

## List of Books HAS 2018

S.no.	Name of Book	Author's Name	Publisher	Qty.
1.	Engineering Chemistry	Dr.T.L.Rajawat	Neelkanth Publication	70
2.	Engineering Chemistry Part I & II	Rekha nair	CBC	100+100
3.	Engineering mathematics vol.1	Gaur & koul	JPH	100
4.	Engineering mathematics vol.II	Gaur & koul	JPH	100
5.	Engineering mathematics vol.I	Hari singh parihar	Ashirwad pub.	100
6.	Engineering mathematics vol.II	Hari singh parihar	Ashirwad pub.	100
7.	Advanced mathematics vol.III &IV (ECE & EE)	Kantesh gupta	Ashirwad pub.	30+30
8	Advanced mathematics III &IV (ECE & EE)	Hari singh parihar	Ashirwad pub.	30+30
9.	Discrete mathematics	Jain & rawat	CBC	50
10.	Engineering Physics	H.K. Malik A.K.Singh	Mcgraw Hill	30
11.	Engineering physics part I	S.S.Rawat	College Book House	70
12.	Engineering Physics part II	S.S.Rawat	College Book House	70

## M.Tech. Thermal Engineering Books List 2018

S.No.	Books Name	Authors Name	Publications Name	Qty
1.	Numerical Methods & Statistical Techniques using 'C'	Manish Goyal	Laxmi pub.	05
2.	Numerical Methods	Balagurusamy	TMH	02
3.	Numerical Methods for Engineers	Chapra	TMH	02
4.	Applied Numerical Methods with Mat-Lab	Chapra	TMH	02
5.	Fluid Mechanics Fundamentals & Applications	Yunus A. Cengel & John M. Cimbala	TMH	05
6.	Introduction to Fluid Mechanics & Fluid Machines	Som, Biswas & Chakraborty	TMH	05
7.	Introduction to Fluid Mechanics	Fox, Mcdonald & Pritchard	John Wiley & Sons, Inc.	02
8.	Fluid Mechanics	Frank M. White	TMH	05
9	Fluid Mechanics & Machinery	C.P. Kothandaraman	New Age International Pvt. Ltd.	05
10.	Basic Fluid Mechanics &	Zoeb Husain &	BS Publications	05

	Hydraulic Machines	Mohd. Zulkifly Abdullah		
11	Fluid mechanics an introduction to the theory of fluid flows	Franz durts	Springer	01
12.	Fluid Mechanics	Pijush K. Kundu	Elesvier	05
13.	Fluid Mechanics for Engineers	Meinhard T. Schobeiri	Springer	01
14.	Fundamentals of Fluid Mechanics	Munson, Young, Okiishi & Huebsch	John Wiley & Sons, Inc.	02
15.	Advanced Fluid Mechanics	W.P. Graebel	Academic Press Elesevier	02
16.	Fluid Mechanics	John F. Douglas	Pearson Education	02
17.	Engineering Fluid Mechanics	Crowe, Elger, Williams Roberson	John Wiley	02
18.	Heat & Mass Transfer	Yunus A. Cengel	TMH	02
19.	Heat transfer	j.p.holman	TMH	02
20.	Heat & mass transfer	R.K. rajput	S.chand	05
21.	Fundamentals of Heat & Mass Transfer	C.P. Kothandaraman	New Age	02
22.	Principles of Heat Transfer (Indian ed.)	Kreith, Manglik & Bohn	Cengage Learnng	02
23.	Introduction to Heat Transfer  (Indian ed.)	Vedat S. Arpaci, Ahmet Selamet & Shu-Hsin Kao	Prentice-Hall India Pvt. Ltd.	01
24.	Heat & Mass Transfer	Ozisik	TMH	02
25.	Fundamentals of Engineering Heat & Mass Transfer	R.C. Sachdeva	New Age International	02
26.	Heat & mass transfer	Arora & dhomkudwar	Dhanpat rai	05
27.	Fundamentals of Heat & Mass Transfer	M. Thirumaleshwar	Pearson Education	02
28.	Thermodynamics An Engineering Approach	Yunus A. Cengel & Michael A. Boles	TMH	05
29.	Thermodynamics	P.K. nag	TMH	10
30.	Advanced Engineering Thermodynamics (Indian edition)	Adrian Bejan	John Wiley & Sons, Inc.	01
31.	Fundamentals of Engineering Thermodynamics (Indian edition)	Moran, Shapiro, Boettner & Bailey	John Wiley & Sons, Inc.	01
32.	Engineering Thermodynamics	YVC Rao	Universities Press (India) Pvt. Ltd.	02
33.	Applied Thermodynamics	T.D. Eastop & A. McConkey	Pearson Education	02
34.	Fundamentals of Thermodynamics	G.J. Van, Wylen, Borgnakke & R.E. Sonntag	John Wiley & Sons, Inc.	02
35.	Introductory Thermodynamics	Pierre Infelta	BrownWalkar Press	02
36.	Modern Engineering Thermodynamics	Robert T. Balmer	Academic Press Elesevier	02
37.	Elements of Classical	A.B. Pippard	Cambridge	01

