biotechnology	Dubey, R.C.	DUB-T	2
129.	Textbook of microbiology	Dubey, R.C.	DUB-T	2
130.	Engineering mechanics	Dumir, P C	DUM-E	15
131.	Heat transfer principles and applications	Dutta, Binay K.	DUT-H	15
132.	Principles of mass transfer and separation processes	Dutta, Binay K.	DUT-P	5
133.	Invisible man	Ellison, Ralph	ELL-I	1
134.	Microeconomics	Eaton, B.Curtis.	EAT-M	3
135.	Analysis of heat and mass transfer	Eckert, E.R.G.	ECK-A	1
136.	Quantum physics of atoms, molecules, soilds, nuclei and particles	Eisberg, Robert	EIS-Q	4
137.	Writing with power	Elbow, Peter	ELB-W	1
138.	Municipal and rural sanitation	Elhers, V.M	ELH-M	1
139.	Stereochemistry of carbon compounds	Eliel, Ernest L.	ELI-S	6
140.	Macro economic analysis	Elliott, Jan Walter	ELL-M	1
141.	Fundamentals of database systems	Elmasri, Ramez	ELM-F	9

## TITLES IN BOOK BANK

142.	Nuclear power engineering	El-Wakil, M.M.	ELW-N	1
143.	Power plant technology	El-Wakil, M.M.	ELW-P	1
144.	Physical chemistry	Engel, Thomas	ENG-P	1
145.	Management control manual for the textile industry	Enrick, Norbert	ENR-M	1
146.	Digital systems and hardware: firmware algorithms	Ercegovac, Milos	ERC-D	2
147.	Mechanism design: analysis and synthesis	Erdman, Arthur G.	ERD-M	3
148.	Elements of water supply and waste-water disposal	Fair, Gordan Maskew	FAI-E	1
149.	Introduction to quantitative genetics	Falconer, D.S.	FAL-I	3
150.	Elementry principals of chemical processes	Felder, Richard M	FEL-E	15
151.	Internal combustion engines:applied thermosciences	Ferguson, Colin R.	FER-I	10
152.	Financial Mathematics: an introduction	Chandra, Suresh.	-FIN	21
153.	Organic chemistry	Finar, I. L	FIN-O	10
154.	Basic electrical engineering	Fitzgerald, A.E.	FIT-B	23
155.	Electric machinery	Fitzgerald, A.E.	FIT-E	50
156.	Flexible flat panel displays	Crawford, Gregory P.	-FLE	1
157.	Fundamentals of interactive computer graphics	Foley, James D.	FOL-F	9
158.	Corrosion engineering	Fontana, Mass G.	FON-C	1
159.	Principles of unit operations	Foust, Alan S.	FOU-P	4
160.	Optical communications: components and systems	Franz, J.H.	FRA-O	8
161.	Modern elementary statistics	Freund, John E.	FRE-M	3
162.	Introduction to numerical analysis	Froberg, Carl- Erit	FRO-I	3
163.	Game theory	Fudenberg, Drew	FUD-G	1
164.	Those days: novel	Gangopadhyay, Sunil	GAN-T	16
165.	Mechanics of sediment transportation and alluvial stream problems	Garde, R.J.	GAR-M	1
166.	Solar energy fundamentals and applications	Garg, H. P	GAR-S	4
167.	Traffic and highway engineering	Garber, Nicholas J	GAR-T	4
168.	All about machine tools: revised to Indian standards	Gerling, Heinrich	GER-A	1
169.	Contemporary optics	Ghatak, A.K.	GHA-C	17
170.	Introduction to modern optics	Ghatak, Ajoy K.	GHA-I	23
171.	Introduction to fiber optics	Ghatak, Ajoy & Thyagarajan, K.	GHA-I	9
172.	Optics	Ghatak, Ajoy	GHA-O	15
173.	Quantum mechanics: theory and applications	Ghatak, Ajoy	GHA-Q	17
174.	Theory of mechanisms and machines	Ghosh, Amitabha	GHO-T	5
175.	Developing bioinformatics computer skills	Gibas, C.	GIB-D	20
176.	Classical mechanics	Goldstein, Herbert	GOL-C	19
177.	Methods of real analysis	Goldberg, Richard R	GOL-M	4

