

LEARNING AND INFORMATION RESOURCE CENTRE

MECH Sem IV Books - Updated on January 15<sup>th</sup> 2022

Subject	Title	Author	Publications	No.of Existing Books
Engineering Mathematics-IV(MEC401)	Higher Engineering Mathematics	Dr. B. S. Grewal	Khanna Publication	22
	Advanced Engineering Mathematics	Erwin Kreyszig	Wiley Eastern Limited	13=8th ed.(10);9th ed.(2);10th ed.(1)
	Advanced Engineering Mathematics	R. K. Jain and S. R. K. Iyengar	Narosa publication	0
	Vector Analysis	Murray R	Spiegel, Schaum Series	8
	Complex Variables and Applications,	Brown and Churchill	McGrawHilleducation	9
	Probability, Statistics and Random Processes	T. Veerarajan	McGrawHilleducation	24
Fluid Mechanics(ME C402)	Fluid Mechanics	Yunus A Cengel and John M Cimbala	Tata McGraw Hill Education, 3rd Edition, 2014	2
	Fluid Mechanics and Machinery	C S P Ojha, Chandramouli and R Berndtsson	Oxford University Press, 1st Edition, 2010	0
	Fox and McDonald's Introduction to Fluid Mechanics	Philip J. Pritchard and John W. Mitchell	Wiley Publishers, 9th Edition,2016	1
	A textbook of Fluid Mechanics	R K Bansal	Laxmi Publication, 1st Edition 2015	6

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	Fluid Mechanics	Frank M. White	McGraw Hill Education, 7th Edition, 2011	1
	Fluid Mechanics	Victor Streeter, Benjamin Wylie and K W Bedford	McGraw Hill Education, 9th Edition, 2010	2
	Engineering Fluid Mechanics	K. L. Kumar	Eurasia Publishing House (P) Ltd 1st Edition and Reprint 2016.	1
	Introduction to Fluid Mechanics	James A. Fay	MIT Press, Cambridge, 1st Edition, 1996	0
	Fluid Mechanics and Hydraulics	Suresh Ukarande	Ane Books Pvt.Ltd, Revised & Updated 1st Edition, 2016	1
Kinematics of Machinery (ME C403)	Theory of Machines	S.S. Rattan	Tata McGraw Hill	8
	Theory of Mechanisms and Machines	Ghosh and A.K. Mallik	East-West Press	2
	Theory of Machines and Mechanism	J.J. Uicker, G.R. Pennock, and J.E. Shigley	Oxford Higher Education	1
	Theory of Machines	P.L. Ballaney	Khanna Publishers	2
	Mechanics of Machinery	M.A. Mostafa	CRC Press	0
	Kinematics and Dynamics of Machinery	R.L. Norton	McGraw Hill	2
	Mechanism Design: Analysis and Synthesis Vol I	A.G. Erdman, G.N. Sander, and S. Kota	Pearson	1

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CAD/CAM(ME C404)	CAD/ CAM, Theory & Practice	Ibrahim Zeid, R. Sivasubramanian	Tata McGraw Hill Publications	5
	CAD/CAM Principles and Applications	P. N. Rao	Tata McGraw Hill Publications	0
	CAD/CAM Computer Aided and Manufacturing	Mikell P. Groover and Emory W. Zimmers, Jr	Eastern Economy Edition	7
	CNC Technology and Programming	Krar, S., and Gill, A	McGraw Hill Publishers	0
	Medical Modelling The Application of Advanced Design and Rapid Prototyping Techniques in Medicine	Richard Bibb, Dominic Eggbeer and Abby Paterson	Woodhead Publishing Series in Biomaterials: Number 91, Elsevier Ltd	0
	Additive Manufacturing Technologies: Rapid Prototyping to Direct Digital Manufacturing,	I. Gibson I D. W. Rosen I B. Stucker,	Springer Publication.	1
	Rapid Prototyping and Manufacturing	P. F. Jacobs	Society of Manufacturing Engineers	0
	Advanced Machining and Manufacturing Processes	Kaushik Kumar DivyaZindani, J. Paulo Davim	Springer International Publishing	0
Industrial Electronics(ME C404)	Power Electronics	M.H. Rashid	Prentice-Hall of India	4
	Power Electronics	P S Bhimbra		14(6th Edition)
	Power Electronics	VedamSubramanyam	Age International	1
	Power Electronics	Ned Mohan, Undeland, Robbins	John Wiley Publication	2nd Edi 03, 3rd 04 copies
	Electronic Devices and Circuits	Robert Boylestad and	Prentice-Hall	4th Edi=01,6t

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		Louis Nashelsky		h Edi=20, 8th Edi=10,9t h Edi,01, 10th Edi=17,11 th Edi=40 (Total:89)
	Industrial Electronics and Control	S K Bhattacharya, S Chatterjee	TTTI Chandigarh	12
	Modern Digital Electronic	Jain R P	Tata McGraw Hill, 1984	(1984)- 01, 2nd Edi=14, 3rd Edi=10,4t h Edi=61 Total=86
	Digital principal and Application	Malvino and Leach	Tata McGraw Hill, 1991	31
	Fundamentals of Microcontrollers and Embedded System	Ramesh Gaonkar	PENRAM	12
	MSP430 Microcontroller Basics	John H. Davies	Newnes; 1 edition 2008	0
Python Programming(MEL403)	Core Python Programming	Dr. R. NageswaraRao	Dreamtech Press	35
	Programming through Python	M.T.Savaliya and R.K.Maurya	StarEdu Solutions	0
	Beginning Python: Using Python 2.6 and Python 3.1.	James Payne	Wrox publication2.	10
	Any digital resources and online guides for python or its packages.	<a href="http://docs.python.org/release/3.0.1/tutorial/">http://docs.python.org/release/3.0.1/tutorial/</a>		-
Skill based Lab: CNC and 3-D Printing(MESB L401)	CAD/CAM Principles and Applications	P. N. Rao	Tata McGraw Hill Publications	0
	CNC Technology and Programming	Krar, S., and Gill, A	McGraw Hill Publishers	0

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	CNC Programming for Machining	Kaushik Kumar, ChikeshRanjan , J. Paulo Davim	Springer Publication	0
	Medical Modelling The Application of Advanced Design and Rapid Prototyping Techniques in Medicine	Richard Bibb, Dominic Eggbeer and Abby Paterson	Woodhead Publishing Series in Biomaterials: Number 91, Elsevier Ltd	0
	Biomaterials, artificial organs and tissue engineering	Edited by Larry L. Hench and Julian R. Jones,	Woodhead Publishing and Maney Publishing, CRC Press 2005	0
	Additive Manufacturing Technologies: Rapid Prototyping to Direct Digital Manufacturing,	I. Gibson I D. W. Rosen I B. Stucker,	Springer Publication.	1
	Rapid Prototyping and Manufacturing	P. F. Jacobs	Society of Manufacturing Engineers	0