



GOVERNMENT COLLEGE OF ENGINEERING, NAGPUR

NAAC Accredited Institute, Grade B++, CGPA 2.93

Sector-27, Mihan Rehabilitation Colony Khapri, Nagpur – 441 108 (M.S.)

“To be an Institution of National Repute Creating Globally Competent Technocrats to Serve the Society”

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Date : 22 DEC 2025

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With reference to the subject cited above sealed quotations are invited for the supply of Books as per conditions mentioned below. Your quotation shall reach on or before 02/01/2026.

1. **Mention your maximum discount rate respectively for (1) Indian Text / Reference books and (2) International Text/Reference books separately. Tentative list of books is enclosed. Publisher wise discount rate will not considered.**
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Encl. – List of Books (1 to 8)

05/01/2026
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Department of Science and Humanities

List of Books

Prapatra - 1

Sr. No.	Name of Books	Author	Publication
1	Entrepreneurial Development	S.S.Khanna	S.Chand & Co.Ltd.New Delhi
2	Entrepreneurial Development	S.Anil kumar	New Age International
3	Entrepreneurship Development	Monica Loss, F.L.Bascunan	Global Academic Publishers & Distri.
4	Small-Scale Industries and Entrepreneurship	Dr.Vasant Desai	Himalaya Publications
5	Human Values and Professional Ethics	R.R.Gaur, R.Sangal	Excel Books Publishers
6	Professional Ethics & Human Values	M.Govindrajan, S.Natarajan	Prentice Hall India(PHI)
7	Human Society in Ethics and Politics	Bertrand Russel	Routledge Publication
8	Indian Ethos and Modern Management	B.L.Bajpai	New Royal Book Bo.Lucknow
9	Essence of Human Values	A.N.Tripathi	New Age International
10	Jeevan Vidya	A.N.Tripathi	New Age International
11	Human Values	Prof.A.Alavudeen, R.Kalil Rahman	Laxmi Publications
12	How to win Friends and Influence People	Dale Carnegie	Gallery Books
13	Communication Skills in English	Dr.K.J.P.N.Reddy, Dr.M.Sujatha	Neelkamal Publication
14	Mastering Essay Answer Writing	Dr.Awdhesh Singh	Disha Publications
15	The Contemporary English Grammer	David Green	Mcmillian Ind.



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List of Books

Prapatra - 1

Sr. No.	Name of Books	Author	Publication
16	Practical English Usage	Michal Swan	Oxford Publications
17	Function in English	J.Randell	Oxford Publications
18	Solid State Physics	M.A.Wahab	Alpha Science Publications
19	Quantum Mechanics	G.Arul Das	Prentice Hall India(PHI)
20	Engineering Chemistry	S.S.Dara, S.S.Umare	S.Chand & Co.Ltd.New Delhi
21	Analytical Chemistry	Gurdeep R.Chatwal	Himalaya Publishing House
22	Nanotechnology	Thomas Varghese, K.M.Balakrishna	Atlantic Publishers & Distributers (P) Ltd.
23	Nanotechnology, Fundamentals and	Manasi Karkare	I.K.International Publishing House Pvt.Ltd. New Delhi
24	Engineering Chemistry Lab Manual	S.S.Dara,	S.Chand & Co.Ltd.New Delhi
25	Psychology: The study of human behaviour	Braj kumar Mishra	PHI learning limited, Delhi
26	Green computing Approach towards sustainable	M. AfsharAlam, Sapna Jain, Hena	Wiley Interscience Publications
27	Engineering Chemistry : Fundamental and Applications	Sakshi Agrawal	Cambridge University press
	Supercapacitors and their Applications	Anjali Paravandoor Biaju K. V.	CRC Press