## TITLES IN BOOK BANK

178.	Productivity growth in Indian industry	Goldar, B. N.	GOL-P	1
179.	Digital image processing	Gonzalea, Rafael C.	GON-D	9
180.	Operational amplifiers: design and applications	Graeme, Jerald G.	GRA-O	1
181.	Power system analysis	Grainger, John J	GRA-P	7
182.	Statistical quality control	Grant, Eugene L.	GRA-S	24
183.	Burn out case	Greene, Graham	GRE-B	1
184.	Chemistry of the elements	Greenwood, N.N.	GRE-C	6
185.	Classical mechanics	Gregory, R. Douglas	GRE-C	2
186.	Introduction to electro dynamics	Griffiths, David J.	GRI-I	56
187.	Introduction to quantum mechanics	Griffiths, David J. & Schroeter, Darrell F.	GRI-I	12
188.	Science of programming	Gries, David.	GRI-S	2
189.	Automation, production systems, and computer integrated manufacturing	Groover, Mikell P.	GRO-A	8
190.	CAD/CAM: computer-Aided design and manufacturing	Groover, Mikell P.	GRO-C	14
191.	Engineering properties of soils	Gulhati, Shashi K.	GUL-E	7
192.	Fundamentals of general properties of matter	Gulati, H.R.	GUL-F	1
193.	Geotechnical engineering	Gulhati, Shashi K.	GUL-G	37
194.	Basic organometallic chemistry concepts, syntheses and applications	Gupta, B. D.	GUP-B	9
195.	Textbook of engineering metrology	Gupta, I.C.	GUP-T	3
196.	Electromagnetic field theory fundamentals	Guru, Bhag Singh	GUR-E	5
197.	Introductory engineering statistics	Guttman, Irwin	GUT-I	5
198.	Introduction to computation and programming using Python	Guttag, John V	GUT-I	5
199.	Physics	Halliday, David	HAL-P	2
200.	Fundamentals of physics	Halliday, D.	HAL-F	2
201.	Theories of personality	Hall, Calvin S.	HAL-T	1
202.	Fundamentals of machine elements	Hamrock, B.J.	HAM-F	4
203.	Electric power utilization	Hancock, N.N.	HAN-E	1
204.	Foundation studies in general chemistry: a self study guide	Hanna, Melvin W.	HAN-F	2
205.	Kinematics synthesis of linkages	Hartenberg, Richards	HAR-K	3
206.	Process control	Harriott, P.	HAR-P	6
207.	Computer graphics	Hearn, Donald	HEA-C	4
208.	Structural mechanics of fibres yarns and fabrics	Hearls, J.W.S.	HEA-S	1
209.	Principles of metal casting	Heine, Richard W.	HEI-P	7
210.	Cultural anthropology	Herskovits, Melville J.	HER-C	1
211.	Topics in algebra	Herstein, I. N.	HER-T	36
212.	Internal combustion engine fundamentals	Heywood, John B.	HEY-I	3
213.	Structural analysis	Hibbeler, Russell C.	HIB-S	25
214.	Experiments in materials technology	Higgerson, C.A.	HIG-E	1

## TITLES IN BOOK BANK

215.	Introduction to operations research	Hillier, Frederick S.	HIL-I	1
216.	Basic principles and calculations in chemical Engineering	Himmelblau, David M.	HIM-B	24
217.	Linear algebra	Hoffman, K.	HOF-L	17
218.	Digital logic design	Holdsworth, B.	HOL-D	1
219.	Experimental methods for engineers	Holman, J.P.	HOL-E	14
220.	Heat transfer	Holman, J.P.	HOL-H	2
221.	Introduction to automata theory, languages and computation	Hopcroft, John E.	HOP-I	8
222.	Fundamentals of data structures	Horowitz, Ellis	HOR-F	11
223.	Computer algorithms	Horowitz, Ellis	HOR-F	4
224.	Fundamentals of programming languages	Horowitz, Ellis	HOR-F	5
225.	Fundamentals of computer algorithms	Horowitz, Ellis	HOR-F	6
226.	Radiative transfer	Hottel, Hoyt C.	HOT-R	1
227.	Chemical process principles	Hougen, Olaf A	HOU-C	43
228.	Solar-thermal energy systems:analysis and design	Howell, John R.	HOW-S	3
229.	Hughes electrical and electronic technology	Hughes, Edward	HUG-H	10
230.	Inorganic chemistry: principles of structure and reactivity	Huheey, James E.	HUH-I	58
231.	Essentials of discrete mathematics	Hunter, David J.	HUN-E	10
232.	Computer architecture and parallel processing	Hwang, Kai	HWA-C	13
233.	Engineering electromagnetics	Ida, Nathan	IDA-E	14
234.	Sewage treatment	Imhoff, Karl	IMH-S	1
235.	Development perspectives	Institute of Economic Growth	INS-D	2
236.	Introduction to micromachining	Jain, V.K.	-INT	10
237.	Introduction to chemical engineering thermodynamics: in SI units	Smith, J. M.	-INT	1
238.	Irrigation and water power engineering	Punmia, B.C.	-IRR	5
239.	Composite materials and structural analysis	Iyengar, N.G.R	IYE-C	5
240.	Hydraulic machines: including fluids	Jagdish, Lal	JAG-H	15
241.	Polyester blends bleaching dyeing and finishing	Jagannathan, R.	JAG-P	2
242.	Advanced engineering mathematics	Jain, R.K.	JAI-A	87
243.	Numerical analysis for scientists and engineers	Jain, M.K.	JAI-N	5
244.	Numerical methods for scientific and engineering computation	Jain, M.K.	JAI-N	9
245.	Numerical solution of differential equations	Jain, M.K	JAI-N	5
246.	Numerical methods (problems and solutions)	Jain, M.K	JAI-N	5
247.	Reinforced concrete limit state design	Jain, Ashok K.	JAI-R	2
248.	Natural convection heat and mass transfer	Jaluria, Yogesh.	JAL-N	2
249.	Modern physics for engineers	Jasprit Singh	JAS-M	34
250.	Semiconductor devices: basic principles	Jaspreet, Singh	JAS-S	2
251.	Advanced engineering mathematics	Jeffrey, Alan	JEF-A	25

