



OFFICE OF THE PRINCIPAL
GOVERNMENT POLYTECHNIC JAGATSINGHPUR
At: Jamugaon, Block: Naugaon, Jagatsinghpur, Odisha-754107
Website: www.gpjagatsinghpur.ac.in, Email: principalgpjpspur@gmail.com

No. 686 /Date 07.08.2025

Quotation Call Letter

Sealed quotations are invited from different publishers / authorised dealers / Book Sellers having up to date GST Clearance, TIN number, PAN etc. for supply of library books for the diploma engineering curriculum. They should quote the maximum discount that can be offered on books of different publishing houses.

The sealed quotations with all the terms and conditions should reach the office of the undersigned on or before **14th August 2025 by 3.30P.M.** by post or by hand. The quotations will be opened on the same day at 4.00 P.M in presence of the bidders or their representatives present if any. The cover containing the quotations should be super-scribed "QUOTATION FOR LIBRARY BOOKS". Quotations received after the due date and time will be rejected.

The books ordered have to be delivered at the Library of the institute and payment will be released after the verification of the books supplied. The undersigned reserves the right to cancel any or all of the quotations without assigning any reason thereof.


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Memo No. 687⁽⁶⁾ /Dt. 07.08.2025

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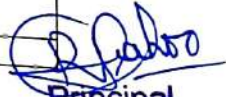

7-8-25
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GOVERNMENT POLYTECHNIC
JAGATSINGHPUR

p-1/15

Govt. Polytechnic, Jagatsinghpur
Department of Mechanical engineering

Sl. No	Semester	Title of the Book	Requirement of book list in library	
			Author	Publication
1	3rd	Manufacturing Technology	P N Rao	Tata McGraw-Hill
2	3rd	Elements of workshop Technology (Volume I & II)	S. K. Hajra Chaudary, Bose & Roy	Media Promoters and Publishers Limited
3	3rd	Production Technology (Volume I & II)	O. P. Khanna & Lal,	Dhanpat Rai Publications.
4	3rd	Fundamental of metal cutting and machine tools	B. L. Juneja	New age international limited.
5	3rd	Manufacturing Technology, Metal Cutting & Machine tools	P N Rao	Tata McGraw-Hill
6	3rd	Strength of Materials	D.S. Bedi	Khanna Book Publishing Co. (P) Ltd., Delhi, 2017
7	3rd	Strength of Materials	B.C.Punmia	B.C.Punmia, Ashok Kumar Jain & Arun Kumar Jain, Laxmi Publications, New Delhi, 2013
8	3rd	Strength of Materials	R.S. Khurmi	S.Chand Company Ltd. Delhi
9	3rd	Material Science	GBS Narang	Khanna Publishers, New Delhi
10	3rd	Material Science	R.K.Rajput	Lakshmi Publication, New Delhi
11	3rd	Material Science	R.S.Khurmi, R.S.Sedha	S.Chand, Publication
12	3rd	Material Science and Metallurgy	D.S.Nutt	S.K, Katariya and Sons, New Delhi
13	3rd	Material Science and Engineering	V.Raghavan-EEE Edition	Prentice Hall, New Delhi
14	3rd	Fluid Mechanics and Hydraulic Machines	R K Bansal	Laxmi Publications, New Delhi.
15	3rd	Fluid Mechanics and Hydraulic Machines	S S Ratan	Khanna Publishing House, New Delhi.
16	3rd	Hydraulics and fluid mechanics including Hydraulic machines	P N Modi and S N Seth	Standard Book House, New Delhi
17	3rd	Hydraulics and Fluid Mechanics	Jagadish Lal	Metropolitan Book
18	3rd	Fluid Power with Applications	Anthony Esposito	Pearson Education Limited.
19	3rd	Hydraulic, fluid mechanics and fluid machines	S. Ramamrutham	Dhanpat Rai and Sons, New Delhi.
20	3rd	Introduction to Renewable Energy	Vaughn Nelson	CRC Press
21	3rd	Thermal Engineering	P. L. Ballaney	Khanna Publishers, 2002
22	3rd	A Course in Thermal Engineering	S. Domkundwar & C.P. Kothandaraman	Dhanpat Rai.
23	3rd	Thermal Engineering	R. S. Khurmi and J.K. Gupta, 18th Edition	S. Chand & Co, New Delhi.
24	3rd	Thermal Engineering –	R. K. Rajput, 8th Edition	Laxmi publications Pvt Ltd, New Delhi.
25	3rd	Thermodynamics: An Engineering Approach	Y A Cengel, M A Boles, M Kanoglu	McGraw-Hill Education
26	4th	Mechanical measurements	Beckwith Marangoni and Lienhard	Pearson Education
27	4th	Principles of Industrial instrumentation and control systems	Channakesava. R. Alavala	DELMAR cenage learning, 2009.
28	4th	Principles of Engineering metrology	Rega Rajendra	Jaico publishers, 2008
29	4th	Dimensional Metrology	Connie Dotson	DELMAR, cenage learning, 2007
30	4th	Instrumentation measurement and analysis	B.C. Nakara, K.K. chaudary second edition	Tata cgraw Hill, 2005.
31	4th	A text book of Engineering metrology	I.C. Gupta	Dhanpat Rai and Sons, New Delhi, 2005


