



INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG
(An autonomous institute of Govt. of Odisha)
Sarang, Dhenkanal, Odisha– 759146

TENDER DOCUMENT

of
Library

INDIRA GANDHI INSTITUTE OF TECHNOLOGY

(An Autonomous Institute of Govt.of Odisha)

AT/PO-IGIT, SARANG, Dist-DHENKANAL-759146,ODISHA

TENDER FOR SUPPLY OF TEXT & REFERENCE BOOKS TO CENTRAL LIBRARY,IGIT,SARAN

TERMS & CONDITIONS

1. Reputed Book Publishers / Suppliers having experience in supplying technical books (Both Indian & import) Can participate in this tender process. The approx. cost of supply of books is Rs.80L
2. Tender document costing Rs.1000/-(non refundable) can be downloaded from IGIT website www.igitsarang.ac.in from **15/10/2018**
3. The tenderer should submit their tenders in a sealed cover, addressed to "The Principal,IGIT,Sarang,Dhenkanal-759146, Odisha"through speed post/Registered post(hand delivery is not allowed) and the corresponding postal address of the tenderers should also be mentioned on the cover of the sealed tender. Each tenderer must enclose the copy of demand Draft of Rs.1000/- when the tender form would be downloaded from the website as the case may be. The DD is to drawn in favour of "The Principal,IGIT,Sarang)". The sealed tender will be received by the undersigned on or before **26/11/2018 up to 4.00 PM** and Technical bid will be opened on **27/11/2018 at 11.00 AM & the financial bid will be opened on 07/12/2018 at 11.00AM** in presence of the tenderers or their authorized representatives who should be present at the place as per scheduled date and time. If the tenderers or their authorized representatives fail to turn-up at the time of opening of the tenders, it will not be bar for the authority to open the tender. Tender received beyond the scheduled date and time will not be taken into consideration and will be rejected. Any deviation in the scheduled date of opening of the tender will be intimated to the tenderers through their postal address given by them on the cover of the sealed tender.
4. The tenderers should furnish the Xerox copy of PAN Card along with their tenders.
5. Publisher's Authorization Certificate
 - a. Over all Percentage of discounts should be quoted very clearly.
6. Delivery of books to Central library, IGIT,SARANG-759146 ,ODISHA
7. The tenderers should mention the period/time required for supply of books from the date of purchase order, if not supplied within the stipulated period will be treated s cancelled in case of extension of supply duration , will be decided by the authority /authorized committee.
8. Tender is valid up to one year from the date of approval.
10. Payment of the cost of books will be made only after full receipt of books as per order, verification

Of price and edition of the books received with the publisher's prevailing price and edition.

11. The communications and documents are to be clearly written in English and the rates mentioned by the bidder should be clearly legible. On the top of the sealed cover it should be superscribed as

"TENDER FOR SUPPLY OF BOOKS" To IGIT,SARANG UNDER TEQIP-III HEAD.

12. The payment of the cost of foreign edited / published books will be made on the basis of exchange rate as Per GOC. The certificate in support of exchange rate must be enclosed with each bill.

14. The selected supplier will sign an agreement in non-judicial stamp paper with the **Principal,IGIT,SARANG** acceptance of terms & conditions.

15. The tenderer selected for supply of books must supply all required / order placed books (Available in India), otherwise the supplier will be blacklisted.

16. The authority / committee reserves the right to accept in full or part or reject any or all the tenders without assigning any reasons thereof. The authority/ committee is not bound to accept the lowest rates of tenders. The technical aspects will be taken in to consideration.

17. Books supplied should be in original print and of latest edition. If there is anticipation of release of new edition within the current year, the supplier should intimate the authority regarding this instead of supplying the available edition & will undertake to supply as soon as the same will be made available on or before **31.03.2019**.

18. The tenderer shall furnish the following documents along with the tender which are to be reflected in the forwarding letter.

A. Photocopy of the Demand Draft towards the cost of the tender paper.

B. Photocopy of the PAN Card.

C. Photocopy of the GST Registration Certificate.

D. Declaration of over all discount on books and undertaking for total supply in time.

E. Photocopy of previous purchase orders from Govt. Engineering Colleges of Odisha if any

F. The bidder should submit EMD amounting to Rs.80,000/- in shape of D.D. payable at Principal,IGIT,SARANG.

G. Authorisation Certificate from Publishers Both (Indian / Import)

H. Income Tax return for last 3 years with PAN No.

- I. The company should have a minimum turnover 10 Crores. Balance sheet must be submitted as proof for last 3 years.
- J. Company to be in existence for at least 10 years. Registration Certificate must be submitted as proof.
- K. A Member of Good Office's Committee for at least 10 years (proof to be enclosed).
- L. The company should have executed at least 3 orders worth Rs. 50 Lakhs Each or more in the last year. Order copies should be attached as proof.
- M. The company's executive should visit to reconcile supply status at least once in a month.
19. The EMD of successful bidder will be refunded after successfully supply of Books.
20. The lists of books are enclosed herewith in separate pages.
21. The supplier of books will have to certify on the face of bill regarding supply of latest edition books and correct publisher's price. The authority reserves the right to ask the supplier to provide authentic proof in this regard.
24. The authority will carry no responsibility for receipt of the tender paper beyond the stipulated last date for submission due to postal delay.
25. All the documents are to be kept in a sealed envelope marked 'Envelope A'. The EMD amount is not to be disclosed and the DD in this regard is to be enclosed in a separate envelope and kept inside Envelope A. The price bid document is to be kept in another sealed envelope marked as 'Envelope B'. Both envelope A & envelope B are to be kept in another sealed envelope – marked as 'Envelope C'. The Envelope C is to be superscripted as "TENDER FOR TEXT & REFERENCE BOOKS FOR THE LIBRARY OF IGIT,SARANG.
26. Any dispute is subject to Kamakhyanagar jurisdiction only.

TECHNICAL BID

Tenderer's reference No. _____ date _____

1. Name of the Applicant: _____

2. Address : _____

3. Tel. No. _____ Fax No.: _____

Mobile No.: _____ e-mail: _____

4. Particulars of Demand Draft:

DD Number Date of Issue Issuing Bank Earnest Money Deposit(EMD)

5. Proforma for submitting the Technical Bid

i. Name of the Company/Firm _____

ii. Address of the Company/Firm _____

iii. Nominated Contact Person (along with his/her profile and work experience)

Documents/certificates from the appropriate authority are to be attached in support of the statements.