## TITLES IN BOOK BANK

252.	Fundamentals of optics	Jenkins, F.A.	JEN-F	1
253.	Mathematical methods in chemical engineering	Jenson, V.G.	JEN-M	2
254.	Formwork for concrete structures	Jha, Kumar Neeraj	JHA-F	25
255.	Water and effluents in textile mills	Jhala, P.B.	JHA-W	2
256.	Economics of development and planning	Jhingan, M.	JHI-E	1
257.	Pilot plants, models and scale-up methods in chemical engineering	Johnstone, R.E.	JOH-P	1
258.	Electromagnetic waves and radiating systems	Jordon, Edward C.	JOR-E	1
259.	Manufacturing engineering and technology	Kalpakjian, Serope	KAL-M	78
260.	Mathematical programming techniques	Kambo, N.S.	KAM-M	7
261.	Design aids in soil mechanics & foundation engineering	Kaniraj, Shenbaga R.	KAN-D	3
262.	Financial evaluation of renewable energy technologies	Kandpal, T.C.	KAN-F	10
263.	Principles of electronic materials and devices	Kasap, S.O.	KAS-P	10
264.	Artificial intelligence	Kaushik, Saroj	KAU-A	15
265.	Logic and prolog programming	Kaushik, Saroj	KAU-L	10
266.	Soft computing fundamentals, techniques and applications	Kaushik, Saroj	KAU-S	4
267.	Solid mechanics	Kazami, S.M.A.	KAZ-S	22
268.	Introduction to jig and tool design	Kempster M.H. A	KEM-I	5
269.	Process heat transfer	Kern, Donald Q.	KER-P	25
270.	Course in abstract algebra	Khanna, Vijay K	KHA-C	5
271.	Dimensional metrology	Khare, M.K.	KHA-D	4
272.	Highway engineering	Khanna, S.K.	KHA-H	4
273.	Lens design fundamentals	Kingslake, Rudolf	KIN-L	1
274.	Algorithm design	Kleinberg, Jon	KLE-A	5
275.	Modern macroeconomics: major contributions to contemporary thought	Korliaras, Panayotis G.	KOR-M	2
276.	Power system engineering	Kothari, D.P.	KOT-P	10
277.	Modern microeconomics	Koutsoyiannis, A.	KOU-M	2
278.	Theory of econometrics	Koutsoyiannis, A.	KOU-T	3
279.	Analysis of electric machinery and drive systems	Krause, Paul C.	KRA-A	2
280.	Electromagnetics	Kraus, John D.	KRA-E	2
281.	Advanced engineering mathematics	Kreyszig Erwin	KRE-A	92
282.	Introductory theory of computer science	Krishnamurthy, E.V.	KRI-I	5
283.	Water supply engineering	Krirsagar, S.R.	KRI-W	5
284.	Data base processing: for microcomputer	Kroenke, David M.	KRO-D	1
285.	Engineering fluid mechanics SI units incorporating nationalised M.K.S. System	Kumar, K.	KUM-E	39
286.	Social change in India	Kvppuswamy, B.	KVP-S	2
287.	Soil testing for engineers	Lambe, T. William	LAM-S	1
288.	Soil mechanics	Lambe, T. William	LAM-S	3

