Form PPIM-1B [Para 1.17(ii)]

NATIONAL INSTITUTE OF TECHNOLOGY GOA -403401

(Form to be used for purchases above Rs.2.5 lakh)

Open Tender Enquiry

Enquiry No: NITGOA/OT/LIBRARY/2022-23/OW/414

Mate: 12/12/2022

(Complete e-Tender documents are available on NIT GOA website http://nitgoa.ac.in/ and CPP Portal and Corrigendum, if any, shall only be available on above websites.)

Enquiry No: NITGOA/OT/LIBRARY/2022-23/OW/414

Dated:- 2/12/2022

Date	Time	
	an a sa ang-1 Sha	
06/01/2023	11:00 AM	
06012023	12:00 PM	
10 01 2023	10:00 AM	
	- 06/01/2023 06/01/2023	

Dear Sir,

We intend to purchase the books specified below and invite quotations in accordance with the terms and conditions detailed in the bid document. If you are interested, kindly send your offer through ofline mode with prices and complete terms within the time mentioned above.

The tender documents are available on:-

1. Institute web site of NIT GOA.

2. CPPP Portal.

Yours sincerely,

nde.

Registrar National Institute of Technology Goa

Encl.:

(1) Schedule of requirement, specifications, dates etc.

(2) Bid document containing detail terms and conditions.

National Institute of Technology Goa Farmagudi, Ponda-Goa 403 401

Page 1 of 39

1. Schedule of requirements

2.

SI. No.	Description	No's Required
1	Supply of Library Books at NIT GOA Campus	Please refer Annexure I
nosifias	tions and allied Technical Details	

Enclosed at Annexure - I

3. Format of Quotation (tick appropriate box)

It is a Single bid; please give all technical specifications and price bid in one envelope.

OR

 $\sqrt{}$ It is a two-part bid with separate techno-commercial and price bids.

4. The bid envelope should be super-scribed with

Supply of Library Books at NIT GOA Campus

Vide Enquiry No. NITGOA/PUR/LIBRARY/2022-23/OW/414 dated 12 12 2022

- 5. Quotations should be valid for a period of <u>90</u> days from the closing date of the bid.
- 6. Warranty as applicable must be provided. (Certificate should be provided).
- 7(a) Excise Duty: Please state applicable excise duty as a separate item.
- 7(b) VAT/CST/GST: The Institute is not authorized to give C or D form. CST/ VAT/GST should be charged according to applicable rates.
- 7(c) Entry Tax: The State of Goa charges entry tax on all goods entering the State. Please include it in your quotation.
- 8. Bid Security: 27,000/- (Rs. Twenty Seven Thousand Only).
- 9. Performance Security: 3 % of gross order value.
- 10. Please go through the enclosed "bid document" carefully for other bidding instructions.
- 11. For clarifications if any, please mail to <u>library@nitgoa.ac.in</u>

(Contd.)