Name & Signature of the Authorized Signatory
of the Company/Firm

TECHNICAL BID CHECK LIST

Requirements	Whether documents enclosed
1. Name of the Bidder with Complete Address/Tel/ Email/ PAN No.	Name :
	Address:
	Tel. No. :
	Email :
	PAN No. :
2. Details of EMD amount	
3. Status of Bidder (Whether Firm/Company/joint venture). Certificate of proof to be enclosed.	
4. Name's of Publisher(s), whom you represent as Distributor in India. Enclose supporting documentary evidence	
5. No of years of experience in supplying – Minimum 10 Years. Enclosed documentary proof	
6. Income Tax Return for the last 3 years with Turn over more than Rs 10 Cr & balance sheet , Enclosed documentary proof	
7. Names of at least 3 institutions where you are supplying books worth and above Rs 50 Lacs per year. Attach copy of supply order.	
8. Bidder shall submit an affidavit stating that the bidder has not been black listed by any Government/Quasi-Government institution on stamp paper	
9. GST Registration Certificate	
10. Contact Person for emergency with name, designation, address & Phone numbers	

Name & Signature of the Authorized Signatory
of the Company/Firm

LIST OF BOOKS FOR CHEMICAL ENGINEERING					
	B.Tech				
Sl. No.	Name of the Book	Author	Publisher	Quantity	Price
1	Unit Operations of Chemical Engineering	W.L. McCabe, J.C. Smith, P. Harriot	McGraw-Hill Publication	10	
3	Dryden's outlines of Chemical Technology	(Edited & revised by M. G. Rao and M. Sitting)	East West Press	10	
4	Shreeve's Chemical Process Industries	G.T. Austin	McGraw Hill Book Co.	6	
5	Transport Processes and Separation Process Principles	Christie John Geankoplis	PHI Learning Pvt. Ltd.	2	
8	Textbook of Polymer Science	Fred W. Billmeyer	John Wiley & Sons	6	
9	Introduction to Chemical Engineering Thermodynamics	Smith, J M	Mc Graw-Hill	8	
12	Chemical Engg. Thermodynamics	Y.V.C. Rao	University Press	10	
13	Chemical Engg. Thermodynamics	K.V.Narayan	Prentice Hall of India, 2011	8	
14	Transport phenomena	R. Byron Bird, Warren E. Stewart, Edwin N. Lightfoot	John Wiley & Sons	10	
15	Fundamentals of Heat and Mass Transfer	F. P. Incropera	John Wiley & Sons	5	
16	Process Heat Transfer	D. Q. Kern	Mc-Graw & Hills	4	
17	Heat and mass transfer	R.K Rajput	S. Chand publication	10	
18	Fundamentals of Heat and Mass Transfer	Incropera, Dewitt, Bergman, Lavine	John Wiley & Sons, sixth edition	6	
19	Heat and Mass Transfer	P K Nag	Tata Mc Graw Hill	5	
20	Fundamentals of Heat and Mass Transfer	Gk Roy	Khanna Publishers	8	
21	<i>Structure and Rheology of Complex Fluids</i>	<i>R. G. Larson</i>	<i>Oxford University Press</i>	2	
22	Principles of Mass Transfer and Separation Processes	B. K. Dutta	Prentice Hall	8	
23	Elementary Chemical Reactor Analysis	Aris R.	Prentice-Hall 1969	5	
24	Elements of Chemical Reaction Engineering	Foggler, H.S.	Prentice Hall of India, 1994	6	
25	Elements of Chemical	Octave Levenspiel	John Wiley &	6	

	Reaction Engineering		Sons		
26	Chemical Reaction Engineering-I,II	K.A Gavhane	Nirali Prakashan	8	
27	Biochemical Engineering Fundamentals	James E. Bailey and David F. Ollis	McGraw-Hill	6	
28	Introduction to Biochemical Engineering	Rao D G	Tata Mc Graw Hill	4	
29	Fundamentals of Biochemical Engineering	R. Dutta	Springer	3	
30	Petroleum Refinery Engineering	Nelson, W.L	Tata Mc-Grow Hill	4	
31	Modern Petroleum Refining Processes	Rao, B. K. B.	Oxford and IBH	4	
32	Outline of Chemical Instrumentation and Process Control	A. Suryanarayana	Khanna Publisher	3	
34	Process Dynamics and Controls	Seborg D. E., Edgar T.F and Mellichamp D. A.	John Wiley & Sons	3	
35	Chemical Process Control–An Introduction to Theory & Practice	G. Stephenanopoulos	Prentice-Hall India	3	
36	Process Systems Analysis and Control	D.R. Coughanowr	McGraw-Hill International	6	
37	Process Control & Instrumentation	R. P. Vyas	Denett & Company	6	
38	Industrial Instrumentation	Donald P. Ekmann	PHI Learning Pvt. Ltd.	6	
39	Industrial instrumentation and control	S.K.Singh	Tata Mc Graw-Hill	3	
40	Introduction to Chemical Engineering Process Design	B. C. Bhattacharya	CBS Publishers	4	
41	Coulson & Richardson's Chemical Engineering, Vol. 6	J.M. Coulson, J.F. Richardson, J.R. Backhurst and J.H. Harker	Elsevier Publication	10	
42	Process Equipment Design	Joshi, M.V., Mahajani, V.V.	Macmillan India Ltd	6	
44	Optimization of Chemical Processes	T. F. Edgar, D. M. Himmelblau	Mcgraw-Hill College Division	4	
45	A Text book of Fluid Mechanics & Hydralic Machines	R.K.Bansal	Laxmi Publications	6	
46	Introduction to Fluid	Robert W Fox, Alan	John Wiley &	5	

	Mechanics	T. McDonald	Sons		
47	Stoichiometry & process Calculations	K.V. Narayanan & B-lakshmikatty	PHI Learning Pvt. Ltd.	10	
48	Unit Operations	Brown G. G.	CBS Publishers	4	
49	Mechanical Operation	A.K. Swain, Hemalata Patra, G.K Roy	Tata McGraw Hill	10	
50	Separation Process	King J.	McGraw-Hill	5	
51	Mineral processing technology	B.A.Wills and T. J. Napier-Mum	Elsevier science & Technology	4	
52	Principle of Mineral Dressing	Gaudin, A. M. and Prior, B.J.	Tata McGraw Hill	4	
53	Modelling and Simulation in Chemical Engineering	Franks. R.G.E	Wiley Inter Science	7	
54	Process Simulation and Control using Aspen	Amiya K. Jana	Prentice-Hall	8	
55	Chemical Process Modelling and Computer Simulation	Amiya K. Jana	Prentice-Hall	4	
56	Modern Food Microbiology	Jay	CBS Publishers	6	
57	Introduction to food engineering	R.P. Singh and D.R. Headman	Aca. Press	3	
58	Objective Type Qns & Answers in Chemical Engineering	O.P Gupta	Khanna Publishers	4	
59	Objective Type Qns & Answers in Chemical Engineering	Ram Prasad	Khanna Publishers	5	
60	GATE Chemical Engineering		Arihant Publication	6	
61	Mass Transfer Operations	R. E. Treybal	Mc Graw and Hills	10	
62	Unit operations of chemical Engineering, Vol. VI	P. Chattopadhyay	Khanna Publishers	10	
63	Separation Process Principles'	Seader, Henley & Roper	Wiley	8	
64	Petroleum Refining process	J.G. Speight and B. Ozum	Marcel Dekker, 2002	8	
65	Petroleum Refinery Distillation	R.N. Watkins	Gulf Publications, 1979.	6	
66	Introduction to Chemical Processes: Principles, Analysis, Synthesis 1st Edition	Regina M. Murphy	Mcgraw Higher Ed	10	
67	Basic Principles and	David M.	Pearson	10	