## TITLES IN BOOK BANK

289.	Introduction to econometrics	Lange, Oskar	LAN-I	1
290.	Patterns of adjustment	Lazarus, Richard S.	LAZ-P	3
291.	Concise inorganic chemistry	Lee, J. D.	LEE-C	1
292.	Biochemistry: the molecular basis of cell structure and function	Lehninger, Albert	LEH-B	5
293.	Principles of biochemistry	Lehninger, Albert	LEH-P	2
294.	Chemical reaction engineering	Levenspiel, Octave	LEV-C	29
295.	Physical chemistry	Levine, Ira N.	LEV-P	4
296.	Regular and stochastic motion	Lichtenberg, A.J.	LIC-R	1
297.	Introduction to positive economics	Lipsey, Richard G	LIP-I	7
298.	Schaum's outline of theory and problems of linear algebra	Lipschutz, Seymour	LIP-S	5
299.	Theory and problems of finite mathematics	Lipschutz, Seymour.	LIP-T	13
300.	Welding and welding technology	Little, Richard	LIT-W	3
301.	Elements of discrete mathematics	Liu, C.	LIU-E	2
302.	Food engineering principles and selected applications	Loncin, Marcel	LON-F	2
303.	Organisational behavior	Luthans, Fred	LUT-O	18
304.	Fundamentals of engineering drawing with an introduction to interactive computer graphics for design and production	Luzadder, Warren J.	LUZ-F	44
305.	Mechanisms and dynamics of machinery	Mabie, Hamilton H.	MAB-M	3
306.	Electricity and magnetism	Mahajan, A.S	MAH-E	6
307.	University chemistry	Mahan, Bruce H.	MAH-U	1
308.	Digital principles and applications	Malvino, A.P.	MAL-D	13
309.	Digital computer electronics: an introduction to microcomputers	Malvino, Albert Paul	MAL-D	10
310.	Electronic instrumentation fundamentals	Malvino, Albert Paul	MAL-E	2
311.	Electronic principles	Malvino, Albert Paul	MAL-E	2
312.	Mathematical analysis	Malik, S. C.	MAL-M	5
313.	Reinforced concrete design	Mallick, S.R.	MAL-R	3
314.	Computer system architecture	Mano, M. Morris	MAN-C	18
315.	Digital design with an introduction to the verilog HDL, VHDL, and systemverilog	Mano, M. Morris	MAN-D	5
316.	Macroeconomics	Mankiw, N.Gregory	MAN-M	5
317.	Principles of highway engineering and traffic analysis	Mannering, Fred L.	MAN-P	4
318.	Tall chimneys: design and construction	Manohar, S.N.	MAN-T	3
319.	Advanced organic chemistry: reactions, mechanisms and structures	March, Jerry	MAR-A	18
320.	Computer database organization	Martin, James.	MAR-C	1
321.	Computer networks distributed processing software, techniques and architecture	Martin, James	MAR-C	1
322.	Fundamentals of physical chemistry	Maron, Samuel H.	MAR-F	1
323.	Numerical control of machine tools	Martin, S.J.	MAR-N	1
324.	Principles of physical chemistry	Maron, Samuel H.	MAR-P	1

## TITLES IN BOOK BANK

325.	Production and operations management: applied modern approach	Martinich, Joseph S	MAR-P	3
326.	Mechanics of fluids	Massey, B.S.	MAS-M	2
327.	Thyristor control	Mazda, F.F.	MAZ-T	1
328.	Numerical methods with fortran IV case studies	McCracken, Daniel D	MCC-N	1
329.	Unit operation of chemical engineering	McCabe, Warren	McC-U	45
330.	Physical chemistry: a molecular approach	McQuarrie, Donald A.	MCQ-P	10
331.	Fundamental of electricity and magnetism	Menderatta, R.G.	MEN-F	2
332.	Transmission lines with pulse excitation	Metzger, G.	MET-T	1
333.	Waste water engineering: treatment, disposal and refuse	Metcalf, Eddy	MET-W	7
334.	Introductory, probability and statistical applications	Meyer, Paul L.	MEY-I	27
335.	Microprocessor and its application	Aspinall	-MIC	2
336.	Applied mathematics in chemical engineering	Mickley, Harold S.	MIC-A	7
337.	Electronic devices and circuits	Millman, J.	MIL-E	5
338.	Integrated electronics: analog and digital circuits and systems	Millman, Jacob	MIL-I	4
339.	Pulse, digital and switching waveforms	Millman, Jacob	MIL-P	2
340.	Project management with CPM and PERT	Moder, Joseph J.	MOD-P	2
341.	Man made fibres	Moncrieff, R. W	MON-M	1
342.	Physical Chemistry	Moore, W.J.	MOO-P	2
343.	Introduction to psychology	Morgan, Clifford T.	MOR-I	12
344.	Organic chemistry	Morrison, Robert Thornton	MOR-O	48
345.	Physical properties of textile fibres	Morton, W.E.	MOR-P	1
346.	Stereochemistry	Morris, David G.	MOR-S	4
347.	Bioinformatics: sequence and genome analysis	Mount, David W.	MOU-B	10
348.	Value engineering: a systematic approach	Mudge, Arthur E.	MUD-V	2
349.	Experimental process biotechnology protocols	Mukhopadhyay, S. N.	MUK-E	2
350.	Pericyclic reactions	Mukherji, S. M.	MUK-P	2
351.	Device electronics for integrated circuits	Muller, Richard S.	MUL-D	5
352.	Red book of varieties and schemes: introduction to algebraic geometry	Mumford, David	MUM-R	3
353.	General topology	Mur德eshwar, Managesh G.	MUR-G	5
354.	Thyristor control of A.C. motors	Murphy, J.M.D.	MUR-T	1
355.	Engineering thermodynamics	Nag, P.K.	NAG-E	20
356.	Electric machines	Nagrath, I.J.	NAG-E	9
357.	Modern power system analysis	Nagrath, I.J.	NAG-M	7
358.	Power system engineering	Nagrath, I.J.	NAG-P	7
359.	Instrumentation, measurement and analysis	Nakra, B.C.	NAK-I	33
360.	Guide	Narayan, R.K.	NAR-G	7