Principal
Govt. Polytechnic
Jagatsinghpur

p- 2/15

32	4th	Metrology for Engineers	J.F.W. Galyer and C. R. Shotbolt	ELBS
33	4th	Engineering Metrology	K. J. Hume	Kalyani publishers
34	4th	CAD, CAM, CIM	P. Radhakrishnan and S. Subramanyan	New Age International Publishers.
35	4th	Computer Integrated Manufacturing	Paul G. Rankey	Prentice Hall
36	4th	Robotics Technology and Flexible Automation	S.R. Deb	TMH
37	5th	Theory of machines	S.S. Rattan	Tata McGraw-Hill publications
38	5th	Theory of machines	R.K. Bansal	Laxmi publications
39	5th	Theory of machines	R.S. Khurmi & J.K. Gupta	S.Chand publications.
40	5th	Dynamics of Machines	J B K Das	Sapna Publications
41	5th	Theory of machines	Jagdishlal	Bombay Metro – Politan book Ltd
42	5th	Machine Design	Sadhu Singh	Khanna Book Publishing Co., Delhi
43	5th	Machine Design Data Book	Sadhu Singh Revised Edition	Khanna Book Publishing Co., Delhi
44	5th	Introduction to Machine Design	V.B. Bhandari	Tata Mc- Graw Hill, New Delhi
45	5th	Mechanical Engineering Design	Joseph Edward Shigley	Tata Mc- Graw Hill, New Delhi
46	5th	Machine design	Pandya & Shah	Dhanpat Rai & Son, New Delhi
47	5th	Machine design	R.K. Jain	Khanna Publication, New Delhi.
48	6th	Automobile Engineering Vol I & II	Kirpal Singh	Standard Publishers
49	6th	Automobile Engineering	R.B. Gupta	Satya Prakashan
50	6th	Modern Automotive Technolog	James E. Duffy	Goodheart-Willcox Pub
51	6th	Electric and Hybrid Vehicles: Design Fundamentals	Iqbal Husain	CRC Press
52	6th	Electric Vehicle Technology Explained	James Larminie and John Lowry	Wiley
53	6th	Internal Combustion Engines	M.L. Mathur & R.P. Sharma	Dhanpat Rai Publications


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Govt. Polytechnic Jagatsinghpur
Department Of Chemical Engineering

p- 3/15

Sl. No.	Semester	Text Book	Author	PUBLICATION
1	3 rd	HEAT AND MASS TRANSFER	R.K RAJPUT	S.Chand
2	3 rd	MECHANICAL OPERATION	ANUP SWAIN, HEMALATA PATRA, G K ROY	McGraw Hill Education
3	3 rd	CHEMICAL ENGINEERING THERMODYNAMICS	K.V NARAYAN	Prentice Hall India Learning Private Limited
4	4 th	UNIT OPERATION-II	K A GAVHANE	Nirali Prakashan
5	3 rd	STOCHIOMETRY	K A GAVHANE	Nirali Prakashan
6	5 th	CHEMICAL REACTION ENGINEERING-I	K A GAVHANE	Nirali Prakashan
7	3 rd	UNIT OPERATION-I	K A GAVHANE	Nirali Prakashan
8	5 th	OUT LINES OF CHEMICAL TECHNOLOGY	M GOPAL RAO, MARSHALL SITTIG	East-West Press
9	6 th	CHEMICAL REACTION ENGINEERING	OCTAVE LEVENSPIEL	Wiley India
10	5 th	ELEMENTS OF CHEMICAL REACTION ENGINEERING	H SCOTT FOGLER	Prentice Hall
11	3 rd	THERMODYNAMICS: AN ENGINEERING APPROACH	YUNUS A CENGEL	McGraw Hill Education
12	5 th	INTRODUCTION TO CHEMICAL ENGINEERING	WL BADGER, JULIUS T BANCHERO	McGraw Hill Education
13	6 th	MODERN PETROLEUM REFINING PROCESS	B K BHASKAR RAO	OXFORD & IBH
14	6 th	ELEMENTS OF PETROLEUM REFINERY ENGINEERING	OP GUPTA	Khanna Publishers
15	6 th	PETROLEUM REFINING TECHNOLOGY	DR RAM PRASAD	Khanna Publishers
16	4 th	HEAT TRANSFER	K A GAVHANE	Nirali Prakashan


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Department of Math & Sc.
Requirement of Books as per new Syllabus

