Department of Applied Science

S.No.	TITLE OF THE BOOKS	AUTHORS	NO. OF BOOKS
1	Advanced engineering mathematics	Kreyszig, Ervin	6
2	Introductory methods of numerical analysis	Sastry, S S	7
3	Advanced engineering mathematics	Jain, R K & Iyengar, S R K	9
4	Advanced engineering mathematics	Zill, Dennis S & Cullen, Michael R	8
5	Discrete mathematics and its applications	Rosen, Kenneth H	8
6	Discrete mathematics	Lipschutz, Seymour & Lipson, Marc	8
7	Advanced engineering mathematics	O'Neil, Peter V	4
8	Advanced engineering mathematics	Whylie, Ray C & Barrett,Louis S	4
9	Theory and problems of matrices	Ayres, Frank	9
10	Engineering mathematics	Stroud, K A	9
11	Discrete mathematical structures	Kolman, Bernard & Busby, R C & Ross, Sharon, Culter	5
12	Theory and problems of numerical analysis	Scheid, Francis	4
13	Theory and problems of vector analysis Schaum's outline series	Spigel, Merry R.	4
14	Probability and statistics for engineers	Johnson, Richard A.	5
15	Numerical methods for scientific and engineering computation	Jain, M K & Iyengar, S R K & Jain, R K	3
16	Differential equations	Gupta, R K & & Sharma, J N	4
17	Advanced engineering mathematics	Zill, Dennis G & Cullen, Michael R	8
18	Differential equations with applications and historical notes	Simmons, George F	2
19	Integral calculas	Narayan, Shanti	6
20	Discrete mathematical structures with application to computer science	Tremblay, J D & Manohar, R	4
21	Numerical methods	Balagurusamy, E	6
22	An introduction to the finite element method	Reddy, J N	4
23	Basic statistics	Agarwal, B L	5
24	Advanced engineering mathematics	Dass, H K	4
25	Numerical methods for scientific and engineering computation	Jain, M K & Iyengar, S R K & Jain, R K	4
26	Differential equations	Gupta, R K & & Sharma, J N	4
27	Advanced engineering mathematics	Zill, Dennis G & Cullen, Michael R	2
28	Differential equations with applications and historical notes	Simmons, George F	4
29	Integral calculas	Narayan, Shanti	4
30	Discrete mathematical structures with application to computer science	Tremblay, J D & Manohar, R	7
31	Numerical methods	Balagurusamy, E	4
32	Metrix and linear algebra	Datta, K B	4

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33	Engineering mathematics	Sastry, S S	9
34	Linear algebra	Hoffman, Kenneth & Kunze, Ray	5
35	Advanced calculus	Widder, David V	3
36	A textbook of engineering mathematics semester-II	Bali, N P & Goyal, Manish	4
37	Numerical solution of differential equation	Jain, M K	5
38	Applied mathematics for polytechnics	Dass, H.K.	4
39	A textbook of engineering mathematics	Arya, J.C. & Mehta, O.P.	7
40	Theory and problems of vector analysis Schaum's outline series	Spigel, Merry R.	4
41	Numerical analysis and algorithms	Niyogi, Pradip	4
42	Modern probability theory: an introductry textbook	Bhat, B.R.	6
43	Elementary differential equations	Boycee, William E & Diprima, Richard E.	3
44	A treatise on differential equations	Forgyth, A. R.	4
45	Abstract algebra	Chaterjee, Dipak	5
46	Numerical methods for mathematics science and engineering	Mathews, John H.	5
47	Probability and statistics for engineers	Johnson, Richard A.	5
48	Theory and problems of probability and statistics	Spiegel, Murray R & Schiller, John J & Srinivasan, R N A Alu	9
49	Theory of matrics	Vatssa, lB S	3
50	Mathematics for engineering	Dass, H K	7
51	Applied mathematics	Bindra, J S & Gill, K S	8
52	Mathematicals methods for physics & engineering	Riley, K F & Hobson, M P & B S J	8
53	PV's fundamental mathematics	Sondhi, R K	7
54	Higher engineering mathematics	Grewal, B S	9
55	A textbook of engineering mathematics	Khurmi, R S	9
56	Statistical methods: An introductory	Medhi, J	9
57	Numerical methods in engineering & science	Grewal, B S	4
58	Complex variable: Theory and applications	Kasana, H S	9
59	Numerical methods in engineering	Auti, A.B.	5
60	First Course in Logic	Hedman, Shawn	4
61	A text book of engineering mathematics	Bali, N. P. & Goyal, Manish	6
62	Partial Differential Equations	Vashistha, A.R. & Vashistha, Vipin	3
63	Functions of Variable Complex	Sharma J N	4
64	Calculus of finite: differential and numerical analysis	Gupta, P.K. & Malik, G.S. & Gupta, Sanjay	5
65	A text book of Applied Mathematics	Bindra, J. S. & Gill, A.S.	6
66	Numerical Methods for Engineers & Scientists	Sharma, J.N	2
67	Engineering Mathematics	Gupta, A. K. & Ailawalia, Praveen	7
68	Numerical Methods in engineering	Gupta, A. K. & Ailawalia, Praveen	3
69	Operations research: Theory, methods and applications	Sharma, S D & Sharma, Himanshu D	4
70	Measure theory and integration	Barra, G de	3
71	Advanced engineering mathematics	Greenberg, Michael D	4