	Calculations in Chemical Engineering	Himmelblau			
68	Material Balance and Process Calculations	Quadri Shujat Hussain, Farooqui Maqdoom	Educational Publishers and Distributors	6	

M.Tech Book List

Sl. No.	Name of the Book	Author	Publisher	Quantity	Price
1	Chemical Engineering Separation Techniques	H.M. Schoen	Wiley Interscience, New York	6	
2	Membrane Separation Processes	Kaushik Nath	Tata McGraw Hill	6	
3	Polymer Characterization Laboratory Techniques and Analysis	Nicholas P. Chermisinoff	Noyes Publications	6	
4	Theory of Polymer Dynamics	M. Doi and S. F. Edwards	Clarendon Press	3	
5	Dynamics of Polymeric Liquids	R. B. Bird, R. C. Armstrong, O.Hassager,	John Wiley and Sons.	4	
6	Structure and Rheology of Complex Fluids	R. G. Larson	Oxford University Press	3	
7	Chemical and Catalytic Reaction Engineering	James J. Carberry	Dover Publications	3	
8	Advanced Transport Phenomena	John C.Slattery	Cambridge University Press	3	
9	Process dynamics and control	D.E. Seborg, T.F. Edgar, Mellichamp	John Wiley & sons	6	
10	Chemical Kinetics	J.M. Smith	McGraw Hill	3	
11	Numerical methods for Engineer	Santhosh K.Gupta	Wiley Eastern Ltd	5	
12	An Introduction to Fluid Dynamics	Batchelor G.K	Cambridge University Press	3	
13	Computational Fluid Dynamics: The Basics with Applications	John D. Anderson Jr.	McGraw-Hill Series of Mechanical Engineering	4	

14	A course on heat and mass transfer	A. Domkundware	Dhanpat Ray and sons publication	4	
15	Petroleum Refinery Distillation	Watkins, R.N	2nd Edition, Gulf Publishing Company Texas, 1981	4	
16	"Air Pollution"	M.N. Rao and H.V.N, Rao	Tata McGraw Hill	6	
17	'Process Control: Modeling, Design and Simulation	B.W. Bequette	PHI, 2006	3	
18	Biochemical Engineering Fundamentals	J.E. Bailey and D.F. Ollis	McGraw Hill, Publishing Co. New York.	5	
19	Air Pollution Control Equipments	Y.B.G. Verma, H. Brauer	Springer	5	
20	Environmental Impact Assessment – Theory and practice	Peter Wathern	Unwin Hyman Ltd., 1988	5	
21	Separation Processes	C. J. King	Tata McGraw Hill Publishing Co Ltd.	3	
22	Hand Book of Separation Process Technology	R.W.Roussel	John Wiley, NY, 1987	3	
23	Handbook of Green Chemistry	P T Anastas	Wiley VCH.	3	
24	Green Chemistry and Engineering: A Practical Design Approach	C J Gonzalez and D J C Constable	Wiley	3	
25	Green Chemistry for Environmental Sustainability	S K Sharma and A Mudhoo	CRC Press.	3	
26	Numerical Heat Transfer and Fluid Flow	S. V. Patankar	McGraw-Hill	3	
27	Computational Fluid Dynamics	T. J. Chung	Cambridge University Press	3	
28	An Introduction to Computational Fluid Dynamics	H. K. Versteeg & W. Malalasekera	Longman Scientific & Technical	3	
29	Computational Fluid Dynamics	John D. Anderson Jr	McGraw Hill Book Company	3	
30	Advanced Process Dynamics and Control	Prabir Kumar Sarkar	(PHI learning Pvt. Ltd)	4	
31	Process Control	B. Wayne Bequette	PHI Pvt. Ltd.	4	
32	Bio-process Engineering	M.L. Shuler and F. Kargi,	Prentice Hall of India, New Delhi. 2002	3	
33	Biochemical Engineering Fundamentals	Bailey and D.F. Ollis	McGraw Hill	4	

CIVIL ENGINEERING DEPARTMENT BOOK LIST 2018 - 19

Sl. No.	Name of The Book	Author Name	Publishing House	Quantity	Price
1	A course in Highway Engineering	S P Bindra	Dhanpat Rai	50	
2	A Text Book of Fluid Mechanics and Hydraulic Machines	R K Bansal	Laxmi Publications	80	
3	A Text book of Hydraulics, Fluid Mechanics and Hydraulic Machines	R S Khurmi & N Khurmi	S Chand	80	
4	A Text Book of Hydrology	P. Jayarami Reddy	Laxmi Publications	50	
5	A Text Book of Railway Engineering	S C Saxena & S P Arora	Dhanpat Rai	100	
6	A Text Book of Surveying and Levelling	R Agor	Khanna	50	
7	A Text Book of Transportation Engineering	S.P.Chandola	S.Chand	50	
8	Advanced Foundation Engineering	V N S Murthy	CBS Publications	20	
9	Advanced Mechanics of Materials	Kumar and Ghai	Khanna	80	
10	Advanced Mechanics of Solids	L S Srinath	McGraw Hill	80	
11	Advanced Reinforced Concrete Design	P C Varghese	PHI Learning	50	
12	Advanced Structural Analysis	Devdas Menon	Narosa	50	
13	Airport Engineering	Rangwala	Charotar	80	
14	Airport Planning and Design	S K Khanna, M G Arora & S S Jain	Nem Chand & Bros	80	
15	Basic and Applied Soil Mechanics	Gopal Ranjan & ASR Rao	New Age International	80	
16	Basic Geotechnical Earthquake Engineering	Kamlesh Kumar	New Age International	20	
17	Basic Structural Analysis	C S Reddy	McGraw Hill	80	
18	Buckling of bars, plates and shells	D O Brush and B O Almoroth	McGraw Hill	2	
19	Building and Construction Materials: Testing and Quality Control	M L Gambhir & Neha Jamwal	McGraw Hill	20	
20	Building Construction	Rangwala	Charotar	50	
21	Building Construction	Sushil Kumar	Standard Publishers	50	
22	Building Construction	B C Punmia	Laxmi Publications	50	
23	Building Construction	Rangwala	Charotar	50	
24	Building Construction	Neelam Sharma	S.K. Kataria & Sons	50	
25	Building Materials	Rangwala	Charotar	80	
26	Building Materials and Construction	G C Sahu and J Jena	McGraw Hill	50	
27	Civil Estimating and Costing	A.K. Upadhyay	S.K. Kataria & Sons	70	
28	Concepts and Applications of Finite Element Analysis	Robert D. Cook	Wiley	10	