P. 415

1 st Year (Both 1 st & 2 nd Semester)				
Sl.	Semester	Name of Book	Author	Publisher
1.	1 st	Introduction to IT System with lab manual.	Prashant Joshi	Khanna Books Publication
2.	1 st	English and Communication Skills-II	Dr. Azam Eqbal	Khanna Books Publication
3.	1 st	Effective Communication Skills	Kulbhushan Kumar	Khanna Books Publication
4.	1 st	Applied Physics-I with Lab manual	Mina Talati Vinod Kumar Yadav	Khanna Books Publication
5.	1 st	Mathematics-I	Dr. Deepak Singh	Khanna Books Publication
6.	2 nd	Mathematics-II	Dr. Garima Singh	Khanna Books Publication
7.	2 nd	Fundamentals of Electrical and Electronics Engineering.	Prof. Susan S. Mathew	Khanna Books Publication
8.	2 nd	Engineering Mechanics	Prof. Bhankhar Bharat Gokaldas	Khanna Books Publication
9.	2 nd	Applied Mechanics	R.S Khurmi N Khurmi	S. Chand & Co. New Delhi
10	2 nd	Environmental Science	Dr. Subrat Roy	Khanna Books Publication
11	2 nd	Applied Chemistry	Dr. Anju Rawley	Khanna Books Publication
12		Ayodhya Alliance	Ashwin Sanghi	Bharat Series
13		Ancient History	S. Panigrahi	Pearson Publication
14		Quick Mathematics	Bsc Publication	
15		Atomic Habits	Jems Clear	


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p-5/15

Department of Civil Engineering

Sl No.	Semester	Title of the Book	Author	Publication
1	3rd	Building Construction	Ghose, D. N	Tata McGraw Hill, New Delhi.
2	3rd	Building Construction	S.K. Sharma, Civil Engineering Construction Materials	Khanna Publishing House, Delhi
3	3rd	Building Construction	Varghese, P.C., Building Materials	PHI learning, New Delhi.
4	3rd	Building Construction	Rangwala, S.C., Engineering Materials	Charator publisher, Ahemdabad.
5	3rd	Building Construction	Somayaji, Shan, Civil Engineering Materials	Pearson education, New Delhi.
6	3rd	Building Construction	Rajput, R.K, Engineering Materials	S. Chand and Co., New Delhi.
7	3rd	Building Construction	Sood H., Laboratory Manual on Testing of Engineering Materials	New Age Publishers, NewDelhi.
8	3rd	Building Construction	Sharma C. P., Engineering Materials	PHI Learning, New Delhi.
9	3rd	Building Construction	Duggal, S. K. Building Materials	New International, New Delhi.
10	3rd	Building Construction	S. P. Arora and Bindra., Building Construction	Dhanpat Rai Publication, Delhi.
11	3rd	Building Construction	Sushil Kumar., Building Construction	Standard Publication.
12	3rd	Building Construction	Rangawala, S. C., Building Construction	Charotar Publication, Anand.
13	3rd	Building Construction	Punmia B. C., and Jain A. K., Building Construction	Firewall Media.
14	3rd	Building Construction	Sharma S. K., Building Construction	S. Chand and Co. Pvt. Ltd., New Delhi.
15	3rd	Building Construction	Janardan Zha, Building Construction	Khanna Publication.
16	3rd	Building Construction	Bhavikatti S. S., Building Construction	Vikas Publication House Pvt. Ltd., Delhi.
17	3rd	Building Construction	Mantri S., A to Z Building Construction	Satya Prakashan, New Delhi.
18	3rd	Building Construction	L.R. Kadiyali, Transportation Engineering	Khanna Book Publishing Co.,Delhi (ISBN: 978-93-82609-858) Edition 2018
19	3rd	Building Construction	Khanna S.K., Justo, C E G and Veeraragavan, A., Highway Engineering	Nem Chand and Broth-ers, Roorkee.
20	3rd	Building Construction	Arora, N. L., Transportation Engineering	Khanna Publishers, Delhi.
21	3rd	Building Construction	Saxena S C and Arora S P, A Textbook of Railway Engineering	Dhanpat Rai Publication.
22	3rd	Building Construction	Birdi, Ahuja, Road, Railways, Bridge and Tunnel Engg	Standard Book House, New Delhi.
23	3rd	Building Construction	Sharma, S.K., Principles, Practice and Design of Highway Engineering	S. Chand Publication, New Delhi.
24	3rd	Building Construction	Duggal, Ajay K. and Puri, V. P., Laboratory Manual in Highway Engineering	New Age Interna-tional (P) Limited, Publishers, New Delhi.
25	3rd	Building Construction	Subramanian, K.P., Highway, Railway, Airport and Harbour Engineering	Seitech Publications, Hyderabad.