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Prapatra - 1

Sr. No.	Name of Books	Author	Publication
1	Lectures on Differtial Equations	T.M. Karode	Sonu Nilu Publication
2	Linear Algebra	Vivek sahai & Vikas Bist	Narosa Publication
3	Introduction to Real Analysis	Robert Bartie , Donald Sherbert	Willey Publicatio
4	Methods of Real Analysis	Richard R. Goldberg	Oxford & IBH publication co. pvt
5	Integration and differential euations	T.M. Karode ,Maya S. Bendre	Sonu Nilu Publication
6	Differential and Integral Calculus	N. Piskunov	Peace Publisher Moscow
7	Calculus	Ayres F. Jr.	Schaum's Outline series - McGraw
8	Differential Equations Equations	Richard Bronson	McGraw Hill's Inc 1973
9	An Introduction to Real Analysis	P-K-Jain and S.K. Kaw	S. Chand & Co.Ltc New Delhi
10	Topics in Algebra	I. N. Hartstein	Wiley Eastern Ltd.
11	Introduction to Topology and Modern Analysis	G. F. Simmons	McGraw Hills. International Edition
12	An Introduction to Linear Algebra	V krishnamurthi, V. P	East West Press put Ltd.
13	Introductory methods of Numerical Analysis	s.s. Shastry	Prentice Hall of India
14	engineers MATLAB a quick introduction to scientist &	Rudra Pratap	Oxford University Press Inc
15	Basics & Sage Math- Mathematics (Practical)	Varun Kumar	
16	Introduction to Scilab:A mathematical Tool	Dr.Jitendra Singh Jogendra Singh	Columbia sc USA
17	Numerical Methods for Enginee	McGraw Hills	Chapra

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CIVIL ENGINEERING

प्रपत्र - 1

Sr. No.	Name of books	Author	Publication
1	Urban Infrastructure Historical & Social Dimension of an Interconnected world	Joseph Heathcott, Jonathan Soffer & Rae Zimmerman	Univ. of Pittsburgh press
2	Urban Infrastructure & Governance	G. Ramesh, Vishnuprasad Nagadevara, Gopal Naik, Anil B. Suraj	Routledge India
3	Effective Technical Communication	Barun K. Mitra	Oxford University press
4	Communication Skills	Sanjay Kumar & Pushp Lata	Oxford University press
5	Essential of Bridge Engineering	D. J. Victor	Oxford IBH
6	Concrete Bridge Practice	V. K. Rajra	Tata Mcgraw Hill
7	Urban Transportation in India	M. K. Agrawal	Allied Publishers
8	Public Transit Planning & alteration	G.E. Grey & L. A. Hoel	Elsevier Ltd.
9	Design of Steel Structure	Arya Aajmani	Nem Chand & Brothers
10	Soil Mechanics	J. A. Knappette & R. F. Craig	CRC Press 8 th Edition
11	Construction Planning & Management	K. S. Rangwala	Charotar Publishing
12	Advanced Surveying, Total Station, GPS, GIS & Remote Sensing	Gopisatiesh, R. Sathikumar, N. Madhu	Pearson
13	Rehabilitation of Concrete Structure	Dr. B. Vidivelli	Standard Publication Distributors
14	Concrete Structures Repair, Rehabilitation & Retrofitting	J. Bhattacharjee	CBS Publishers and Distributors
15	Digital Land Surveying & Map	P. K. Garg	New age Interna
16	Vastushastra in Modern Context	Dr. Anand Bharadwaj	
17	Environmental Science & Engineering	Suresh K. Dhameja	
१८	Basics of Structural Dynamics and Aseismic Design	S. R. Damodarsamy, S. Kavita	PHI

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ELECTRICAL ENGINEERING

Sr. No.	Name of Books	Author	Publication
1	Power System Engineering	DP Kothari IJ Nagrath	Tata McGraw-Hill
2	Modern Control System	M Gopal	New Age International
3	Digital Control by M Gopal	M Gopal	Tata McGraw-Hill
4	Course In Electrical and Electronic Measurement Instrumentation	Ak Sawhney	Dhanpat Rai And Sons
5	Principle Of Electrical Machine Design	RK Agrawal and SK Kataria	S. Chand
6	Electrical Machines	PS Bhimra	Khanna Publication
7	Electrical Power System	Ashfaq Hussain	CBS
8	Fundamentals Of Power System Protection	Y. G. Paithankar/ S. R. Bhide	Phi Learning, Pvt Lmt
9	Power System Protection & Switchgear	DN Vishwakarma, Badri Ram, Soumy R Mohanty	Tata McGraw-Hill
10	Basic Electrical and Electronics Engineering	Kothari	Tata McGraw-Hill
11	Basic Electrical and Electronics Engineering	Muthusubramanian	Tata McGraw-Hill
12	Solar Energy	Sukhatme	McGraw-Hill Education
13	Engineering Circuit Analysis	Hayt	McGraw-Hill Education
14	Design of Analog CMOS Integrated Circuits	Razavi	McGraw-Hill Education
15	Power Electronics	Singh-Khanchandani	McGraw-Hill Education