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29	Concrete Technology	A.R. Santhakumar	Oxford	30	
30	Concrete Technology	M L Gambhir	McGraw Hill	100	
31	Construction Technology	S.K.Sarkar & S.Saraswati	Oxford	30	
32	Design Of Reinforced Concrete Structures	N Subrmanian	Oxford	40	
33	Design Of Steel Structures	B. C .Punmia & A.k. Jain	Laxmi Publications	50	
34	Design Of Steel Structures	S Ramamrutham	Dhanpat Rai	40	
35	Disaster Management	M. Pandey	Wiley	10	
36	Disaster Management	J P Singhal	Laxmi Publications	20	
37	Disaster Science and Management	T Bhattacharya	McGraw Hill	20	
38	Dynamics of Structures	Clough & Penzien	McGraw Hill	20	
39	Dynamics of Structures and Earthquake Design	A K Chopra	Pearson	20	
40	Dynamics of Structures	P Paultre	Wiley	20	
41	Dynamics of Structures and Foundation	I Chowdhury & S P Dasgupta	CRC Press	2	
42	Earth Pressure and Earth Retaining Structures	CRI Clayton	CRC Press	2	
43	Earthquake Resistant Design and Risk Reduction	David Dowrick	Wiley	10	
44	Earthquake Resistant Design of Structures	S K Duggal	Oxford	60	
45	Earthquake Resistant Design of Structures	P Agarwal & M Shrikhande	PHI Learning	60	
46	Engineering Drawing	Parthasarathy & Vela Murali	Oxford	30	
47	Engineering Hydrology	K Subramanya	McGraw Hill	70	
48	Engineering Hydrology and Water Resources Engineering	S K Garg	Khanna	70	
49	Engineering Materials	R K Rajput	S Chand	50	
50	Engineering Mechanics of Composite Materials	Daniel & Ishai	Oxford	20	
51	Environmental Engg - I (Water Supply Engg)	B. C .Punmia & A.k. Jain	Laxmi Publications	50	
52	Environmental Engg - II (Waste Water Engg)	B. C .Punmia & A.k. Jain	Laxmi Publications	50	
53	Environmental Impact Assessment Methodologies	Y. Anjaneyulu	B.S. Publications	80	
54	Environmental Science	S K Dhameja	S.K. Kataria & Sons	50	
55	Estimating and Costing in Civil Engineering	B N Dutta	UBS Publishers	80	

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56	Estimating, Costing, Specification & Valuation in Civil Engineering	M Chakraborti		80	
57	Finite Element Analysis	S. Rajasekaran	S.Chand	20	
58	Finite Element Analysis	Y M Desai, T I Eldho & A H Shah	Pearson	20	
59	Finite Element Analysis: Theory and Programming	C S Krishnamoorthy	McGraw Hill	20	
60	Fluid Mechanics	A.K. Jain	Khanna	80	
61	Fluid Mechanics and Hydraulic Machines	P.N. Modi & S.K.Seth	Standard Book House	80	
62	Foundation Design Theory and Practice	N S V Kameswara Rao	Wiley	2	
63	Fundamental Concepts of Earthquake Engineering	Roberto Vilverde	CRC Press	2	
64	Ground Improvement Techniques	P.Purusottam Raj	Laxmi Publications	20	
65	Ground Improvement Techniques	B C Chattopadhyay	PHI Learning	20	
66	Groundwater Hydrology	D K Todd	Wiley	10	
67	Highway Engineering	S K Khanna & CEG Justo	Nem Chand & Bros	80	
68	Highway Engineering	Rangwala	Charotar	80	
69	Hydrology and Water Resources Engineering	K C Patra	Narosa	50	
70	Irrigation and Water Power Engineering	B. C .Punmia & A.k. Jain	Laxmi Publications	80	
71	Irrigation Engineering	H M Raghunath	Wiley	20	
72	Irrigation Engineering	N N Basak	McGraw Hill	80	
73	Irrigation Engineering and Hydraulic Structures	S K Garg	Khanna	80	
74	Limit State Design of Reinforced Concrete	P C Varghese	PHI Learning	50	
75	Limit State Design of Reinforced Concrete	B. C .Punmia & A.k. Jain	Laxmi Publications	50	
76	Limit State Design of Steel Structures	S K Duggal	McGraw Hill	50	
77	Mechanics of Composite Materials and Structures	Madhujit Mukhopadhyay	Universities Press	20	
78	Mechanics of Composite Materials and Structures	Robert M Jones	CRC Press	5	
79	Mechanics of Materials	Timoshenko & Gere	CBS Publications	50	
80	PERT and CPM	B C Punmia	Laxmi Publications	80	
81	PERT and CPM Principles and Applications	L S Srinath	East West Press	80	
82	Pile Foundation in Engineering Practice	Samsher Prakash	Wiley	2	

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83	Prestressed Concrete	N K Raju	McGraw Hill	80	
84	Prestressed Concrete	K U Muthu	PHI Learning	50	
85	Prestressed Concrete Design	Praveen Nagarajan	Pearson	50	
86	Principles of Foundation Engineering	B M Das	Ceneage	50	
87	Reinforced Concrete Limit State Design	A K Jain	Nem Chand & Bros	50	
88	R.C.C Design and Drawing	Neelam Sharma	S.K. Kataria & Sons	50	
89	Reference Book on Computer Aided Design Laboratory	M.N.Sesha Prakash & G.S. Suresh	Laxmi Publications	30	
90	Reinforced Concrete Design	N K Raju & R.N. Pranesh	New Age International	50	
91	Reinforced Concrete Design	D Menon & S Pillai	McGraw Hill	50	
92	Reinforced Concrete Structures Vol. I	B. C .Punmia & A.k. Jain	Laxmi Publications	50	
93	Reinforced Concrete Structures Vol. II	B. C .Punmia & A.k. Jain	Laxmi Publications	50	
94	Sewage Disposal and Air pollution Engineering	S K Garg	Khanna	80	
95	Soil Dynamics and Design Foundation	S Prakash & V K Puri	McGraw Hill	60	
96	Soil Dynamics and Machine Foundation	Swami Saran	Galgotias	50	
97	Soil Mechanics & Foundation Engineering	B C Punmia	Laxmi Publications	50	
98	Soil Mechanics & Foundation Engineering	K R Arora	Standard Publishers	50	
99	Soil Mechanics & Foundation Engineering	BBK. Huat, A. Prasad, Afshin Asadi & S Kazemian	Cenage Learning	10	
100	Soil Mechanics & Foundation Engineering	P.Purusottam Raj	Pearson	30	
101	Soil Mechanics & Foundation Engineering	B.N.D. Narasingha Rao	Wiley	20	
102	Soil Testing	K.V.S. Apparao & V.C.S Rao	Laxmi Publications	10	
103	Stability Analysis and Design of Structures	M L Gambhire	Springer	20	
104	Steel Structures: Design and Practice	R Subramanian	Oxford	50	
105	Stochastic Hydrology	Jayarami Reddy	Laxmi Publications	30	
106	Strength of Materials	G.H. Ryder	Macmillan	50	
107	Strength of Materials	S. Ramamrutham	Dhanpat Rai	80	
108	Strength of Materials	Sadhu Singh	Khanna	80	
109	Strength of Materials	S.S.Ratan	McGraw Hill	50	