## TITLES IN BOOK BANK

361.	Semiconductor physics & devices: basic principles	Neamen, Donald A.	NEA-S	7
362.	Data structures and algorithms using Python	Necaise, Rance D.	NEC-D	4
363.	Lehnninger principles of biochemistry	Nelson, David L.	NEL-L	13
364.	Petroleum refinery engineering	Nelson, W.	NEL-P	11
365.	Principles of interactive computer graphics	Newman, William M.	NEW-P	2
366.	Open-end spinning	Nield, R.	NIE-O	1
367.	Computer-aided analysis of mechanical systems	Nikravesh, Parviz E	NIK-C	10
368.	Principles of artificial intelligence	Nilsson, Nils J.	NIL-P	4
369.	Machine design: integrated approach	Norton, Robert L.	NOR-M	17
370.	Principles of polymerization	Odian, George	ODI-P	11
371.	Highways	O'Flaherty, C.A.	O'FL-H	1
372.	Modern control engineering	Ogata, Katsuhiko	OGA-M	41
373.	Materials science of thin films	Ohring, Milton.	OHR-M	6
374.	Electronic measurement and instrumentation	Oliver, Bernard M.	OLI-E	2
375.	Digital signal processing	Oppenheim, Alan V	OPP-D	2
376.	Signals and systems	Oppenheim, Alan V.	OPP-S	50
377.	Course in game theory	Osborne, Martin J.	OSB-C	2
378.	Introduction to game theory	Osborne, Martin J.	OSB-I	1
379.	Manufacturing processes and systems	Ostwald, Phillip F	OST-M	13
380.	Macroeconomic theory	Ott, David J.	OTT-M	3
381.	Heat transfer: a basic approach	Ozisik, M.Necati	OZI-H	2
382.	Digital systems and micro processors	Padmanabhan, T.R.	PAD-D	1
383.	Elements of machine design	Pandya, N.C.	PAN-E	2
384.	Transportation engineering: planning and design	Paquette, Radnor J.	PAQ-T	3
385.	Welding processes & technology	Parmar, R. S.	PAR-W	4
386.	Computer organization and design the hardware software interface	Patterson, David A.	PAT-C	10
387.	Introduction to quantum mechanics	Pauling, L.	PAU-I	3
388.	Microbiology	Pelczar, Michael J	PEL-M	4
389.	Operating systems concept	Peterson, J.	PET-O	3
390.	Plant design and economics for chemical engineers	Peters, Max S.	PET-P	1
391.	Textile chemistry	Peters, R.H.	PET-T	2
392.	Information systems through COBOL	Philippakis, Andreas S.	PHI-I	1
393.	Organic chemistry	Pine, S.H.	PIN-O	2
394.	Principles of microbe and cell cultivation	Pirt, S. John	PIR-P	2
395.	Differential and integral calculus	Piskunov, N.	PIS-D	42
396.	Theory and problems of computer graphics	Plastock, Roy A.	PLA-T	3
397.	Foundations of complex analysis	Ponnusamy, S	PON-F	4
398.	Introduction to mechanics of solids	Popov, Egor P.	POP-I	11
399.	Unended question: an intellectual autobiography	Popper, Karl	POP-U	1

