

# Government College of Engineering, Yavatmal

## Department of Mechanical Engineering

### Required List of Books for Sesion 2022-23

S.No.	Title of Book	Author	Publication	No of Copies
1	Mechatronics (HMT Limited)	HMT Limited,	Tata McGraw Hill Publications	5
2	Mechatronics; Electronic Control System in Mechanical Engineering	W. Bolton	Pearson Education Asia	5
3	Automatic Control Engineering	Raven	Tata McGraw Hill Publications, New York	10
4	A textbook of Mechatronics	R. K. Rajput	S. Chand and Co., 2007	10
5	Introduction to Mechatronics and Measurement Systems	Michael B. Hestand, David G. Alciatore	Tata McGraw Hill International Editions	10
6	CAD/CAM Theory and Practice	Ibrahim Zeid	Tata McGraw Hill Publication	10
7	CAD/CAM/CIM	M. P. Grover, Zimmer	Prentice Hall India	15
8	CNC Machining Handbook	James Madison,	Industrial Press Inc	3
9	CNC Machining and Programming: An Introduction	Gibbs and Crandell	Industrial Press Inc	5
10	Non Traditional Manufacturing Processes	Gary F. Benedict		3
11	Hydraulics and Fluid Mechanics including Hydraulic Machines	P. N. Modi, S. M. Seth,	Standard Book House, Rajsons Publications Pvt. Ltd.	10
12	A Text Book of Fluid Mechanics and Hydraulic Machines	R. K. Bansal	Lakshmi Publications Pvt. Ltd.,	10
13	Modern Production/Operations Management	E. S. Buffa, R. K. Sarin	John Wiley and Sons, New York, International Edition,	5
14	Industrial Engineering and Management: A New Perspective”	P. E. Hicks,	Tata McGraw Hill Book Co., Singapore, International Edition,	5
15	Manufacturing Organization and Management	H. T. Amrine, J. A. Ritchey, C. L. Moodie, J. F. Kmec	Pearson Education	10
16	Introduction to Work Study	International Labour Organization (ILO)	International Labour Office, Geneva	5
17	Introduction to Finite Elements in Engineering	T. R. Chandrupatla, A.D. Belegundu	Prentice Hall of India Pvt. Ltd.,	10
18	A Textbook of Finite Element Analysis	P. Sheshu	Prentice Hall of India Pvt. Ltd., New Delhi	15
19	Finite Element Procedures	K. J. Bathe	Prentice Hall of India Pvt. Ltd.	5
20	Materials, Coatings, and Surface Treatments	B. Bhushan, B. K. Gupta,	Tata McGraw Hill Publications.	3
21	Volume 16: Machining	ASM Handbook,	ASM International	2
22	Principles of Refrigeration and Air Conditioning	Arora, C.P.	Tata McGraw Hills, New Delhi	15