CIVIL ENGINEERING DEPARTMENT BOOK LIST 2018 - 19

110	Structural Analysis	Thandavamoorthy	Oxford	30	
111	Structural Analysis Vol. I	R Vaidyanathan & P Perumal	Laxmi Publications	50	
112	Structural Analysis Vol. I	S S Bhavikatti	Vikas	50	
113	Structural Analysis Vol. II	R Vaidyanathan & P Perumal	Laxmi Publications	50	
114	Structural Analysis Vol. II	S S Bhavikatti	Vikas	50	
115	Structural Dynamics: Theory and Computation	M Paz	Springer	20	
116	Structural Dynamics: Vibrations and Systems	M Mukhopadhyay	Anne Books	20	
117	Surveying and Levelling	NN Basak	McGraw Hill	80	
118	Surveying and Levelling	R Subramanian	Oxford	40	
119	Surveying Vol. I	B. C. Punmia & A.k. Jain	Laxmi Publications	80	
120	Surveying Vol. II	B. C. Punmia & A.k. Jain	Laxmi Publications	80	
121	Theory of Elastic Stability	Timoshenko & Gere	McGraw Hill	20	
122	Theory of Elasticity	S. Singh	Khanna	20	
123	Theory of Elasticity	S. Timoshenko & J.N. Goodier	McGraw Hill	20	
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173	Digital Control of Dynamic Systems", Addison-Wesley	G. F. Franklin, J. D. Powell and M. L. Workman	Addison-Wesley	5	

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174	Digital Control System	B. C. Kuo	Holt, Rinehart and Winston	5	
175	DSP based Electromechanical Motion Control	H. A. Taliyat and S. G. Campbell	CRC press	5	
176	Permanent Magnet Synchronous and Brushless DC motor Drives	R. Krishnan	CRC Press	5	
177	Networks and Systems	D. Roy Choudhury	New Age International Publications	20	
178	Basic Circuit Analysis	K. V. V. Murthy and M. S. Kamath	Jaico Publishers	5	
179	Introduction to Operational Amplifier theory and applications	J. V. Wait, L. P. Huelsman and G. A. Korn	McGraw Hill	5	
180	The Art of Electronics	P. Horowitz and W. Hill	Cambridge University Press	5	
181	Analysis and Design of Analog Integrated Circuits	P.R. Gray, R.G. Meyer and S. Lewis	John Wiley & Sons	5	
182	Alternating current machines	A. S. Langsdorf	McGraw Hill Education	5	
183	Electromagnetism - Theory and applications	A. Pramanik	PHI Learning Pvt. Ltd, New Delhi	5	
184	Electromagnetism-Problems with solution	A. Pramanik	Prentice Hall India	5	
185	The electromagnetic field in its engineering aspects	G.W. Carter	Longmans	5	
186	Electricity and Magnetism	W.J. Duffin	McGraw Hill Publication	5	
187	Advanced Electricity and Magnetism	W.J. Duffin	McGraw Hill	5	
188	The Fundamentals of Electromagnetism	E.G. Cullwick	Cambridge University Press		
189	Introductory Engineering Electromagnetics	B. D. Popovic	Addison-Wesley Educational Publishers, International Edition	5	
190	Modern Digital Electronics	R. P. Jain	McGraw Hill Education	5	
191	Power System Analysis	A. R. Bergen and V. Vittal	Pearson Education Inc	5	
192	Power Electronics: Essentials and Applications	L. Umanand	Wiley India	10	
193	Principles of Thyristorised Converters	G. De	Oxford & IBH Publishing Co	10	

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194	<i>Principles of Power Electronics</i>	<i>J.G. Kassakian, M. F. Schlecht and G. C. Verghese</i>	<i>Addison-Wesley</i>	5	
195	<i>Embedded System</i>	<i>R. Kamal</i>	<i>McGraw Hill Education</i>	5	
196	<i>Computer Organization and Design: The Hardware/Software interface</i>	<i>D.A. Patterson and J.H. Hennessy</i>	<i>Morgan Kaufman Publishers</i>	5	
197	<i>Signals and systems</i>	<i>A. V. Oppenheim, A. S. Willsky and S. H. Nawab</i>	<i>Prentice Hall India</i>	5	
198	<i>Signals and systems</i>	<i>H. P. Hsu</i>	<i>Schaum's series, McGraw Hill Education</i>	5	
199	<i>Signals and Systems</i>	<i>S. Haykin and B. V. Veen</i>	<i>John Wiley and Sons</i>	5	
200	<i>Discrete-Time Signal Processing</i>	<i>A. V. Oppenheim and R. W. Schaffer</i>	<i>Prentice Hall</i>	5	
201	<i>Fundamentals of Signals and Systems</i>	<i>M. J. Robert</i>	<i>McGraw Hill Education</i>	5	
202	<i>Linear Systems and Signals</i>	<i>B. P. Lathi</i>	<i>Oxford University Press</i>	5	
203	<i>Theory and Application of Digital Signal Processing</i>	<i>L. R. Rabiner and B. Gold</i>	<i>Prentice Hall</i>	5	
204	<i>Introduction to Digital Signal Processing</i>	<i>J. R. Johnson</i>	<i>Prentice Hall</i>	5	
205	<i>Digital Signal Processing</i>	<i>D. J. DeFatta, J. G. Lucas and W. S. Hodgkiss</i>	<i>John Wiley & Sons</i>	5	
206	<i>Wind Power in Power Systems</i>	<i>T. Ackermann</i>	<i>John Wiley and Sons Ltd</i>	10	
207	<i>Renewable and Efficient Electric Power Systems</i>	<i>G. M. Masters</i>	<i>John Wiley and Sons</i>	5	
208	<i>Solar Energy: Principles of Thermal Collection and Storage</i>	<i>S. P. Sukhatme</i>	<i>McGraw Hill</i>	10	
209	<i>Grid integration of wind energy conversion systems</i>	<i>H. Siegfried and R. Waddington</i>	<i>John Wiley and Sons Ltd</i>	5	
210	<i>Renewable Energy Applications</i>	<i>G. N. Tiwari and M. K. Ghosal</i>	<i>Narosa Publications</i>	5	
211	<i>Solar Engineering of Thermal Processes</i>	<i>J. A. Duffie and W. A. Beckman</i>	<i>John Wiley & Sons</i>	5	
212	<i>Computer Aided Design of Electrical Machines</i>	<i>K. M. V. Murthy</i>	<i>B.S. Publications</i>	2	
213	<i>Power Semiconductor Controlled Drives</i>	<i>G. K. Dubey</i>	<i>Prentice Hall</i>	2	
214	<i>Control of Electric Drives</i>	<i>W. Leonhard</i>	<i>Springer Science & Business Media,</i>	2	