	Thermodynamics		University	
38.	Thermodynamics for Engineers	Michel A. Saad	Prentice-Hall India Pvt. Ltd.	02
39.	Thermodynamics for Engineers	Merle C. Potter & Craig W. Somerton	TMH	02
40.	The Principles of Thermodynamics	N.D. Hari Das	CRC Press	02
41.	Engineering Thermodynamics	P. Chattopadhyaya	Oxford University Press	03
42.	Engineering Thermodynamics	R.E. Dogan & J.B. Jones	Prentice-Hall India Pvt. Ltd.	03
43.	Engineering Thermodynamics	Rogers & Gorden	Pearson Education	02
44.	Computational Fluid Dynamics The Basics with Applications	John D. Anderson Jr.	TMH	02
45.	Computational Fluid Dynamics	T.J. Chung	Cambridge University	01
46.	Computational Methods for Fluid Dynamics	J.H. Ferziger & M. Peric	Springer	01
47.	Introduction to Computational Fluid Dynamics	Anil W. Date	Cambridge University Press	02
48.	An Introduction to Computational Fluid Dynamics	H.K. Varsteeg & W. Malalasekera	Pearson Education	02
49.	Design of Thermal Systems	W.F. Stoecker	TMH	03
50.	Elements of Thermal Fluid System Design	L.C. Burmeister	Prentice-Hall India Pvt. Ltd.	02

51.	Thermal Design & Optimization	Adrian Bejan	John Wiley & Sons, Inc.	01
52.	Power Plant Engineering	Black & Veatch	Springer	01
53.	Power Plant Engineering	P.K nag	TMH	05
54.	Power Plant Engineering	Raja, Srivastava & Dwivedi	New Age International Pvt. Ltd.	05
55.	Thermal Science & Engineering	D.S. Kumar	S.K. Kataria & Sons	05
56.	Power Plant Technology	M.M.EI-Wakil	TMH	02
57.	Power Plant Engineering	F.T. Morse & D.Van. Nostran	Newyork Publications	02
58.	Turbo-Machines	Valan Arasu	Vikas Publishing	05
59.	Fluid Mechanics, Thermodynamics of Turbo-Machinery	S.L. Dixon	Academic Press Elsevier	05
60.	Turbo-machinery performance analysis	R.I.Lewis	Academic press	02
61.	Fundamentals of Turbo-Machinery	B.K. Venkanna	PHI	05
62.	Gas Turbine Theory	H. Cohen & GFC Rogers	Pearson Education	05