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MECHANICAL ENGINEERING

Sr. No.	Name of Books	Author	Publication
1	Machine Drawing	N.D. Bhatt	Charotar
2	Manufacturing Science	Amitabh Ghosh Ashok Kumar Malik	EWP
3	Heat Transfer	R.K. Rajput	-
4	Refrigeration & A/C	Domkundwar	-
5	Dynamics of Machine	V. Jaykumar	Laxmi Publication
6	Dynamics of Machine	Antony T	Paperback edition
7	Dynamics of Machine	Anup Goel	Technical Publication
8	Theory of Machines & Mechanism	Vicker / Pennock /Shingley	Oxford University Press
9	Kinematics and Dynamics of machinery	R.L. Norton	McGraw Hill Education
10	Industrial Engineering and Management	O.P. Khanna	Dhanpat Rai Publication
11	Industrial Engineering and Management	B. Kumar	Khanna Publication
12	Industrial Engineering and Management	A.P. Verma	S.K. Kataria
13	Operation Management an International Perspectives	David Barnes	Bloomsburry / Red Globepress
14	Factory Physics Foundation Manufacturing Management	Wallace Hopp Mark Spearman	Standard Mfg / Operation Literature
15	Fluid Mechanics	Piyush Kundu	Academic Press/Elsevier
16	Fluid Mechanics and Thermodynamics of Turbomachinery	Dixon, Hall	Butterworth-Heinemann
17	Design of Machine Element	V.B. Bhandari	Mc Graw Hill
18	Machine Design	Khurmi & Gupta	S. Chand
19	Basic Mech (AICTE) Engg.	M.P. Poonia and S.C. Sharma	Khanna Publishing House
20	Mechanical Engg.	R.K. Bansal	Laxmi Publication
21	A Text Book of Fluid Mechanics & Hydraulic Machine	R.K. Bansal	Laxmi Publication
22	Ref Book of I.C. Engine	V. Ganesan	Mc Graw Hill

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7

LIST OF BOOKS REQUIRED FOR ALL SEMESTER

NAME OF DEPARTMENT : ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Sr. No	Name of Books	Author	Publication
1	SIGNALS AND SYSTEM	NAGRATH,SHARAN,RANJAN ,KUMAR	TMH
2	GETTING STARTED WITH MATLAB	RUDRA PRATAP	OXFORD UNIVERSITY
3	ELECTROMAGNETICS WITH APPLICATIONS	John D. Kraus, Daniel Fleisch	TMH
4	PRINCIPLES OF ELECTROMAGNETICS	S C Mahapatra, Sudipta Mahapatra	TMH
5	8051 MICROCONTROLLER AND EMBEDDED SYSTEM	M.A.MAZIDI AND J.G. MAZIDI	TMH
6	PROGRAMMING AND INTERFACING OF 8086/8088	D.V.HALL	TMH
7	Advanced Microprocessors and Peripherals	A K Ray and K M Bhurchundi	TMH
8	ELECTRONIC COMMUNICATION SYSTEMS	KENNEDY AND DEVIS	TMH
9	ELECTRONICS COMMUNICATION	DENNIS RODDY	PHI
10	OPTICAL FIBER COMMUNICATION	P Chakrabarti	TMH
11	Digital signal processors	Venkatramani bhaskar	TMH
12	Digital Signal Processing	S K Mitra	TMH
13	Monochrome & Color TV	Gulati	New Age International Publications
14	Television and video Engineering	A M Dhake	TMH
15	Color TV Theory and Practice	S.P. Bali	TMH
16	Video Demisified	Kelth Jack	Penram
17	Fundamentals of Digital Logic with VHDL design	-Stephen Brown, Zvonko Vranesic-	TMH
18	Digital System Design Using VHDL	Charles H. Roth	McGraw Hill Publications
19	"MEMs",	Nitaigour Premchand Mahalik	McGraw Hill Publications
20	Analog VLSI signal and information processing",	Mohammed Ismail, Terri, Fiez	McGraw Hill ,1994.
21	"Microwave Devices and Circuits",	S.Y. Liao,	Prentice Hall India
22	"Principles of Radar Engineering",	Skolnik,	McGraw Hill Publications
23	Data Communications and Networking"	Behrouz A. Forouzan	4th Edition, Tata McGraw Hill
24	Embedded Systems	Rajkamal	TMH
26	Artificial Intelligence	Elaine Rich and Kevin Knight	Tata McGraw- Hill