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p-6/15

26	3rd	Building Construction	Bedi D.S., Strength of Materials	Khanna Publishing House, Delhi, Ed. 2018
27	3rd	Building Construction	Timoshenko, S., Strength of Materials	Vol. I, CBS, New Delhi.
28	3rd	Building Construction	Khurmi, R.S., Strength of Materials	S Chand and Co. Ltd. New Delhi.
29	3rd	Building Construction	Ramamurtham, S. Strength of Materials	Dhanpat Rai and sons, New Delhi.
30	3rd	Building Construction	Punmia B C, Strength of Materials	Laxmi Publications (p) Ltd. New Delhi.
31	3rd	Building Construction	Rattan S.S., Strength of Materials	McGraw Hill Education; New Delhi.
32	3rd	Building Construction	Bansal R K, Strength of Materials	Laxmi Publications.
33	3rd	Building Construction	Subramaniam R, Strength of Materials	Oxford University Press.
34	3rd	Building Construction	Gambhir, M.L., Concrete Technology	Tata McGraw Hill Publishing Co. Ltd., Delhi.
35	3rd	Building Construction	Shetty, M.S., Concrete Technology	S. Chand and Co. Pvt. Ltd., Ram Nagar, Delhi.
36	3rd	Building Construction	Santhakumar, A. R., Concrete Technology	Oxford University Press, New Delhi.
37	3rd	Building Construction	Neville, A. M. and Brooks, J.J., Concrete Technology	Pearson Education Pvt. Ltd.
38	3rd	Building Construction	Sood, H., Kulkarni P. D., Mittal L. N., Laboratory Manual in Concrete Technology	CBS Publishers, New Delhi.
39	3rd	Building Construction	Punmia, B.C., Soil Mechanics and Foundation Engineering	Laxmi Publication. Delhi.
40	3rd	Building Construction	Murthy, V.N.S., A text book of soil mechanics and foundation Engineering	CBS Publishers & Distributors Pvt. Ltd., New Delhi.
41	3rd	Building Construction	Ramamurthy, T.N. & Sitharam, T.G., Geotechnical Engineering (Soil Mechanics)	S Chand and Company LTD., New Delhi.
42	3rd	Building Construction	Raj, P. Purushothama, Soil Mechanics and Foundation Engineering	Pearson India. New Delhi.
43	3rd	Building Construction	Kasamalkar, B. J., Geotechnical Engineering	Pune Vidyarthi Griha Prakashan, Pune.
44	3rd	Building Construction	Arora K R, Soil Mechanics and Foundation Engineering	Standard Publisher.
45	4th	Building Construction	Modi, P. N. and Seth, S.M., Hydraulics and Fluid Mechanics	Standard book house. Delhi.
46	4th	Building Construction	S.S. Rattan, Fluid Mechanics & Hydraulic Machines	Khanna Book Publishing Co., New Delhi
47	4th	Building Construction	Ramamrutham, and Narayan, R., Hydraulics, Fluid Mechanics and Fluid Machines	Dhanpat Rai Publishing Company, New Delhi.
48	4th	Building Construction	Khurmi R S, Hydraulics, Fluid Mechanics, Hydraulic machines	S. Chand Publishers
49	4th	Building Construction	Rajput, R K, Fluid Mechanics	S Chand, New Delhi.
50	4th	Building Construction	Ojha, C S P, Berndtsson, R, and Chandramoulli P. N., Fluid Mechanics and Machinery	Oxford Uni- versity Press, New Delhi.
51	4th	Building Construction	Punmia, B.C., Pande, B, Lal, Irrigation and Water Power Engineering	Laxmi Publications
52	4th	Building Construction	Subramanayan, Engineering Hydrology	McGraw Hill.