23	Principles of Refrigeration and Air Conditioning	Stoeker, W.F. and Jones, J.P.,	McGraw Hill, New York	5
24	ASHRAE Handbook – Fundamentals and Equipment,			2
25	ASHRAE Handbook – Applications,			2
26	Refrigeration and Air Conditioning	Jord R.C., and Priester, G.B	Prentice - Hall of India Ltd., New Delhi,	5
27	Thermal Environmental Engineering	Threlkeld, J.L	Prentice Hall, New York,	5
28	Datum Principles: Flexible Parts: Applications for Automotive Body in-White and Interior Trim (Dimensional Management Series Book 1)	Curt Larson	Right Tech, Inc., Kindle Edition.	2
29	Datum Principles: Flexible Parts: Applications for Automotive Body in-White and Interior Trim (Dimensional Management Series Book 2)	Curt Larson	Right Tech, Inc., Kindle Edition.	2
30	Sheet Metal Forming Processes and Die Design	Vukato Boljanovic	Industrial press Inc., Kindle Edition.	3
31	CAD/CAM Theory and Practice	IbrahimZeid	TataMcGrawHillPublication,	10
32	Automation, Production Systems and Computer-Integrated Manufacturing	Mikell P. Grover	Pearson Education, New Delhi.	10
33	CAD/CAM/CIM	P. Radhakrishnan & S. Subramanyan	Willey Eastern Limited New Delhi.	15
34	Machine tool design,	N. K. Mehta,	Delhi	10
35	Product Design for Manufacturing and Assembly	Geoffrey Boothroyd, Peter Dewhurst and Winston Knight,		2
36	Modern Welding Technology	C. Howard	Prentice Hall,	2
37	Product Lifecycle Management,	Grieves, Michael,	McGraw-Hill	10
38	Product Lifecycle Management: Paradigm for 21st Century Product Realization,	Stark, John.	Springer Verlag	3
39	Engineering Economics	PanneerSelvam R,	Prentice Hall of India Ltd, New Delhi,	10
40	Contemporary Engineering Economics	Chan S. Park	Prentice Hall of India,	10
41	Engineering Economics and analysis	Donald G. Newman, Jerome P. Lavelle	Engineering Press, Texas,	5
42	Intellectual property right: Unleashing the knowledge economy	Prabuddha Ganguli	Tata McGraw Hill Publishing Company Ltd.	3
43	Law related to patents, Trademarks, Copyrights, Designs and Geographical indications	B. L. Wadhera,	Universal law Publishing Pvt. Ltd., India	3

44	Law of copyright and Industrial Designs	P. Narayanan	Eastern Law house, Delhi	3
45	Wind Energy Systems	Garg L. Johnson	Prentice Hall Inc., New Jersey	5
46	Wind Energy: Theory and Practice	S. Ahmad	Prentice Hall of India Pvt. Ltd.	5
47	Knowledge Management	Sudhir Warier	Vikas Publications.	5
48	Leading with Knowledge	Madanmohan Rao	Tata McGraw Hill Publications	5
49	Industrial Energy Conservation	D.L. Reeg	Pergamon Press	2
50	Solar Energy	S.P. Sukhatme	Tata Mc Graw Hill Publications	5
51	Introduction to Computational Fluid Dynamics	A. W. Date	Cambridge University Press	5
52	Computer Simulation of Fluid flow and heat transfer	P.S. Ghoshdastidar	Tata McGraw-Hill.	2
53	Industrial Robotics: Technology, Programming and Applications	M. P. Grover	Tata Mc Graw Hill Publication.	5
54	Machine Tool Design	N. K. Mehta	Tata McGraw Hill Book Co.	5
55	A Textbook of Machine Tools and Tool Design	P.C. Sharma	S. Chand & Co. Ltd.,	5
56	Mechanical Vibrations	S. S. Rao	Pearson education.	2
57	Design of machine Elements	V. B. Bhandari	Tata McGraw Hill Publications, New Delhi	10
58	Basic and Applied Thermodynamics	P. K. Nag,	Tata McGraw Hill Publications	10
59	Internal Combustion Engines	Sharma and Mathur,	Tata McGraw Hill Publications.	5
60	Product design and development.	Eppinger, S., & Ulrich, K.	McGraw-Hill Higher Education.	5
61	Renewable Energy Technologies	Chetan singh Solanki,	Prentice Hall of India.	5
62	Automobile Engineering-Vol.I and II,	Kripal Singh,	Standard Publishers.	5
63	Automobile Engineering	G.B.S.Narang,“	,Dhanpat Rai and Sons	5
64	Bearing Systems, Principles and Practice	F. T. Barwell	Oxford University Press.	3
65	Steam and Gas Turbine	R. Yadav	Central Publishing Home, Allahabad.	5
66	A Text book On Heat Transfer	S. P. Sukhatme	Tata McGraw-Hill Publications	5
67	Numerical Methods	E. Balagurusamy	Tata McGraw Hill Publications	5
68	India and Human Rights: Reflections	Shastry, T. S. N.,	Concept Publishing Company India (P Ltd.)	5
69	Material Science Engineering	V. Raghvan	Prentice Hall of India Ltd.	5
70	Material Science and Metallurgy for Engineers	V. D. Kodgire, S.V. Kodgire	Everest Publishing House, Pune	5