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215	<i>High Voltage Direct Current Transmission</i>	<i>J. Arrillaga</i>	<i>Peter Peregrinus Ltd.</i>	2	
216	<i>Direct Current Transmission</i>	<i>E. W. Kimbark</i>	<i>Wiley-Interscience</i>	2	
217	<i>Protective Relaying: Principles and Applications</i>	<i>J. L. Blackburn</i>	<i>Marcel Dekker, New York</i>	2	
218	<i>Synchronized Phasor Measurements and their Applications</i>	<i>A. G. Phadke and J. S. Thorp</i>	<i>Springer</i>	2	
219	<i>Protective Relaying for Power Generation Systems</i>	<i>D. Reimert</i>		2	
220	<i>High Voltage Engineering Fundamentals</i>	<i>D. V. Razevig (Translated by Dr. M. P. Chourasia)</i>	<i>Khanna Publishers</i>	5	
221	<i>High Voltage and Electrical Insulation Engineering</i>	<i>R. Arora and W. Mosch</i>	<i>John Wiley & Sons</i>	2	
222	<i>Various IS standards for HV Laboratory Techniques and Testing</i>			2	
				5400	

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BOOKLIST

SL. NO.	TITLE	AUTHOR	PUBLISHER	NO. OF COPIES	Price
1	Internet of Things- Architecture and Design Principles	Raj Kamal	McGraw Hill, 1 st edition, 2017.	60	
2	Internet of Things, A Hands on Approach	Arshdeep Bahga and Vijay Audisetti	University Press, 1 st edition, 2016.	60	
3	Digital Communications	J. G. Proakis and Masoud Salehi	Mc Graw Hill, 5th edition, 2008.	40	
4	Digital Communications – Fundamentals and applications	Bernard Sklar	Pearson education, 2 nd edition, 2001.	40	
5	Optical Fiber Communications	Gerd Keiser	TMH, 4 th edition, 2008	36	
6	Optical Fiber Communications	John M. Senior	Pearson, 3 rd edition, 2010	60	
7	Optical Networks: A Practical Perspective	R. Ramaswami, K. N. Sivarajan, G. H. Sasaki	OSA, 3 rd edition, 2009	60	
8	Adaptive Signal Processing	Bernand Widrow and Samuel D. Stearns	Pearson Education, 2009.	36	
9	Adaptive filter Theory	Simon Haykins	PHI, 2003.	20	
10	Pattern Recognition and Machine Learning	C.M. Bishop	Springer, 1 st edition, 2006	36	
11	Pattern Classification	R.O. Duda, P.E. Hart and D.G. Stork	Wiley Inter science, 2001	20	
12	Fundamentals of radar signal processing	M. A. Richards	Tata McGraw-Hill, 2 nd edition, 2005	36	
13	Principles of modern radar	J. Scheer, and A. H. William	SciTech, 2010	20	
14	Neuro-fuzzy and Soft Computing	J.S.R. Jang, C.T. Sun and E. Mizutani	PHI, 2005	36	
15	Neural Networks, Fuzzy Logic, and Genetic Algorithms	S. Rajasekaran, G.A. VijaylakshmiPai	PHI, 2001	20	
16	Telecommunication	ThiagarajanVis	PHI, 2 nd edition, 2010	36	

	Switching Systems and Networks	wanathan			
17	Telecommunications Switching, Traffic and Networks	J. E. Flood	Pearson Education, 1 st edition, 2002	20	
18	Cryptography and Network Security	Behrouz A. Forouzan	McGraw-Hill, 2007	36	
19	VHDL Programming by Example	Douglas L. Perry	McGraw-Hill, 4 th edition, 2002	36	
20	Opto-Electronics: An Introduction	J. Wilson and J. B. Hawkes	Prentice Hall of India, 3 rd edition, 2011	20	
21	Software Radio: A modern approach to Radio Engineering	Jeffrey H. Reed	Prentice Hall PTR, 2002	36	
22	Software Radio Architecture: Object Oriented Approaches to wireless System Engineering	Joseph Mitola	Wiley-Interscience, 1 st edition, 2000	20	
23	Introduction to Radar Systems	M. Skolnik	Tata McGraw Hill, 3 rd edition, 2003	36	
24	Modern Radar Systems	H. Meikle	Arctech House, 2 nd edition, 2008	20	
25	VLSI for Wireless Communication	Bosco Leung	Prentice Hall Electronics and VLSI series, 2002	36	
26	RF Microelectronics	B. Razavi	Prentice Hall, 1998	20	
27	Information Theory, Coding and Cryptography	Ranjan Bose	Tata McGraw-Hill, 2 nd edition, 2008	36	
28	Satellite Communication	T. Pratt and C. W. Bostier	John Wiley & Sons, 2 nd edition, 2006	20	
29	Satellite Communication	D.C. Agrawal and A. K. Malini	Khanna, 1991	20	
30	Wireless Sensor Networks	I. F. Akyildiz and M. C. Vuran	John Wiley and Sons, 2010	20	
31	Wireless Sensor Networks- An Information Processing Approach	Feng Zhao & Leonidas J. Guibas	Elsevier, 2007	60	
32	Mobile and Wireless Network Security and Privacy	S. Kami Makki, Peter Reiher, Kia Makki	Springer, 2007	20	
33	Ad Hoc Wireless Networks Architectures and Protocols	C. Siva Ram Murthy, B.S. Manoj	Prentice Hall, 2007	20	
34	RFID Security Techniques, Protocols and System-On-Chip Design	Paris Kitsos, Yan Zhang	Springer, 2008	20	

35	Antenna Theory Analysis and Design	C. A. Balanis	John Wiley, 4 th edition, 2016	36	
36	Antenna theory and design	Warren L.Stutzman, Gary A.Thiele	John Wiley and sons, 3 rd edition, 2012	20	
37	Antennas	J. D. Kraus	McGraw Hill TMH, 3 rd edition, 2001	20	
38	Wireless Optical Communication, CRC Press	Olivier Bouchet	Wiley, 2013	20	
39	Optical Wireless Communications: System & Channel Modelling with MATLAB	Z. Ghassemlooy, W. Popoola, S. Rajbhandari	Taylor and Francis Group, 2017	20	
40	Mathematical Methods and Algorithms for Signal Processing	T.K. Moon and W.C.Stirling	Pearson Education, 2000	20	
41	Probability random variables and stochastic process	A. Papoulis and S. U. Pillai	TMH, 4 th edition, 2001	20	
42	Introduction to Multimedia Communication s: Applications, Middleware, Networking	K. R. Rao, Zoran S. Bojkovic and Dragorad A. Milovanovic	Wiley Interscience, 1 st edition, 2006.	36	
43	Multimedia Communications: Applications, Networks, Protocols and Standards	Fred Halsall	Pearson education, 4 th edition, 2009	20	
44	Real-Time Concepts for Embedded Systems	Qing Li with Caroline Yao	CMP, 2011	36	
45	Embedded C Programming and the Atmel AVR	Barnett, Cox, and O'Cull	Thomson Delmar learning, 2006	20	
46	Programming Arduino	Simon Monk	McGraw Hill Education, 2 nd edition, 2012	20	
47	Fundamentals of Wireless Communication	David Tse and PramodViswanath,	Cambridge University Press, 2005	36	
48	Coding for MIMO Communication systems	Tolga M. Duman and Ali Ghayeb	John Wiley & Sons, 2007	20	
49	MIMO Wireless Communications	EzioBiglieri , Robert Calderbank	Cambridge University Press, 2007	36	
50	Fundamentals of wireless communications	David Tse and PramodViswanath	Cambridge University Press,1 st edition, 2012	36	
51	Wireless Communication	UpenaDalal	Oxford University Press, 2009	20	