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Computer Engineering

Computer Science Engineering

ISBN	AUTHOR	TITLE	Ed
9781259029981	Khemani	A First Course in Artificial Intelligence	1
9789355325525	Dasgupta	Algorithms	1
9789354601590	Gopal	Applied Machine Learning	2
9789389949162	Shetty	Augmented Reality	1
9789353167950	Maheshwari	Big Data	2
9789353164966	Raj Kamal	Big Data Analytics	1
9789355321305	Forouzan	C++ Programming	1
9789355324900	Forouzan	Computer Network: A Top Down Approach	1
9789355323729	Hamacher	Computer Organization and Embedded Systems	6
9789352604166	Balagurusamy	Computing Fundamentals & C Programming	2
9781259006111	Balasubramaniam	Cracking the IT Interview	2
9789353163303	Kahate	Cryptography and Network Security	4
9789355324559	Maheshwari	Data Analytics	2
9789352605248	Acharya	Data Analytics using R	1
9789355320940	Forouzan	Data Communications and Networking	6
9789354600333	Thareja	Data Science and Machine Learning in R	1
9789364443012	Balagurusamy	Data Structures using C	2
9789390727506	Silberschatz	Database System Concepts	7
9789390727353	Rosen	Discrete Mathematics and its Applications	8
9780070616783	Veerarajan	Discrete Mathematics, with Graph Theory and Combinatorics	1
9789353168025	Raj Kamal	Embedded Systems	4
9780070141605	Balagurusamy	Fundamentals of Computers	1
9789353168049	Bhattacharya	Human Computer Interaction	1
9789385880568	Bose	Information Theory, Coding and Cryptography	3
9789390727384	Raj Kamal	Internet of Things	2
9789352602582	Balagurusamy	Introduction to Computing and Problem Solving using Python	1
9789355321442	Patt	Introduction to Computing Systems	3
9789339219680	Shibu	Introduction to Embedded Systems	2
9789355329509	Buyya	Mastering Cloud Computing	2
9789390219322	Williams	MCQ's in Computer Science	6
9789364444675	Sahni	Nano Computing	1
9781259006166	Kumar	Neural Networks	2
9789389949186	Balagurusamy	Object Oriented Programming with C++	8
9789390113026	Kamthane	Programming and Problem Solving with Python	2
9789355326720	Balagurusamy	Programming in ANSI C	9
9789351343189	Balagurusamy	Programming in C#	4
9789355325891	Balagurusamy	Programming with Java	7
9789353168001	Biswas	Python Programming	1
9789352604555	Rakshit	R for Beginners	1
9789353160661	Kaushik	Soft Computing	1
9789355325044	Pressman	Software Engineering: A Practitioner's Approach	9
9789387432673	Rajani	Software Testing	2
9780070702042	Kumar	Theory of Automata Languages & Computation	1
9780070635463	Das	Unix Concepts and Applications	4
9789364440820	Singh	Artificial Intelligence and Machine Learning	1
9789355328250	Shandilya	Cyber Security	1
9789364448772	Thareja	Data Science and Machine Learning Using Python	2

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