## TITLES IN BOOK BANK

400.	Microwave engineering	Pozar, David. M	POZ-M	10
401.	Fluid mechanics	Pritchard, Philip J.	PRI-F	12
402.	Production technology	Nag, P. K.	-PRO	1
403.	Introduction to digital signal processing	Proakis, John G.	PRO-I	2
404.	Surveying	Punmia, B.C.	PUN-S	22
405.	Reinforced concrete structural elements: behaviour, analysis and design	Purushothaman, P.	PUR-R	2
406.	Materials science and engineering: a first course	Raghavan, V.	RAG-M	63
407.	Computer programming in PASCAL	Rajaraman, V.	RAJ-C	5
408.	Flow through open channels	Raju, K.G. Ranga	RAJ-F	4
409.	Introduction to material science and engineering	Ralls, Kenneth M.	RAL-I	5
410.	Computer-aided design of electrical equipment	Ramamoorthy, M.	RAM-C	3
411.	Design of steel structures	Ram, K. S. Sai	RAM-D	5
412.	Fields and waves in communication electronics	Ramo, S.	RAM-F	1
413.	Introduction to thyristors and their applications	Ramamoorthy, M.	RAM-I	1
414.	Power electronics: thyristor controlled power for electric motors	Ramshaw, Reynold	RAM-P	5
415.	Telecommunications: principles circuits and systems	Ramabhadran, S.	RAM-T	1
416.	Ultimate strength design for structural concrete	Ramakrishnan, V.	RAM-U	1
417.	Airport engineering	Rao, G.Venkatappa	RAO-A	5
418.	Basic electromagnetics with application	Rao, N.N.	RAO-B	4
419.	Computer aided manufacturing	Rao, P.N.	RAO-C	5
420.	Finite element method in engineering	Rao, S.S.	RAO-F	3
421.	Introductory course on theory and practice of mechanical vibrations	Rao, J.S.	RAO-I	1
422.	Manufacturing technology: foundry, forming and welding	Rao, P.N.	RAO-M	20
423.	Mechanism and machine theory	Rao, J.S.	RAO-M	2
424.	Rotor dynamics	Rao, J.S.	RAO-R	5
425.	Turbomachine blade vibration	Rao, J.S.	RAO-T	5
426.	Fundamentals of statistical and thermal physics	Reif, F.	REI-F	5
427.	Microwave principles	Reich	REI-M	1
428.	Physics	Resnick, Robert	RES-P	1
429.	Environmental systems engineering	Rich, Linvil G.	RIC-E	2
430.	Introduction to modern physics	Richtmyer, P.K.	RIC-I	4
431.	Principles and problems of elementary algebra	Rich, Barnett	RIC-P	1
432.	Production systems: planning, analysis and control	Riggs, J.L.	RIG-P	3

## TITLES IN BOOK BANK

433.	Mathematical methods for physics and engineering: a comprehensive guide	Riley, K.F.	RIL-M	9
434.	Organic chemistry: methane to maromolecules	Roberts, J.D.	ROB-O	2
435.	Principles of polymer systems	Rodriquez, Ferdinand	ROD-P	4
436.	Engineering thermodynamics work and heat transfer	Rogers, G.F.C.	ROG-E	4
437.	Mathematical elements for computer graphics	Rogers, David F.	ROG-M	18
438.	Procedural elements for computer graphics	Rogers, David F.	ROG-P	4
439.	Introduction to probability theory and mathematical statistics	Rohtagi, V.K.	ROH-I	6
440.	Essential Immunology	Roitt, Ivan M.	ROI-E	2
441.	Metallurgy for engineers	Rollason, E.C.	ROL-M	1
442.	Introduction to probability models	Ross, Sheldon M	ROS-I	6
443.	Science and society	Rose, Hillary	ROS-S	3
444.	Elements of metal working thoery	Row, Geoffrey W.	ROW-E	2
445.	Physics of semiconductor devices	Roy, Dilip K	ROY-P	1
446.	Tunnelling and negative resistance phenomena in semiconductors	Roy, D.K.	ROY-T	1
447.	Functional analysis	Rudin, W.	RUD-F	3
448.	Artificial intelligence: a modern approach	Russell, Stuart	RUS-A	18
449.	Haroun and the sea of stories	Rushdie, Salman	RUS-H	10
450.	Midnight's children	Rushdie, Salman	RUS-M	10
451.	Physics of the atom	Russell, Wehr M.	RUS-P	1
452.	Computer aided graphics and design	Ryan, Daniel	RYA-C	5
453.	Elements of electromagnetics	Sadiku, Matthew N. O.	SAD-E	5
454.	Principles of electromagnetics	Sadiku, Matthew N. O.	SAD-P	2
455.	Pricing policies and price control in developing countries: case of India	Saksena, K.D.	SAK-P	5
456.	Microeconomic theory: theory and problems	Salvaore, Dominick	SAL-M	3
457.	Theory and problems of principles of economics	Salvatore, D.	SAL-P	1
458.	Theory and problems of microeconomic	Salvaore, Dominick	SAL-T	2
459.	Economics	Samuelson, Paul A.	SAM-E	25
460.	Advanced mechanism design: analysis and synthesis	Sandor, George N.	SAN-A	2
461.	Probability: an introduction	Santos, David A.	SAN-P	9
462.	Organizational psychology	Schein, Edgar H.	SCH-O	1
463.	Thermal energy storage and regeneration	Schmidt, Frank W.	SCH-T	1
464.	Theory and Problem of computers and programming	Scheid, Francis	SCH- T	2
465.	Theory and problems of numerical analysis	Scheid, Francis	SCH-T	1
466.	Introduction to thermodynamics the kinetic theory of gases and statistical mechanics	Sears, F.W.	SEA-I	4
467.	Structural analysis force method	Seetharamulu, K.	SEE-S	3
468.	Yarn preparation	Sengupta, R.S.	SEN-Y	1