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73	Statistical Quality Control	Grant, Euginesh & Learenwen, Richard S.	5
74	Theory and problems of numerical analysis	Scheid, Francis	5
75	Principles of operations research with applications to managerial decisions	Wagner, Harvey M	4
76	Operations Research: An Introduction	Taha, Hamdy A.	5
77	Introduction to Operations Research	Hiller, Frednick S. & Liabermen, Gerald J.	4
78	Operations Research	Gupta, Prem Kumar	15
79	A Textbook of Matrix algebra	Biswas, Suddhendhu	8
80	Theory & Problems of Differential equations in S.I. Matric Unit	Agres, Frank & Ault, J.C.	9
81	A Textbook of Engineering Mathematics	Bali, N.P. & Iyengar, N.Ch.S.	4
82	Comprehensive Calculus- Part-I	N.P	8
83	Operations Research: Quantitative analysis for management	Chawla, K.K. & Gupta, Vijay & Sharma, B.K.	8
84	A Textbook of Engineering Mathematics	Mathur, A.B. & Jaggi, V.P.	8
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86	Elements of discrete Mathematics	Liu, C.L.	8
87	Operations Research: Principles & Practice	Ravindran, A. & Phillips, Bon & Solberg, James J.	6
88	Operations Research	Panneerserelvam, R.	7
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92	Elementary Numerical Analysis: An Algorithmic Approach	Conte, Samuel D & Brar, Carlde	5
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103	A text book of engineering mathematics	Bali, N. P. & Goyal, Manish	5
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111	Reliability Engineering	Aggarwal, K.K.	3
112	Introduction to Operations Research	Gillett, Billye	4
113	Higher Engineering Mathematics	N P Bali & Usha Paul	6
114	Foundations of Discrete Mathematics	Joshi, K. D.	5
115	Operations Research	Swarup, Kanti & Gupta, P.K. & Mohan, Man	15
116	Operations Research	Natrajan, A.M. & Balasubramani, P. & Temibrasi, A.	4
117	Introduction to finite elements in engineering	Chandrupatla, Tirupati R. & Belegundu, A.D.	8
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207	Chemistry of the environment	Spiro, Thomas G & Stiglani, William M.	9
208	Applied chemistry for engineers	Gopalan, R. & Ramachandran, Chitra	7
209	Physical Chemistry	Barrow, Gordon M.	8
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218	Fundamentals of photochemistry	Rohtagi-Mukherjee, K. K.	4
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223	Theory and practicals of engineering chemistry	Chawla, Shashi	14
224	Engineering Chemistry	Sud, Dhiraj	12
225	Engineering Chemistry	Chawla, Dhiraj	10
226	Laboratory manual on engineering chemistry	Bhaskin, S K & Sudha, Rani	12
227	General chemistry with quantitative analysis	Written, K W & Davis, R E & Peck M L	10
228	Application of absorption spectroscopy of organic compounds	Dyer, John R	9
229	Practical organic chemistry	Mann, Frederic George & Saundes, Barnard Charles	7
230	Organic spectroscopy : Principles and application	Jagmohan	8
231	Chemistry of the environment	Bailey, R A.	9
232	Calculus and analytic chemistry	Thomas, G B & Finney, R L & Weir, M D	12
233	Principles of modern chemistry	Oxtoby, D W & Gillis, H P & Nachtrieb, N H.	11
234	Chemistry for environmental engineering and science	Sawyer, Clair N& Mc Carly Perry L & Pakin, Gene P	5
235	Essentials of Environmental Studies	Joseph, Kurian & Narendra, R.	2
236	Operations Research: Principles & Practice	Ravindran, A. & Phillips, Bon & Solberg, James J.	6
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242	Functions of Variable Complex	Sharma J N	8
243	A text book of engineering mathematics	Bali, N. P. & Paul, Usha	8
244	A text book of Applied Mathematics	Bindra, J. S. & Gill, A.S.	5
245	Engineering Mathematics	Gupta, A. K. & Ailawalia, Praveen	10
246	Numerical Methods in engineering	Gupta, A. K. & Ailawalia, Praveen	9
247	Introduction to Operations Research	Gillett, Billye	10
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249	Combinatorial Optimization : Algorithms and Complexity	Papadimitriou , Christon H. & Steiglitz, Kenneth	7
250	Operations Research	Sivarethinamohan, R.	9
251	Principles of environmental engineering	Anandan, A & Kumaravelan, R	8
252	Environmental studies	Dhameja, suresh K	10
253	An introduction to environmental science	Deswal, Surinder & Deswal, Anupama	18
254	Environment science and engineering	Dhameja, Suresh K	15
255	Introduction to environmental studies	Bhasin, S K & Varinder Kaur	49

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257	Environment chemistry		5
258	Environment studies	De,A K & De, Arnab Kumar	19
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261	Concepts of modern physics	Beiser, Arthur	7
262	Introduction to modern physics	Richtmyer, F K & Kennard, E.H. & Cooper, John. N.	8
263	Concepts of modern physics	Gupta, S L & Gupta, S.	9
264	Stereochemistry confirmation and mechanism	Kalsi, P S	10
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266	Project planning & control with PDEI & CPM	Pumia,BC & KK Khandel	10
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284	Advanced engineering mathematics	Kreyszig, Ervin	8
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288	Advanced engineering mathematics	Whylie, Ray C & Barrett,Louis S	6
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