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 Jagatsinghpur

P- 7/19

53	4th	Building Construction	Mutreja K N, Applied Hydrology	McGraw Hill
54	4th	Building Construction	Sharma, R.K. and Sharma, T.K., Irrigation Engineering	S.Chand
55	4th	Building Construction	Basak, N.N., Irrigation Engineering	McGraw Hill Education
56	4th	Building Construction	Asawa, G.L., Irrigation and water resource Engineering	New Age
57	4th	Building Construction	Dahigaonkar, J.G., Irrigation Engineering	Asian Book Pvt. Ltd., New Delhi.
58	4th	Building Construction	Garg, S K, Irrigation and Hydraulic Structures	Khanna Publishers, Delhi.
59	4th	Building Construction	Priyani V.B., Irrigation Engineering	Charotar Book Stall, Anand.
60	4th	Building Construction	Ramamrutham, S., Theory of structures	Dhanpatrai & Sons.
61	4th	Building Construction	Khurmi, R. S., Theory of Structures	S. Chand and Co., New Delhi.
62	4th	Building Construction	Bhavikatti, S. S., Structural Analysis Vol-1	Vikas Publishing House Pvt Ltd. New Delhi.
63	4th	Building Construction	Junnarkar, S. B., Mechanics of structures Volume-I and II	Charotar Publishing House, Anand.
64	4th	Building Construction	Pandit, G.S. and Gupta, S.P., Theory of Structures	Tata McGraw Hill, New Delhi.
65	4th	Building Construction	Agor R, Structural Analysis	Khanna Publishing House, Delhi.
66	4th	Building Construction	Datta, B.N., Estimating and Costing in Civil engineering	UBS Publishers Distributors Pvt. Ltd. New Delhi.
67	4th	Building Construction	Peurifoy, Robert L. Oberlender, Garold, Estimating construction cost (fifth edition)	McGraw Hill Education, New Delhi.
68	4th	Building Construction	Anand, Birdie, G.S., Estimating and Costing	Dhanpat Rai Publishing Company(P) Ltd. New Delhi.
69	4th	Building Construction	Rangwala, S.C., Estimating and Costing	Charotar Publishing House PVT. LTD.
70	4th	Building Construction	Patil, B.S., Civil Engineering Contracts and Estimates	Orient Longman, Mumbai.
71	4th	Building Construction	Chakraborti, M., Estimating and costing, specification and valuation in civil engineering	Monojit Chakraborti, Kolkata.
72	4th	Building Construction	PWD Schedule of Rates, Ministry of Road Transport and Highways (MORT&H) Specifications and Analysis of Schedule of Rates.	PWD Schedule of Rates, Ministry of Road Transport and Highways (MORT&H) Specifications and Analysis of Schedule of Rates.
73	4th	Building Construction	Manual of Specifications and Standards for DBFOI projects	EPC works.
74	4th	Building Construction	Shah, M.G. Kale, C.M. Patki, S.Y., Building Drawing	Megraw Hill Publishing company Ltd. New Delhi.
75	4th	Building Construction	Malik and Mayo, Civil Engineering Drawing	Computech Publication Ltd New Asian Publishers, New Delhi.
76	4th	Building Construction	M. G. Shah and C. M. Kale, Principles of Perspective Drawing	Megraw Hill Publishing company Ltd. New Delhi.
77	4th	Building Construction	Swamy, Kumara; Rao, N, Kameshwara, A., Building Planning and Drawing	Charotar Publication, Anand.
78	4th	Building Construction	Bhavikatti, S. S., Building Construction	Vikas Publication House Pvt. Ltd., New Delhi.
79	4th	Building Construction	Mantri, Sandip, A to Z Building Construction	Satya Prakashan, New Delhi.

(Signature)

Govt Polytechnic
Jagat Singhpur

P- 8/15

80	4th	Building Construction	Singh, Ajit. Working with Auto CAD 2000	Mcgraw Hill Publishing company Ltd. New Delhi.
81	4th	Building Construction	Sane, Y.S., Planning and design of Building	Allied Publishers, New Delhi.
82	4th	Building Construction	Krishna Raju, N., Pre-stressed Concrete	Tata McGraw Hill, New Delhi.
83	4th	Building Construction	Shrikant B. Vanakudre. Prestressed Concrete	Khanna Publishing House, New Delhi
84	4th	Building Construction	Marzuki, Nor Ashikin. Pre Cast and Pre Stress Technology	Process, Method and Future Technology.
85	4th	Building Construction	Indian Concrete Institute	Createspace Independent Publication.
				Handbook on Precast Concrete buildings.
86	4th	Building Construction	Lin, T.Y., Design of Pre-Stressed Concrete Structures	John Wiley and Sons, New York Nagarajan.
				Pravin., Pre-stressed Concrete Structures, Pearson Education India
87	4th	Building Construction	BIS, New Delhi. IS 12592 Precast Concrete Manhole Cover and Frame	BIS, New Delhi
88	4th	Building Construction	BIS, New Delhi. IS 15658 Precast concrete blocks for paving - Code of Practice	BIS, New Delhi
89	4th	Building Construction	BIS, New Delhi. IS 15916 Building Design and Erection Using Prefabricated Concrete - Code of Practice	BIS, New Delhi
90	4th	Building Construction	BIS, New Delhi. IS 15917 Building Design and Erection Using Mixed Composite Construction - Code of Practice	BIS, New Delhi.
91	4th	Building Construction	BIS, New Delhi. IS 458 Precast Concrete Pipes (with and without reinforcement) — Specification	BIS, New Delhi
92	4th	Building Construction	Sharma S C and Deodhar S V, Construction Engineering and Management	Khanna Book Publishing, New Delhi
93	4th	Building Construction	Gahlot, P.S. and Dhir, B.M Construction planning and management	New Age International (P) Ltd. Publishers, New Delhi.
94	4th	Building Construction	Shrivastava, U.K., Construction planning and management	Galgotia Publication Pvt Ltd, New Delhi
95	4th	Building Construction	Mantri, S., The A To Z of Practical Building Construction and its Management	Satya Prakashan New Delhi
96	4th	Building Construction	Khanna, O.P., Industrial Engineering and management	Dhanpat Rai New Delhi
97	4th	Building Construction	Punmia, B.C. and Khandelwal, K.K	Project Planning and Controlling with PERT And CPM.
				Tata-McGraw Hill.
98	4th	Building Construction	Sengupta, B., Guha H., Construction Management and Planning	Mc-Graw Hill.
99	4th	Building Construction	Harpal, Singh, Construction Management and accounts	Khanna Publications, New Delhi
100	4th	Building Construction	Sharma, S.C., Industrial Engineering and Management	Oxford and IBH Publishing Co. Pvt. Ltd.
101	4th	Building Construction	Madhoh Rao A G. and Ramachandra Murthy, D S. Appropriate Technologies for low cost Housing	