63.	Principles of Turbo-Machinery (Indian edition)	Seppo A. Korpela	John Wiley & Sons, Inc.	01
64.	Principles of Turbo-Machinery	R.K. Turton	Springer	03
65.	Hydraulic Machine	K. Subramanya	TMH	05
66.	Fundamentals of Turbo- Machinery (Indian edition)	W. William	John Wiley & Sons, Inc.	01
67.	Hydraulic Machine: Turbines & Pumps	N.T. Nazarov	Springer	02
68.	Fuel Cells	Vladimir S. Bagotsky	John Wiley & Sons, Inc.	05
69.	Air-Conditioning & Refrigeration	Rex Miller & Mark R. Miller	TMH	02
70.	Air-Conditioning Engineering	W.P. Jones	Butterworth Heinemann	01
71.	Refrigeration & Air-Conditioning Technology (Indian edition)	Whitman , Johnson, Tomczyk & Silberstein	Cengage Learning	01
72.	Refrigeration & Air-Conditioning	W.F. Stoecker	TMH	02
73.	Refrigeration & Air-Conditioning	Hundy, Trott & Welch	Butterworth Heinemann	02
74.	Refrigeration & Air-Conditioning	Jorden & Priester	PHI	02
75.	Refrigeration & Air-Conditioning	V.K. Jain	TMH	02
76.	Air-Conditioning Principles & Systems	G. Pita Adward	Pearson Education	02
77.	Principle of Refrigeration	J. Roy Dossat	Pearson Education	02

### Electrical Engineering 2018

S.No	Books Name	Authors Name	Publication	Qty
1.	Electric machine	Kothari & nagrath	TMH	10
2.	Electric machinery	A.E. fitzerald C.kingsley jr and umans	MGH	02
3.	Power system stability and control	P.kundur	TMH	10
4.	Power system dynamics and control	Sauer and pai	Wiley pub	02
5.	Power generation and control	Wood and wollenburg	Wiley pub	02
6.	Electric machinery	P.S bhimbhra	Khanna pub.	10
7.	Electrical machines I & II	Husain ashfaq	Dhanpat rai	50+50
8.	Principles of power system	V.K.Mehta	S.chand	20
9.	Electric machine and transformers	Irving L.kosow	PHI	02
10	Electrical power system	C.L.wadhwa	New age	20
11	Power system analysis	J.J.grainger	MGH	10
12	Modern power system analysis	Nagrath Kothari	MGH	10

13	Electrical power distribution system	Kamaraju	MGH	05
14	Engineering optimization –theory and practice	Rao S.S	New age	05
15	Fundamentals of communication system	John G. proakis	Pearson	02
16	Communication system	P.ramakrishna	MGH	02
17	Communication system	Sanjay sharma		30
18	Wireless communication technology	Roy blake	Thomson	02
19	Digital control system	B.C.kuo	Oxford	02
20	Power system protection and switchgear	Badri.ram	Wiley	50
21	Fundamentals power system protection	Y.G. paithankar & S.R. bhide	PHI	02
22	Smart grid –infrastructure ,technology and solution	Stuart borlase	CRCpress	30
23	Electronics instrumentation and measurement	A.K.sawhney	Dhanpat rai	60
24	Modern power system	X.wang j.r. mc Donald	MGH	02
25	Electrical power system planning	A.S pabla	Machmillan	05
26	Power system analysis	Haad saadat	MGH	15
27	Renewable energy	Boyle	Oxford	02
28	Renewable energy and technology	V.V.N. Kishore	Teri	01
29	Renewable energy sources and conversion technology	N.K. bansal ,m.kleemann, m.hiliss	MGH	02
30	High voltage engineering	C.L.wadhawa	New age	40
31	Electric drive concepts and applications	V.subrahmanyam	MGH	02
32	Power system protection and switchgear	Oza	MGH	02
33	Understanding FACTS:IEEE press book	N.G.hingorani	IEEE press book	02
34	Non linear control system	Vidhyasagar		20
35	Distributed control system	M.Gopal	Person	10
36	Digital state variable control system	M.GOPAL	MGH	20
37	CIRCUIT THEORY	CHAKRABARTI	DHANPAT RAI	40
38	ANALOG ELECTRONICS I & II	MILLMAN	TMH	15+15
39	Microwave engineering II	Liao	pearson	30
40	Generation of electrical energy	Gupta	s.chand	20
41	Non conventional energy sources	G.D. rao	Khanna Pub	20
42	Optimization techniques	Jain & rawat	CBC	30
43	A textbook of analog electronics	J.B. Gupta	S.K. Kataria	20