Page 2 of 39

NATIONAL INSTITUTE OF TECHNOLOGY GOA-403401

BID DOCUMENT

1. Conditions of Bid and Information for Bidders

- 1. Requirement of books as listed in Annexure I
- 2. Validity of quotation should be 90 Days.
- 3. One firm/person can submit only one bid. A bidder, who submits more than one bid, shall be disgualified.
- 4. Bid should be submitted through offline mode only on or before date and time as mentioned above.
- 5. Rate of books should be clearly mentioned in provided format. Only latest, paperback, low price edition or Indian edition of the books is to be supplied or stated otherwise.
- 6. Damaged books (any form) will not be accepted and vendor is responsible for collecting those books on their own cost even after they have been stamped for accessioning.
- 7. The rates quoted should preferably be net inclusive of duties, packing, forwarding, freight, Insurance and all other incidental charges. Any liabilities of taxes or any other extra cost would be on supplier.
- 8. The Supplier shall supply all the ordered books within the period of 60 days from the date of purchase order. If the supply is not received within the stipulated time, the Director, NIT GOA reserves the right to cancel either the entire order or part thereof without any further notice/reminder.
- 9. The bid is to be accompanied with "Bid Security" (Earnest Money) for an amount of Rs 27,000/- as marked in the enquiry. The EMD should be in form of Demand Draft in favour of Director, NIT Goa Fees Account and should be placed in the technical bid envelope only.
- 10. The successful bidder has to furnish "Performance Security" for an amount of 03% of the purchase order amount in the form of Account Payee Demand Draft, in favor of Director, NIT Goa Fees Account from a Commercial Bank with validity period of sixty days beyond the date of completion of all contractual obligations of supplier including guarantee/ warranty obligations. The Performance Security is to be furnished in favor of Director, NIT Goa Fees Account along with the bill submission failing which the bill will be not processed.
- 11. In case of failure of supply of goods within time mentioned in order, liquidity damage @0.5% per week will be deducted on total order value, subject to a maximum of 10% of order value.
- 12. Payment Release time: 30 days (Approx.)
- 13. In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Director, NIT Goa shall be final.
- 14. Any disputes arising out of this enquiry shall be dealt in the Goa jurisdiction.
- 15. In case of cheating by charging more than the actual Publisher's price, the Firm will be punished by blacklisting and the firm has to repay the excess amount to the Institute.
- 16. The Firm/Agency should be a member of an association such as "GOOD OFFICES COMMITTEE" or THE FEDERATION OF PUBLISHERS' AND BOOKSELLERS' ASSOCIATIONS IN INDIA or any other similar body at national or state level. A proof has to be enclosed along with.
- 17. Titles which are available in the open market (like e-commerce websites) must be supplied in any case.
- 18. The Supplier shall append the declaration on the bill that-
 - Only the latest edition of the books has been supplied.
 - The actual prices of publications have been charged without any handling/postage charges.
 - These are not remaindered titles/ damaged books with missing pages.
 - The Indian and low priced editions of these publications (if foreign) are not available in India.

Page 3 of 39

National Institute of Technology Gon Farmagudi, Ponda-Goa 403 401

The price offered in quotation is not more than publisher's price.

Criteria for Technical evaluation:-

- 1. Valid EMD (Valid EMD Exemption certificate should be attached if exemption from EMD is claimed).
- 2. PAN No: (With photo copy) of firms/proprietor duly stamped and signed
- 3. Photocopy of GST Registration Certificate duly stamped and signed.
- 4. Signed and stamped copy of entire tender document. Signed and stamp should be place on all pages and if it is signed only on one side of the page it will be deemed to be signed and stamped other side of the page.
- 5. Membership certificate such as "GOODS OFFICES COMMITTEE or "THE FEDERATION OF PUBLISHERS AND BOOKSELLERS ASSOCIATION OF INDIA" or any other similar body at national or state level. (Proof to be attached).
- 6. Duly stamped and signed the declaration certificate.

Criteria for Financial Evaluation:-

- 1. Financial bids will be opened of only those bidders who get technically qualified.
- 2. Financial evaluation of the titles will be done as per lowest quote for each title wise basis. If at the time of financial evaluation it is found that the rates are quoted equally for a same title, then the order will be placed to that bidder whose has quoted least amount for maximum number of titles.
- 3. Rates should be quoted in Indian rupees only.

Documents required for processing of bills:-

- 1 Filling of PFMS Mandate Form.
- 2 Filled bidder information sheet mentioned at the end of tender document.

For any query or clarification with respect to above, may be mailed to library@nitgoa.ac.in

Registrar National Institute of Technology Goa

National Institute Farmagudi, Ponda-Goa 403 401

Date:

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Page 4 of 39

Date:

PFMS Mandate Form

Sr. No	Details Required	Information
1	Name of Vendor/Supplier	
2	Date Of Birth / Date of Incorporation	
3	Father/Husband Name	and the second
4	Aadhaar Number	
5	GST No	
6	PAN No	
7	Complete Address	
8	City	
9	Country	Ale and the first strengthered
10	State	
>11	District	
12	PIN Code	is in the second se
13	Mobile No.	New york and a second state state of the
14	Telephone No.	the second second second second second second
15	E Mail Address	
16	Account Holder Name	
17	Bank Name	
18	Bank (Branch)	
19	Bank Address	Construction of the source of
20	Account No.	
21	IFSC Code	Participation of the second
22	Swift Code	PARAL MARKET PROCESSION OF A STREET MADE IN STREET

I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I/we would not hold the user Institution responsible.