(Signature)

Civil, Polymers & Jyoti Ghosh

p. 9/15

102	4th	Building Construction	CHRI, Roorkee, Advances in Building Materials and Construction, Himalaya Publishing House, Delhi.	CHRI, Roorkee, Advances in Building Materials and Construction.
103	4th	Building Construction	Wide Vision, Jaipur.	Desai, Vasant, Rural Development in India: Past, Present and Future : a Challenge in the Crisis, Himalaya Publishing House, Delhi.
104	4th	Building Construction	Sage Publications India Pvt Ltd.	Rastogi, A.K. Rural Development Strategy, Wide Vision, Jaipur.
105	4th	Building Construction	Mittal Publications, Delhi.	Singh, Katar, Rural Development Principles, Policies and Management, Sage Publications India Pvt Ltd.
106	4th	Building Construction	Govt. of India, Ministry of Rural development	Gaur, Keshav Dev, Dynamics of Rural Development, Mittal Publications, Delhi.
107	4th	Building Construction	CBS Publishers & Distributors Pvt. Ltd., New Delhi	Document Published by Ministry of Rural development, Govt. of India, Ministry of Rural development
108	4th	Building Construction	New Central Book Agencies	Gahlot, P. S., Sharma, S., Building Repair and Maintenance Management, CBS Publishers & Distributors Pvt. Ltd., New Delhi
109	4th	Building Construction	Newnes-Butterworth	Guha, P. K., Maintenance and Repairs of Buildings, New Central Book Agencies
110	4th	Building Construction	Relevant BIS codes	Hutchin Son, B. D., Maintenance and Repairs of Buildings, Newnes-Butterworth
111	4th	Building Construction	Khanna Book Publishing Co., Delhi Ed. 2018	Relevant BIS codes
112	4th	Building Construction	Indian National Scientific Documentation Centre, New Delhi.	Gupta O.P, Elements of Solid Hazardous Waste Management, Khanna Book Publishing Co., Delhi Ed. 2018
113	4th	Building Construction	McGraw Hill Publication, New Delhi.	Bhide, A. D., Solid Waste Management, Indian National Scientific Documentation Centre, New Delhi.
114	4th	Building Construction	PHI learning, Delhi.	George Teehobanoglous, Kreith, Frank., Solid Waste, McGraw Hill Publication, New Delhi.
115	4th	Building Construction	New Age International Publisher.	Sasikumar, K., Solid Waste Management, PHI learning, Delhi.
116	4th	Building Construction		Hosetti, B.B., Prospect and Perspectives of Solid Waste Management, New Age International Publisher.

[Signature]
 Date: _____
 Page: _____

p-10/15

117	4th	Building Construction	Structures Publications, Pune.	Shah, V. L., and Gore, V., Limit State Design of Steel Structures, Structures Publications, Pune.
118	4th	Building Construction	S. Chand and Company, New Delhi.	Dayarathnam, P., Design of Steel Structures, S. Chand and Company, New Delhi.
119	4th	Building Construction	Oxford University Press.	Subramanian N., Design of Steel Structures, Oxford University Press.
120	4th	Building Construction	Pearson Publication, Chennai, Delhi.	Sairam, K.S., Design of Steel Structures, Pearson Publication, Chennai, Delhi.
121	4th	Building Construction	Structures Publications, Pune.	Shah, V. L., and Karve, S.R., Limit State Theory and Design of Reinforced Concrete Structures, Structures Publications, Pune.
122	4th	Building Construction	S. Chand & Co.,	Sinha N.C., and Roy S.K., Fundamentals of Reinforced Concrete, S. Chand & Co.,
123	4th	Building Construction	New Age International, Mumbai.	Krishna Raju, and N.Pranesh, R.N., Reinforced Concrete Design Principles and Practice, New Age International, Mumbai.
124	4th	Building Construction	McGraw Hill	Pillai, S.U., and Menon, Devdas, Reinforced concrete Design, McGraw Hill
125	4th	Building Construction	Prentice Hall India Learning Private Limited, Delhi.	Varghese, P. C., Limit State Design of Reinforced Concrete, Prentice Hall India Learning Private Limited, Delhi.