## Mechanical Engineering 2018

S.No.	Books Name	Authors Name	Publication Name	Qty
1.	Design of machine elements I &II	V.B. bhandari	Dhanpat rai	30+30
2.	Manufacturing process I&II	P.N. rao	TMH	20+30
3.	Production technology	P.C. Sharma	S.chand	30
4.	Production Engineering	P.C. Sharma	S.chand	30
5.	Statistical Quality control	M.mahajan	Dhanpat rai	50
6.	Work shop technology II	Hajara choudhary	Media	20
7.	Automobile engineering I ,II	Kirpal singh	Standard Pub	50+30
8.	Design data handbook	Mahadevan	CBS	100
9.	Modern machining process	Pandey sahan	TMH	20
10.	Manufacturing science	Ghosh malik	EWP	20
11.	Mechanical Vibration	V.P Singh	Dhanpat rai	50
12.	Mechatronics	Bolton	Person	50
13.	Heat & mass transfer	D.S. Kumar	S.K. Kataria & sons	20
14.	Engineering Thermodynamics	R.K. Rajput	Laxmi Publications (P) Ltd.	05
15.	Gas Turbine	V. Ganesan	TMH	05
16.	Refrigeration & Air-Conditioning	Arora & Domkundwar	TMH	30
17.	A Text Book of Refrigeration & Air-Conditioning	R.S. Khurmi & J.K. Gupta	S. Chand	10
18.	Steam & Gas Turbine& Power Plant Engineering	R. Yadav	CPH Allahabad	50

## Civil Engineering 2018

S.NO	TITLE OF BOOK	PUBLISHER	AUTHOR	Qty
1.	Engineering Drawing	Charotar publications	N. D.Bhatt	10
2.	Building drawing	Charotar publications	V.B. Sikha	20
3.	Strength of materials	Dhanpat rai publications	S. Ramamratharn	20
4.	Mechanics of materials	CBS	Timoshenko & gere	02
5.	Strength of materials & mechanics of structure Vol-I,II	Laxmi publications	B.C. Punmia	20+20
6.	Mechanics of structures Vol-I,II	Charotar publications	S B Janakar & shah	20+20
7.	Strength of materials	Tata mchills (TMH)	S.S. Rattan	20
8.	Fluid mechanics	Laxmi publications	R.K. Bansal	30
9..	Civil engg materials	Charotar publications	S. Rangwala	40

10.	Building materials	S.K.Kataria & sons	Prabin singh	30
11.	Concrete technology	TMH	M.L. gambhir	05
12.	Building materials	New age international publishers	S. Duggal	30
13.	Construction equipment & management	Tata mchills(TMh)	R.L. purifoy	02
14.	Building construction	Charotar publications	S. rangwala	10
15.	Building construction	Laxmi publications	B.C. Punmia	25
16.	Engg geology	Khanna publications	S.K. Garg	15
17.	A text book of engg & General geology	S.K.Kataria & sons	Parbin singh	40
18.	Building drawing	Khanna publications	B.P. Verma	05
19.	Structural analysis	Dhanpat rai publications	S. ramamrathan	05
20.	Theory of structure-I,II	TMH	Pandit	05+05
21.	Theory of structure-I,II	Laxmi publications	B.C. Punmia	30+30
22.	Basic and applied soil mechanics	New age publications	Ranjan and rao	02
23.	Principles of geotechnical engg.	Cengage learning publications	Braja M. Das	02
24.	Surveying-I,II	Laxmi publications	B.C. Punmia	10+10
25.	Surveying-I,II	TMH	S.K. duggal	05+05
26.	Surveying-I,II	TMH	N.N. Basak	05+05
27.	Water supply engg. Vol. I	Khanna publications	S.K. Garg	30
28.	Waste water engg Vol. II	Khanna publications	S.K. Garg	30
29.	Environment engg	TMH	N.N. basak	05
30.	Solid waste management	Khanna publications	S.K. Garg	30
31.	Building design		Sipani	30
32.	Irrigation engg.	New age publiser	K. R. Arora	20
33.	Water resources engg.	Laxmi publications	B.C. Punmia	15
34.	Highway and Airport engg	New age publiser	Khanna & Jastu	30
35.	Railway engg.	S. chand	Saxena	25
36.	Steel structure	TMH	S.K. duggal	05
37.	Design of steel structure	Laxmi publications	B.C. Punmia	10
38.	Design of steel structure	I K international publisher	S.S. Bavigati	10
40.	Design of concrete structure-I,II	Charotar publications	H J shah	10+10

