

LEARNING AND INFORMATION RESOURCE CENTRE

MECH Sem III Books - Updated on July 2022

Subject	Title	Author	Publications	No.of Existing Books in the Library
Engineering Mathematics-III	Engineering Mathematics	Dr. B. S. Grewal	Khanna Publication	22
	Advanced Engineering Mathematics	Erwin Kreyszig	Wiley Eastern Limited	13
	Advanced Engineering Mathematics	R. K. Jain and S. R. K. Iyengar	Narosa publication	0
	Advanced engineering mathematic	H.K. Das, S.	Chand, Publications	2
	Higher Engineering Mathematics	B. V. Ramana	Tata Mc-Graw Hill Publication	6
	Complex Variables and Applications	Brown and Churchill	McGraw-Hill Education	9
	Text book of Matrices	Shanti Narayan and P K Mittal	S. ChandPublication	1
	Laplace transforms	Murray R. Spiegel	Schaum's Outline Series	2
Strength of Materials	Strength of Materials	Ryder	Macmillan	1
	Mechanics of Materials	James M. Gere and Barry J. Goodno	Cengage Learning, 6thEd, 2009	13
	Mechanics of Materials	Gere and Timoshenko	CBS 2nd Edition	3
	Elements of Strength of Materials	Timoshenko and Youngs	Affiliated East - West Press	1

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	Mechanics of Materials	Beer, Jhonston, DEwolf and Mazurek	TMHPvt Ltd., New Delhi	2
	Mechanics of Structures	S.B.Junnarkar	Charotar Publication	1
	Mechanics of Materials	S.S.Ratan	Tata McGraw Hill Pvt. Ltd	0
	Introduction to Solid Mechanics	Shames	PHI	1
	Strength of Materials	S. Ramamrutham	Dhanpat Rai Pvt. Ltd	7
	Strength of Materials	W.Nash, Schaum's Outline Series	McGraw Hill Publication, Special Indian Edition	1
	Strength of Materials	R. Subramanian	Oxford University Press, Third Edition 2016	6
Production Processes	Welding technology	O P Khanna		0
	Foundry technology	O P Khanna		0
	Elements of workshop technology. Vol. 1 & II	S K HajraChoudhury		Vol.I=5 & Vol.II=9
	Manufacturing Science	Ghosh and Malik		1
	Rapid Manufacturing – An Industrial revolution for the digital age	N.Hopkinson, R.J.M.Hauge, P M, Dickens	Wiley	0
	Rapid Manufacturing	Pham D T and Dimov	Springer Verlag	0
	Production Technology	WAJ Chapman Vol I, II, III		0

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	Production Technology	P C Sharma		0
	Production Technology	Raghuvanshi		0
	Industry 4.0: The Industrial Internet of Things	Alasdair Gilchrist	2016, Apress	0
	Cyber-Physical Systems: From Theory to Practice	Danda B. Rawat, Joel Rodrigues, Ivan Stojmenovic,	2015, C.R.C. Press	0
	Optimization of Manufacturing Systems using Internet of Things	Yingfeng Zhang, Fei Tao	2017, Academic Press (AP), Elsevier	0
Materials and Metallurgy	Callister's Materials Science and Engineering	R.Balasubramanium	Wiley India Pvt. Ltd 2nd edition	1
	Introduction to Materials Science for Engineers	James F. Shackelford	8th Edition Pearson	0
	Introduction to Physical Metallurgy, 2nd edition	Sidney Avner	TataMcGrawHill	2
	Mechanical Metallurgy, 3rd edition	GH Dieter	TataMcGraw Hill	2

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	Fundamentals of Materials Science and Engineering: An Integrated Approach, 5th Edition	William D. Callister, Jr., David G. Rethwisch	Wiley & Sons	0
	Materials Science and Engineering, 5th edition	V.Raghavan	Prentice Hall India	0
Thermodynamics	Thermodynamics: An Engineering Approach	Yunus A. Cengel and Michael A. Boles	9th edition TMH	4
	Basic Engineering Thermodynamics	Rayner Joel	5th edition, Longman Publishers	0
	Engineering Thermodynamics	P Chattopadhyay	2nd edition, Oxford University Press India	0
	Thermodynamics	P K Nag	6th Edition, TMH	13
	Thermodynamics	Onkar Singh	4th Edition New Age International	0
	Thermodynamics	C P Arora	1st Edition TMH	1
	Thermal Engineering	Ajoy Kumar, G. N. Sah	2nd Edition, Narosa Publishing house	0
	Engineering Thermodynamics Through Examples	Y V C Rao	Universities Press (India) Pvt Ltd	1
	Fundamentals of Thermodynamics	Moran & Shapiro	Eighth Edition, Wiley	0

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	Fundamentals of Classical Thermodynamics	Van Wylen G.H. & Sonntag R.E	9th Edition JohnWiley& Sons	1
	Thermodynamics	W.C. Reynolds	McGraw-Hill &Co	0
	Thermodynamics	J P Holman	4th Edition McGraw-Hill & Co	0
Skill Based Lab: CAD – Modeling	Machine Drawing	N.D. Bhatt.		4
	A textbook of Machine Drawing	Laxminarayan and M.L.Mathur	Jain brothers Delhi	0
	Machine Drawing	Kamat and Rao		0
	Machine Drawing	M.B.Shah		0
	A text book of Machine Drawing	R.B.Gupta, Satyaprakashan	Tech. Publication	0
	Machine Drawing	K.I. Narayana, P. Kannaiah, K.Venkata Reddy		1
	Machine Drawing	Sidheshwar and Kanheya		1
	Autodesk Inventor 2011 for Engineers and Designers	ShamTickoo and SurinderRaina	Dreamtech Press	0