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p-11/13

GOVERNMENT POLYTECHNIC, JAGATSINGHPUR
ELECTRICAL ENGINEERING DEPARTMENT
REQUIREMENT OF BOOKS AS PER REVISED SYLLABUS

Sl. No	Semester	Name of the Book	Author	Publisher
1	3rd	Generation of Electrical Energy	B.R. Gupta	S. Chand & Co. New Delhi.
2	3rd	A Course in Electrical Power	J.B. Gupta	S.K. Kataria and Sons, New Delhi.
3	3rd	A Course in Electrical Power	Soni, Gupta, Bhatnagar	Dhanpat Rai and Sons
4	3rd	Electrical Technology - (Vol.- 1)	B L Theraja	S. Chand
5	3rd	Network Analysis and Synthesis	B.R.Gupta	S. Chand
6	3rd	Electric Measurements and Measuring Instruments	A. K. Sawhney	Dhanpat Rai & Co.
7	3rd	Electrical Technology	Edward Hughes	Pearson Education, New Delhi.
8	3rd	Electrical and Electronic Measurement and Instrumentation	R.K. Rajput	S.Chand and Co. New Delhi.
9	3rd	Electrical and Electronic Measurement and Instrument	J. B. GUPTA	S. K. Kataria & Sons.
10	3rd	Electrical Measurements and Measuring Instruments	N.V. Suryanarayna	S.Chand and Co., New Delhi.
11	3rd	Circuits and Networks: Analysis and Synthesis	A. Sudhakar and Shyammohan S. Palli	Tata McGraw Hill
12	3rd	Network Analysis	M. E. Van Valkenburg	Prentice Hall of India
13	3rd	Electric Circuit Theory	, Chattopadhyay, Rakshit	S. Chand & Co
14	3rd	Engineering Circuit Analysis	W. H. Hayt, J. E. Kemmerly, and S. M. Durbin	McGraw Hill
15	3rd	Electrical Machines	S.K. Bhattacharya	McGraw Hill Education, New Delhi.
16	3rd	Principles of Electrical Machines	V.K. Mehta, and Rohit Mehta	S. Chand and Co.Ltd., New Delhi.
17	3rd	Electrical Technology Vol-II (AC and DC machines)	B.L. Theraja	S. Chand and Co. Ltd., New Delhi.
18	3rd	Electrical Machines Theory and Practice	M.N. Bandyopadhyay,	PHI Learning Pvt. Ltd., New Delhi.
19	3rd	DC Machines and Transformers	K. Murugesh Kumar	Vikas Publishing House Pvt Ltd


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p-12/15

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REQUIREMENT OF BOOKS AS PER REVISED SYLLABUS

20	3rd	Fundamental Concepts In Environmental Studies	D.D.Mishra	S. Chand
21	3rd	From Sunlight to Electricity: a practical handbook on solar photo voltaic application	Deambi, Suneel	TERI, New Delhi
22	3rd	Renewable Energy Systems	David M. Buchla, Thomas E. Kissell, Thomas L. Floyd	Pearson Education New Delhi, ISBN:9789332586826,
23	3rd	Renewable Energy Sources and Emerging Technologies,	D.P. Kothari, K.C. Singal & Rakesh Ranjan	PHI Learning, New Delhi, ISBN:-978-81-203-4470-9
24	3rd	Programming in C	Balgurusamy	Tata MGH
25	3rd	MATLAB and Simulink for Engineers	Agam Kumar Tyagi	OXFORD Higher Education
26	3rd	Fundamentals of Electric circuits	Charls K Alexender & Mathew N O Sadiku	Tata McGraw Hill
27	4th	Electrical Technology Vol. - II	B L Theraja	S. Chand
28	4th	Electrical Technology Vol. - II	J. B. GUPTA	S. K. Kataria & Sons,
29	4th	Electric Machines	D.P. Kothari and I.J. Nagrath	TMH
30	4th	Principles Of Electronics	V.K Mehta	S. Chand
31	4th	Electric Machines	P.S. Bimbhra	Khanna Book Publishing Co., New Delhi
32	4th	Special Electrical Machines	E. G Janardanan	Prentice Hall India, New Delhi.
33	4th	Special Purpose Electrical Machines	S. K, Sen	Khanna Publishers, New Delhi.
34	4th	Electronic Devices And Circuits	R.S. Sedha	S. Chand
35	4th	A Textbook of Electrical Technology Vol. III	B.L Theraja, A.K. Theraja	S.Chand and Co. New Delhi
36	4th	Principles of Power System	V.K. Mehta	S. Chand and Co. New Delhi
37	4th	A Course in Power Systems	J.B. Gupta	S.K. Kataria and sons, New Delhi
38	4th	Utilization of Electric Power & Electric Traction	G.C. Garg	Khanna Book Publishing Co., New Delhi
39	4th	Electrical and Electronic Measurement and Instrument	R.K. Rajput	S. Chand