41.	Design of concrete structure	Laxmi publications	A.K. Jain	20
42.	Concrete structure	PHI publication	Krishna raju	10
43	Concrete technology	s.chand	Shetty	25
44.	Design of concrete structure	Laxmi publications	B.C. Punmia	20
45.	R.C.C.design	Laxmi	B.C. punmia	30
46.	Building planning & drawing	Charotar pub	Kumara swamy	35
47.	Estimating & costing in civei engearing	UBS Pub	D.N.dutta	20

## **M.Tech Software Engineering 2018**

<b>S.NO.</b>	<b>TITLE OF BOOK</b>	<b>AUTHOR</b>	<b>Publisher</b>	<b>Qty</b>
<b>1</b>	Software architecture perspectives on an emerging discipline	M.show	PHI	01
<b>2</b>	Software architecture in practices	Len bass ,paul clements	Pearson	05
<b>3.</b>	Building an optimizaing compiler	Robert morgan	<b>Elesvier</b>	02
<b>4</b>	Optimizaing compiler for modern architecture	Randy allen & ken kennedy	Morgan Kaufmann pub	01
<b>5.</b>	Randomized algorithms	Motwani & Raghavan	Cambridge university press	05
<b>6.</b>	Computer architecture : aquatitative approach	John L.hennessy,David A.patterson	The morgan Kaufmann-import 15 dec 2017	01
<b>7.</b>	Modern processor design :Fundamentals of superscalar processors	M.H. Lipasti	Indian ed.	01
<b>8.</b>	Essentials of electronic testing,mamory and mixed-signal VLSI	M.Bushnell ,vishwani aggrwal	Indian ed.	01
<b>9.</b>	Multithreaded processor design Indian ed.		Springer	01

## **MCA 2018**

<b>S.No</b>	<b>NAME OF BOOK</b>	<b>AUTHOR</b>	<b>Publisher</b>	<b>Qty</b>
1.	Pythom	T.Budd. Exploning Python	Tata Mcgraw Hill	15
2.	1.Cloud Computing Principal& Paradigm	Rajkumar Buyya,J Broberg, A Goscinsky	Wiley Publication	20
3.	Could Compu Bibleting	Barrie Sosinsky	Wiley Publication	05
4.	Undersatanding SOA Web Services	Eric Newcomer Grag lomow	Pearson	05
5.	Cloud Computing Concept Technologyand Architecture	Thomas erl	Prentice hall	10



6.	Server side Programming for Java	Dustine R Callway	Addison Wesley	05
7.	Java in a Nutshell	David Flangan	Orielly publication	05
8.	Mobile Application Security	Himanshu Dwivedi Chris Clerk, David thiel	Tata Mcgraw hill 1 <sup>st</sup> Edition 2010	05
9.	Professional Mobile application Deployment	Jeff Wherter and Scott Gowell	Wrox 2012	05
10.	Android in Practice	Charlie Collins, Micheal Galpin and Matthias kappler	Dream Tech 2012	05
11.	Beginning IOS 6 Development Exploringthe IOS SD	David Mark jack Nutting Jeff Lamarche and Frederic Olss	Apress 2013	02
12.	Android for Programmers An App Driven Approach	Paul Deitel ,Harvey Deitel Abbey Deitel,Machiel Mangono	Pearson 2013	02