52	Free Space Optical Communication	HemaniKaushal, V.K Jain, SubratKar	Springer, 2017	36	
53	Terrestrial Wireless Optical Communication	Devi Chadha	Mc-Graw Hill Education, 2013	20	
54	Microelectronic Circuits	Adel S. Sedra and Kenneth C. Smith	Oxford University Press, 7 th Edition, 2014.	150	
55	Digital Fundamentals	Thomas L. Floyd and R.P. Jain	Pearson Education, 8 th Edition, 2009	150	
56	Electronic Devices and Circuits theory	R.L. Boylestad and L. Nashelsky	Pearson Education, New Delhi , 9th/10th Edition, 2013	50	
57	Milliman's Electronics Devices and Circuits	J. Milliman, C. Halkias, S. Jit.	Tata McGraw Hill Education Pvt. Ltd., New Delhi, 2nd Edition, 2008	50	
58	CMOS Digital Integrated Circuits: Analysis and Design	Sung-Mo Kang and Yusuf Leblebici	Tata McGraw-Hill Publishing Company Limited, 3rdEdn, 2003.	50	
59	Principles of Communication Systems	H Taub, D L Schilling and G Saha,	TMH Education Pvt Ltd, 4th Edition 2013	50	
60	Microwave Engineering	David M. Pozer	Fourth Edition, Wiley Publications, 2011	50	
61	Data Communications and Networking	Behrouz A. Forouzan	Tata McGraw-Hill, 4th Edition	50	
62	Antenna Wave	G.S.N.Raju	Propagation Pearson Education, 2006	10	
63	Network Optimization	V.K. Balakrishnan	1st ed.. published London ; New York : Chapman & Hall, [1995]	10	
64	Linear Network Optimization: Algorithm and codes	D. Bertsekas	MIT Press Cambridge, MA, USA ©1991	10	

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Sl No	Name of the books	Author (s)	Publication	No of books required	price
1	Introduction to tribology of beams	B C Majumdar	S Chand	4	
2	Mechanical engineering design	J E Shigley	Tata McGraw Hill	4	
3	FEM in engineering	Tirupathi R. Chandeyal	Pearson	2	
4	Advanced mechanics of solids	L S Srinath	TMH	5	
5	Strength of materials	G H Ryder	MC Miller	4	
6	Strength of materials	Ramamrutham and Narayan		4	
7	Advanced mechanics of materials	Boresi and Schimdt	Willey	4	
8	Strength of materials	S S Ratan	TMH	2	
9	Strength of materials	Gere and Barry	Cengage	2	
10	Theory of elasticity	Timoshenko	McGraw Hill	2	
11	Theory of plasticity	J Chakraborty	McGraw Hill	2	
12	Material selection in mechanical design	M. F. Ashby	Pergamon Press	4	
13	Advanced mechanics of materials	F. B. Selly and J O Smith	John Wiley and sons	3	
14	Plasticity for mechanical engineering	Johnson	Von Mostrand	2	
15	An introduction to the principle of metal working	Rowe E A		2	
16	Modern Production management	Buffa	John Wiley	2	
17	Rapid prototyping - Theory and Practice	Allik Ramoni	Springer Pub	2	
18	Rapid Prototyping	A Ghosh		4	
19	Fundamentals of metal casting technology	P C Mukherji	Oxford	4	
20	Statistics for engineering and science	Fruend and Miller	PHI	2	
21	Quality engineering using robust design	M S Phadke	Prentice Hall	4	
22	Robot manufacturing and applications	Paul Afonh	John Wiley	2	
23	Renewable energy science and conversion	N K Bansal	TMH	2	
24	Maintenance planning and	Anthony Kelley	EWP	2	

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	control				
25	Mechanics of material	Beer and Johnson	TMH	2	
26	Advanced machining processes	Hussain Afdel Gawad	Tata McGraw Hill	2	
27	Strength and resistance of materials	J M Lessels	John Wiley and sons	4	
28	Mechanical behaviour of engineering material	Joseph Marin	PHI	4	
29	Fatigue testing and analysis	Y Lee, J. Pan	Elsevier Press	4	
30	Engineering fracture mechanics - vol 1	S A Meguid	Elsevier Press	4	
31	Engineering fracture mechanics - vol 2	S A Meguid	PHI	2	
32	Mechanical behaviour of material	N E Dowling	PHI	2	
33	The practical use of fracture mechanics	David Broock	M N Publishers	1	
34	Design and analysis of experiments	Douglas Montgomery	PHI	4	
35	Production and operation management	Paneersalvem	PHI	4	
36	Automobile engineering	Cruise	EEE	4	
37	Project management	Bhaves M Patel	Vikash	4	
38	Project management	Vasant Desai	HPH	3	
39	Operations Research	A Kavinandan, D T Philips	Willey	3	
40	Operations Research	H A Taha, A M Natrajan	Pearson	4	
41	Statistical process control and improvement	A Mitra	Pearson	4	
42	Reliability engineering	L S Srinath		4	
43	Production and Operations management	Aswathappa and Bhatt	HPH	4	
44	Engineering Thermodynamics	G F C Rogers, Y R Mayhew	ELBS	4	
45	Turbines compressors and fans	S M Yahya	TMH	4	
46	Fundamentals of Compressible Flow,with Aircraft & Rocket Propulsion	S M Yahya	4th Edition,New Age techno,2010	3	
47	Computational fluid dynamics	John and Anderson Jr	Mc Graw Hill International Edition	4	
48	Numerical heat transfer and fluid flow	S V Patankar	Hemisphere, New York	4	

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49	Boundary layer theory	Schlichting, H.	Springer,2004	4	
50	Introduction to computational fluid dynamics	Pradip Niyogi, S K Chakrabarthy, M K Laha	Pearson	4	
51	An introduction to energy conversion - vol 1	Vedanth Kandambi, Manohar Prasad	New age international	4	
52	An introduction to energy conversion - vol 2	Vedanth Kandambi, Manohar Prasad	New age international	4	
53	An introduction to energy conversion - vol 3	Vedanth Kandambi, Manohar Prasad	New age international	4	
54	Fundamentals of internal combustion engines	H. N. Gupta	PHI	4	
55	Instrument measurement and analysis	B C Nakra, K K Choudhury	TMH	4	
56	Robotics	S R Dev		4	
57	CAD/CAM	M P Groovers	TMH	4	
58	Fundamentals of metal casting technology	P C Mukherji	Oxford	3	
59	Welding technology	R Little	TMH	5	
60	Metallurgy of welding	W H bruckner	Pitman	3	
61	Mechanical metallurgy	Dieter	TMH	2	
62	Casting properties of metal and alloys	V Korolkove		3	
63	Manufacturing properties of metals and alloys	Alxander and Brewar	Van Strond	2	
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67	Fluid mechanics	K L Kumar		2	
68	Practical hydraulics system	Ravi Doddanavar		2	
69	Principles of Physical Metallurgy	Cengage Learning pvt.ltd.	Abbaschian	4	
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71	Fundamental of Vibrations	Cengage Learning pvt.ltd.	Balachandran	4	
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73	Finite Elements Methods for Engineers	Cengage Learning pvt.ltd.	Dixit	4	
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75	Using AutoCAD 2010	Cengage Learning	Grabowski	2	