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P-13/15

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40	4th	Design and Testing of Electrical Machines	Deshpande. V.	PHI Learning Pvt. Ltd., 2010.
41	4th	Preventive Maintenance of Electrical Apparatus	Sharotri, S. K. Glencoe	Mcgraw- Hill; 2nd Edition
42	4th	Control Systems Engineering	I. J. Nagrath and M. Gopal	New Age International (P) Limited, Publishers
43	4th	Modern Control Engineering	Katsuhiko	Ogata Prentice Hall of India Pvt. Ltd
44	4th	Sensors and Transducer	Patranabis.D	Wheeler publisher, 1994
45	4th	Transducers and Instrumentation	Murthy, D.V.S.,	PHI, New Delhi
46	4th	Instrument Transducers	Newbert, H. K.	Oxford University Press
47	4th	Electrical Design Estimating and Costing	K.B. Raina, S. K. Bhattacharya	New Age International Publisher
48	4th	Electrical Estimating and Costing	B. Singh, Surjit Ravi Deep Singh	Dhanpat Rai and Sons
49	4th	A Course in Electrical Installation Estimating and Costing	J.B. Gupta	S.K. Kataria and Sons
50	4th	Electrical Power Systems (Generation, Transmission, Distribution, Protection and Utilization of Electrical Energy)	Dr. S.L. Uppal	Khanna Publishers
51	4th	Electrical Engineering Drawing	C R Dargan	Asian Publisher
52	4th	Laboratory Courses In Electrical Engineering	S.G. Tarnekar	S. Chand
53	4th	Basic Electronics: A Text-Lab Manual	Paul Zbar	S. Chand
54	4th	Power Electronics	P S. Bimbhra	Khanna Publishers
55	4th	An Introduction to Thyristors and their applications	M. Ramamoorthy	East-West Press Pvt. Ltd., New Delhi.
56	4th	Fundamentals of Power Electronics	S.K. Bhattacharya	Vikas Publishing House Pvt. Ltd. Noida
57	4th	Power Electronics Circuits Devices and Applications	Muhammad Rashid	Pearson Education India, Noida
58	4th	Getting Started with MATLAB: A Quick Introduction for Scientists & Engineers	Rudra Pratap	Oxford

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p-14/15

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59	5th	Electrical Machines	Ashfaq Husain	Dhanpat Rai & Co.
60	5th	Electrical Machines	S.K. Bhattacharya	TMH
61	5th	Microprocessor architecture programming and applications with the 8085	Ramesh S Gaonkar	Prentice Hall
62	5th	Microprocessor and Microcontrollers	Krishna Kant	Eastern Company Edition, Prentice Hall of India, New Delhi, 2007
63	5th	Microprocessor Architecture, Programming and Applications with the 8085	B. Ram	Dhanpat Rai & Co
64	5th	Digital Design	M. Morris Mano and Michael D. Ciletti	Pearson
65	5th	Digital Electronics	R K Gour	
66	5th	Fundamentals of Digital Electronics	A. Anand Kumar	PHI
67	5th	Digital Electronics	B.R. Gupta and V. Singhal	S K KATARIA
68	5th	Utilization Of Electrical Energy	E I Taylor	TMH
69	5th	Energy Technology	O.P. Gupta	Khanna Publishing House, New Delhi
70	5th	Energy Management	Singh, Sanjeev; Rathore, Umesh.	S K Kataria&Sons.New Delhi ISBN-13:9789350141014
71	5th	Utilization of Electric power and traction	Gupta J.B	S. K. Kataria and Son
72	5th	Art and Science of Utilization of Electrical Energy	Partab H	Dhanpat Rai and Co
73	5th	Modern Electric Traction	Partab H	Dhanpat Rai and Co
74	5th	Switchgear and Protection	Rao. Sunil S.,	Khanna Publishers, New Delhi
75	5th	Switchgear and Power System Protection	Singh, R. P.	PHI Learning, New Delhi, ISBN: 978-81-203-3660-5.
76	5th	Switchgear and Protection	Gupta. J. B.,	S. K. Kataria and Sons, New Delhi
77	5th	Efficient Use and Management of Electricity in Industry	Desai, B. G.; Rana, J. S.; A. Dinesh, V.; Paraman, R.,	Devki Energy Consultancy Pvt. Ltd.

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P-13/15

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78	5th	Programmable Logic Controllers	Dr. M Mitra & Dr. S Sengupta	Penram publisher
79	5th	Electronic Lab Primer	Sasikala	S. Chand
80	5th	The ACE of Soft Skills: Attitude, Communication and Etiquette for Success	Gopalaswamy Ramesh	Pearson
81	5th	The essence of Leadership	S. Manikutty: Bloomsbury	
82	5th	Digital Electronics	M Morris Mano	Pears and Publisher
83	6th	A Course in Electrical Installation Estimating and Costing	J.B. Gupta	S K KATARIA & Sons
84	6th	Electric Estimating And Costing	Surjit Singh	Dhanpat Rai & Co
85	6th	Introduction to the Constitution of India	D. D. Basu	Lexis Nexis: Twenty-third 2018 Edition
86	6th	Protection and Switchgear	S. Raghuraman	SCITECH
87	6th	The Constitution of India	B. L. Fadia	Sahitya Bhawan, New Edition (2017)
88	6th	Ethics and Politics of the Indian Constitution; ;	Rajeev Bhargava	Oxford University Press, New Delhi, 2008
89	6th	Non-conventional Energy Sources And Utilisation	R.K. Rajput	S. Chand
90	6th	Project Management	Harry-Maylor	Peason Publication
91	6th	Project Management	Gopala krishnan	Mcmillan India Ltd
92	6th	Non-Conventional Energy Resources	B. H. Khan	Tata McGraw Hill


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