## TITLES IN BOOK BANK

469.	Elements of fluid mechanics	Seshadri, C.V.	SES-E	10
470.	Introduction to polymer chemistry	Seymour, Raymond B.	SEY-I	4
471.	Algebra I: a basic course in abstract algebra	Sharma, Rajendra Kumar	SHA-A	25
472.	Dynamics and thermodynamics of compressible fluid flow	Shapiro, Ascher H.	SHA-D	2
473.	Engineering mechanics: statics and dynamics	Shames, Irving H.	SHA-E	63
474.	Macroeconomic analysis	Shapiro, Edward.	SHA-M	3
475.	Theory and problems of linear algebra	Sharma, R. D.	SHA-T	10
476.	Chemistry of dyes and principles of dyeing	Shenai, V.A.	SHE-C	19
477.	Mechanical engineering design	Shigley, J.E.	SHI-M	11
478.	Theory of machines	Shigley, J.E.	SHI-T	1
479.	Thermal radiation heat transfer	Seigel, Robert	SIE-T	2
480.	Operating system concepts	Silberschatz, Abraham	SIL-O	2
481.	Physical chemistry	Silbey, Robert J.	SIL-P	5
482.	Fundamentals of reinforced concrete	Sinha, R.C.	SIN-F	6
483.	Reinforced concrete design	Sinha, S. N.	SIN-R	22
484.	Fundamentals of analytical chemistry	Skoog, Douglas A.	SKO-F	3
485.	Principal of instrumental analysis	Skoog, Doglas A.	SKO-P	3
486.	Guide book to mechanism in organic chemistry	Sykes, Peter	SKY-G	1
487.	Sociology of economic life	Smelser, N.J.	SME-S	6
488.	Chemical engineering kinetics	Smith, J.M.	SMI-C	17
489.	Circuits, devices and systems	Smith, Ralph J	SMI-C	78
490.	Design of equilibrium stage processes	Smith, B.D.	SMI-D	3
491.	Introduction to chemical engineering thermodynamics	Smith, J.M.	SMI-I	34
492.	Elements of partial differential equations	Snedden, I.N.	SNE-E	1
493.	Mathematics of physics and modern engineering	Sokolnikoff, I.S	SOK-M	1
494.	Macroeconomics	Solomon, Lewis C.	SOL-M	9
495.	Trade union leadership in India: a case study	Sood, Santosh.	SOO-T	1
496.	Theory and problems of complex variables	Spiegel, M.R.	SPI-T	5
497.	Advanced mechanics of solids	Srinath, L. S.	SRI-A	4
498.	Engineering mathematics	Srivastava, R.S.	SRI-E	3
499.	Recent processes of textile bleaching dyeing and finishing	Srivastava, S.B.	SRI-R	2
500.	Social change in modern india	Srinivas M., N.	SRI-S	1
501.	Statistical physics and chaos in fusion plasmas	Horton, C.W. & Reichl, L.E	-STA	1
502.	Computer methods in power system analysis	Stagg, Glenn W.	STA-C	1
503.	Electricity and magnetism for degree students	Starling, S.G.	STA-E	1
504.	Principles of fermentation technology	Stanbury, P.	STA-P	3
505.	Elements of power system analysis	Stevenson, William D.	STE-E	17
506.	Grapes of wrath	Steinbeck, J.	STE-G	2