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82	Engineering Thermodynamics	Cengage Learning pvt.ltd.	Mishra	4	
83	Vibrations of Mechanical Systems	Cengage Learning pvt.ltd.	Natraj	4	
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85	Thermal Sciences: An Introduction to Thermodynamics, Fluid Mechanics, and Heat Transfer w/CD	Cengage Learning pvt.ltd.	Potter	2	
86	Engineering Mechanics: Statics & Dynamics (SI)	Cengage Learning pvt.ltd.	Pytel	4	
87	Mechanics of Materials w/CD	Cengage Learning pvt.ltd.	Pytel	3	
88	Elements of Mechanical Engineering (VTU)	Cengage Learning pvt.ltd.	Ravindra	2	
89	Mechatronics System Design	Cengage Learning pvt.ltd.	Shetty	2	
90	Engineering Mechanics: Statics & Dynamics	Cengage Learning pvt.ltd.	Soutas - Little	5	
91	Machine Design	Cengage Learning pvt.ltd.	Wentzell	2	
92	The Science & Engineering of Materials with CD	Cengage Learning pvt.ltd.	Askeland/Fulay	2	
93	Mastering Autocad Architecture 2010	Cengage Learning pvt.ltd.	Aubin	2	
94	Mastering Revit Architecture 2010	Cengage Learning pvt.ltd.	Aubin	0	
95	Vibrations	Cengage Learning pvt.ltd.	Balachandran/Magrab	2	
96	Precision Machining Technology	Cengage Learning pvt.ltd.	Hoffman/Hopewell/Janes/Sharp	3	

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98	Principles of Heat Transfer	Cengage Learning pvt.ltd.	Kreith/Bohn	4	
99	First Course in the Finite Element Method	Cengage Learning pvt.ltd.	Logan	2	
100	Industrial Plastics: Theory & Applications	Cengage Learning pvt.ltd.	Lokensgard	1	
101	Engineering Drawing & Design 5E	Cengage Learning pvt.ltd.	Madsen/Madsen	2	
102	SI Mechanics Of Fluids W/Dvd	Cengage Learning pvt.ltd.	Potter/Wiggert/Ramadan	3	
103	SI Mechanics Of Materials	Cengage Learning pvt.ltd.	Pytel/Kiusalaas	2	
104	Process Technology Equipment & Systems	Cengage Learning pvt.ltd.	Thomas	2	
105	Thermodynamics	TMH	Cengel	4	
106	Fundamentals of Engineering Thermodynamics	McGraw Hill	Howell & Dedcious	3	
107	Thermodynamics	John Wiley & Sons	Van Wylen & Sonntag	4	
108	I.C.Engine Fundamentals	McGraw Hill internationals	J B Heward	3	
109	Engine Emissions: Pollutant Formation and Advances in Control Technology	Narosa Publishing House, New Delhi, 2007	BP Pundir	2	
110	Power Plant Engineering	Dhanpat Rai & Sons, New Delhi, 2008	Arrora and Domkundwar	5	
111	Power Plant Technology	McGraw Hill Com, 1985	M.M.Ei-Wakil	3	
112	Principles of Refrigeration	Wiley Limited	Roy J.Dossat	3	
113	Refrigeration and Air-Conditioning	TMH	C.P.Arora	3	
114	Refrigerant and Psychometric Properties (Tables and Charts) SI Units	Jain Brothers	Mathur M.L & Mehta F.S	2	
115	Energy Management Hand Book	7th Edition, Fairmont Press, 2009	Turner W.C Doty, S. & Turner, W.C	3	
116	Optimization Theory & Application	Wiley Eastern Ltd., 2nd Edition, 2004	Rao, S.S.	5	
117	Optimization Methods for Engineering Design	Addison Wesley, 2001	Fox, R.L.,	3	

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118	Gas Turbine Theory	6th Edition,Pearson Prentice Hall,2008	Sarvanamuttoo,H.I.H .,Rogers,G.F.C. &Cohen,H.	3	
119	Fluid mechanics & Thermodynamics of Turbomachinery	7th Edition,Elsevier,2014	Dixon,S.L.	3	
120	Gas Turbines	3rd Edition,TMH,2010	Ganesan,V.	5	
121	Foundations of Fluid Mechanics	Prentice Hall of India,2000	S.W.Yuan	2	
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Metallurgical & Material Engineering Department

Sl.No	Title	Author	Publisher	No. of copies	Price
1	Taguchi Techniques for Quality Engineering	Philip J. Ross	Tata McGraw-Hill	05	
2	Deformation and Fracture Mechanics of Engineering Materials	Richard W. Hertzberg, Richard P. Vinci, Jason L. Hertzberg	Wiley	30	
3	Structure of Metals	Charles S. Barrett	Horney Press	10	
4	Diffusion in Solids	Paul G. Shewmon	McGraw-Hill	40	
5	Light Alloys: From Traditional Alloys to Nanocrystals	I.J Polmear	Butterworth-Heinemann, Elsevier	20	
6	Phase Transformations in Materials	GernotKostorz	Wiley	30	
7	Transformations in Metals	Paul G. Shewmon	McGraw-Hill	10	
8	Castings	John Campbell	Butterworth-Heinemann, Elsevier	60	
9	Mechanical Metallurgy	George E Dieter	McGraw-Hill	40	
10	Mechanical Behavior of Materials	Marc André Meyers, Krishan Kumar Chawla	Cambridge University Press, 2009	20	
11	Transport Phenomena	Bird Stewart Lightfoot (Author)	Wiley	30	
12	Transport Phenomena in Materials Processing	D. R. Poirier (Author), G. H. Geiger (Author)	John Wiley & Sons	50	
13	Introduction to physical metallurgy	Sidney H Avner	Tata McGraw Hill Publishing Co Ltd	60	
14	Physical metallurgy: principles and practice	V Raghavan	PHI Learning Private Limited	60	
15	Physical Metallurgy	Vijendra Singh (Author)	Standard Publishers Distributors	30	
16	Textbook of Materials and Metallurgical Thermodynamics	GhoshAhindra (Author)	PHI	60	
17	Metallurgical Thermodynamics Kinetics and Numericals	Sujay Kumar Dutta (Author), Avinas	S Chand	30	

		h B. Lele (Author)			
18	Gate Guide Metallurgical Engineering 2016	GKP	G.K.PUB; Thirteenth edition	60	
19	Ironmaking and Steelmaking: Theory and Practice	GhoshAhindra (Author), ChatterjeeAmit (Author)	PHI	60	
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