Name:

0

Stamp/Seal & Signature of Vendor/Supplier

Page 5 of 39

Bidder Information Sheet

1	Company Name	
2	Company Registration Number	
3	Registered Address	
4	Name of Partners / Directors	- 14
5	Bidder Type (Indian/Foreign)	
6	City	
7	State	
8	Postal Code	
9	PAN/TAN Number	
10	Company's Establishment Year	
11	Company's Nature of Business	
12	Company's Legal Status (Limited	The state of the s
	Company, Undertaking, Joint venture,	
	Partnership and others)	
13	Company Category (micro unit as per	
	MSME, Small unit as per MSME,	
	Medium unit as per MSME, Ancillary	
	unit, Project Affected person of this	
	company, SSI, Others)	
4	Contact Person Name	
5	Date Of Birth (DD/MM/YYYY)	
6	Correspondence Email	
7	Designation	PARAMETAR ADVISING THE ACCOUNTS OF THE
8	Phone	AND REAL PROPERTY AND THE PROPERTY OF A
9	Mobile	· · · · · · · · · · · · · · · · · · ·

Note: If the information is not pertaining to the bidder, in third column he should specify as "Not Applicable"

Name:

Stamp/Seal & Signature of Vendor/Supplier

Vational Institute of Technology Gov Pargagueli, Ponda-Goa 403 401 National Institute of Technology Goe Farmagudi, Ponda-Goa 403 401

Page 6 of 39

CERTIFICATE & DECLARATION

I have carefully gone through the **BID DOCUMENT**, **TERMS AND CONDITION**, AND ANNEXURES as mentioned in the above referred Tender document. I declare that all the provisions of this Tender are acceptable to us.

1. It has been certified that all information provided in tender form is true and correct to the best of my knowledge and belief. No forged / tampered document(s) are produced with tender form for gaining unlawful advantage. We understand that NIT Goa is authorized to make enquiry to establish the facts claimed and obtain confidential reports from clients.

2. In case it is established that any information provided by us is false / misleading or in the circumstances where it is found that we have made any wrong claims, we are liable for forfeiture of EMD/SD and or any penal action and other damages including withdrawal of all work / purchase orders being executed by us. Further NIT Goa is also authorized to blacklist our firm/company/agency and debar us in participating in any tender/bid in future.

3. I / We assure the Institute that neither I / We nor any of my / our workers will do any act/s which is improper / illegal during the execution in case the tender is awarded to us.

4. Neither I / We nor anybody on my / our behalf will indulge in any corrupt activities / practices in my / our dealing with the Institute.

5. Our Firm/ Company/ Agency is not being blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute or Any Other Govt. Organization.

Date:

Place:

Signature of the Tenderer

National Institute of Technology

Page 7 of 39

Farmagudi, Ponda-Goa 403 401

(Annexure – I)

List of Books - Technical

Date:-

Sr. No	AUTHOR	TITLE	Editi on	Vol.	PUBLISHER	YEAR	NO.OF COPIES	ISBN	Remarks
1	J. K. Sharma	Operations Research: Theory and Applications	5th		Assorted Editorial	2017	5	978935059 3363	
2	Kanetkar, Yashwant	Let us C: authentic guide to C programming language	16th		BPB Publication s	2016	10	978938728 4494	
3	P.S.Deshpan de & O.G.Kakde	C & Data Structures	1st	ios ri	Dreamtech Press	2003	10	978817722 4245	
4	leland I. Beck and D.Manjula	System Software	3rd		Pearson	2019	5	978817758 5551	6
5	Ramesh Gaonkar	Microprocessor Architecture, Programming and Applications with the 8085	6th		Penram Internation al Publishing	2019	5	978818797 2884	
6	Jang, Jyh Shing Roger, Sun, Chuentsai, Sun, Chuentsai, Mizutani, Eiji, Mizutani, Eiji	Neuro fuzzy and soft computing: a computational approach to the learning and machine intelligence	1st		Pearson	2012	5	978933254 9883	
7	Rajasekaran, S, Pai, G A Vijayalakshm i	Neural networks, fuzzy systems, and evolutionary algorithms: synthesis and applications	2nd		PHI Learning	2017	5	978812035 3343	(
8	Rajaraman V, Murthy Ram C. Siva	Parallel Computers Architecture And Programming	2nd		PHI Learning Pvt Ltd	2018	5	978812035 2629	
9	Cormen, Thomas H	Introduction to Algorithms	3rd		PHI Learning Pvt Ltd	2018		978026253 3058	
.0	Paul Barry	Head First Python: A Brain- Friendly Guide	2nd		O'Reilly	2016		978935213 4823	
.1	Forouzan, Behrouz A	Data communications and networking	5th		McGraw Hill	2019		978125906 4753	