## TITLES IN BOOK BANK

507.	Water supply and sewerage	Steel, Ernest W.	STE-W	9
508.	Linear algebra and its applications	Strang, Gilbert	STR-L	10
509.	Solid state electronic devices	Streetman, Ben G.	STR-S	10
510.	Wave generation end shaping	Strause, Leonard	STR-W	1
511.	Design of reinforced concrete structures	Subramanian, N.	SUB-D	4
512.	Design of steel structures limit states method	Subramanian, N.	SUB-D	5
513.	Engineering hydrology	Subramanya, K.	SUB-E	20
514.	Steel structures design and practice	Subramanian, N.	SUB-S	15
515.	Guide book to mechanism in organic chemistry	Sykes, Peter	SYK-G	3
516.	Physics of semiconductor devices	Sze, S.M.	SZE-P	1
517.	Cotton spinning	Tagart, Scott William	TAG-C	1
518.	Meteorology and measureing instruments	Taher, M.R.	TAH-M	3
519.	Operations research	Taha, H.A.	TAH-O	16
520.	Computer networks	Tanenbaum, Andrew S.	TAN-C	5
521.	Public international law	Tandon, Mahesh Prasad	TAN-P	1
522.	Digital integrated electronics	Taub, Herbert	TAU-D	3
523.	Calculus and analytic geometry	Thomas, George B.	THO-C	46
524.	Theory of vibration with application	Thomson, Willium T.	THO-T	5
525.	Lasers: theory and applications	Thyagarajan, K.	THY-L	3
526.	Elements of strength of materials (adapted to M.K.S. Units)	Timoshenko, S.	TIM-E	7
527.	Applied solar thermal energy devices	Tiwari, G.N.	TIW-A	1
528.	Solar thermal engineering systems	Tiwari, G.N.	TIW-S	17
529.	Polymer science and materials	Tobolsky, Arthur V. & Mark, H.F.	TOB-P	1
530.	Electrical engineering fundamentals	Toro, Del Vincent	TOR-E	1
531.	Introduction to turbo prolog	Townsent, Carl.	TOW-I	2
532.	Mass transfer operations	Treybal, Robert E.	TRE-M	43
533.	Introduction to computational biochemistry	Tsai, Stan	TSA-I	1
534.	Renewable energy resources	Twidell, John W.	TWI-R	9
535.	Family: design, programming and interfacing	Uffenbeck, John	UFF-E	5
536.	Principles of database systems	Ullman, Jeffrey D.	ULL-P	5
537.	Classical electromagnetic theory	Vanderlinde, Jack	VAN-C	2
538.	Detection, estimation and modulation theory	Van Trees, Harry	VAN-D	1
539.	Fundamentals of classical thermodynamics	Van Wylen, Gordon J.	VAN-F	20
540.	Introduction to modern network synthesis	Van Valkenburg, M.E.	VAN-I	2
541.	Network analysis	Van Valkenberg, M.E.	VAN-N	1
542.	Thermodynamics	Van Wylen, Gordon J	VAN-T	2
543.	Construction equipment and its planning and application	Varma, Mahesh	VAR-C	4
544.	Intermediate microeconomics: modern approach	Varian, Hal R.	VAR-I	20

## TITLES IN BOOK BANK

545.	Theory and design of irrigation structures	Varshney, R.S.	VAR-T	14
546.	Steel structures and timber structures	Vazirani, V.N.	VAZ-S	1
547.	Vector mechanics for engineers: statics and dynamics	Beer, Ferdinand P.	-VEC	40
548.	Quantum physics	Verma, H.C.	VER-Q	29
549.	Essentials of bridge engineering	Victor, D. Johnson	VIC-E	1
550.	Bioenergy spectrum	Vimal, O.P.	VIM-B	3
551.	Telecommunication switching systems and networks	Viswanathan, Thiagarajan	VIS-T	10
552.	Text book of practical organic chemistry	Vogle, I	VOG-T	1
553.	Textbook of quantitative inorganic analysis	Vogle, I	VOG-T	2
554.	Textbook of macro and semimicro qualitative inorganic analysis	Vogel, A.I.	VOG-T	1
555.	Intermediate structural analysis	Wang, C.K.	WAN-I	7
556.	Reinforced concrete design	Wang, Chu-Kai	WAN-R	2
557.	Textile design and colour: elementary weaves and figured fabrics	Watson	WAT-T	1
558.	Essential mathematical methods for physicists	Weber, Hans J.	WEB-E	1
559.	Physics of the atom	Wehr, M. Russell	WEH-P	23
560.	Thomas' calculus	Weir, Maurice D.	WEI-T	3
561.	Fluid Mechanics	White, Frank M.	WHI-F	15
562.	Engineering Hydrology	Wilson, E.M.	WIL-E	3
563.	Graphs: an introductory approach	Wilson, Robin	WIL-G	1
564.	Instrumental methods of analysis	Willard, Hobart H.	WIL-I	6
565.	Wind energy utilization: appraisal of projects in India and Germany	Bansal, Narendra & Mathur, Jyotirmay	-WIN	4
566.	Introduction to Engineering Design	Woodson, Thomas T.	WOO-I	3
567.	Fundamentals of tool design	Wilson, Frank W	WIL-F	1
568.	Fundamentals of classical thermodynamics	Wylen, Gordon J. Van	WYL-F	1
569.	Mathematical methods for physics	Wyld, H.W.	WYL-M	2
570.	Fundamentals of Compressible flow	Yahya, S.M.	YAH-F	1
571.	Turbines, compressors and fans	Yahya, S.M.	YAH-T	5
572.	Modernization of Indian tradition : systemic study of social change	Singh, Yogendra	SIN-M	1
573.	Heat and thermodynamics: An intermediate textbook	Zemansky, Mark W.	ZEM-H	23
574.	Advanced engineering mathematics	Zill, Dennis G.	ZIL-A	25
575.	Complex analysis	Zill, Dennis G.	ZIL-C	10
576.	First course in complex analysis with applications	Zill, Dennis G.	ZIL-F	10
577.	Fundamentals of Gas Dynamics	Zucker, Robert D.	ZUC-F	1
578.	Gas Dynamics	Zucrow, Maurice J.	ZUC-G	2
			<b>Total</b>	<b>4702</b>