Page 8 of 39

National Institute of Technology Goe Farmsgud, Ponda-Soe 403 401

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12	Allen B. Downey, Jeffrey Elkner, Chris Meyers	How to Think Like a Computer Scientist: Learning With Python	1st	Green Tea Pr	2002	1	978097167 7500 978110846	
13	Ron Bekkerman, Mikhail Bilenko, John Langford	Scaling up Machine Learning: Parallel and Distributed Approaches	1st	Cambridge University Press	*		1740	
14	Jimmy Lin, Chris Dyer	Data-Intensive Text Processing with MapReduce (Synthesis Lectures on Human Language Technologies)	1st	Morgan & Claypool Publishers	2010	1	978160845 3429	
15	Jure Leskovec, Anand Rajaraman, Jeffrey David Ullman	Mining of Massive Datasets	2nd	Dreamtech Press	2016	1	978131663 8491	
16	Paul Goransson and Chuck Black	Software Defined Networks: A Comprehensive Approach,	2nd	Morgan Kaufmann	2016	1	978012804 5558	- 44
17	Thomas D. Nadeau, Ken Gray	SDN: Software Defined Networks, An Authoritative Review of Network Programmability Technologies	1st	Shroff	2013	1	978935110 2649	
18	Raj Jain	The Art of Computer System Performance Analysis: Techniques for Experimental Design Measurements Simulation and Modeling	1st	Wiley	2008	1	978812651 9057	
19	Deep Medhi and Karthik Ramasamy	Network Routing Algorithms, Protocols, and Architectures	2nd	The Morgan Kaufmann	2018	1		

Page 9 of 39

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20	Michał Pióro and Deepankar Medhi	Routing, Flow, and Capacity Design in Communication and Computer Networks			The Morgan Kaufmann	2004	1	978012557 1890	
21	S Esakkirajan T Veerakumar , S Jayaraman	Digital Image Processing	1st		Mc Graw Hill India	2009	10	978007014 4798	
22	D.Roy Choudhury, Shail B. Jain	Linear Integrated Circuits	5th	Sur si s Ingiliard	New Age Internation al Private Limited	2021	15	978938607 0913	
23	Simon Haykin	Digital communication system	1st		Wiley India	2000	10	978812654 2314	0
24	M. Morris Mano, Michael D Cileti	Digital design with an introduction to the Verilog HDL	5th	(Const.	Pearson Education	2004	15	978813179 4746	
25	Jeremy Allnutt Timothy Pratt	Satellite Communications	3rd		Wiley India	2012	5	978812650 8334	
26	Made Easy	GATE 2023: electronics engineering	15th	Net 1	Made Easy	2022	5	978939316 5176	
27	Subal Kar	Microwave Engineering: Fundamentals, Design and Applications	1st		Universities Press	2016	5	978817371 9899	6
28	Konrad Mertens	Photovoltaics Fundamentals, Technology, and Practice,	1st		Wiley	2018	2	978111863 4165	
29	Liu, Chen- Ching, McArthur, Stephen, Lee, Seung- Jae	Smart grid handbook, Vol. 1 ,2,and 3	1st		Wiley	2016	2	978111875 5488	
30	Ekram Hossain	Smart grid communications and networking	1st		Cambridge University Press	2012	1	978110701 4138	
31	Iniewski, Krzysztof	Smart grid infrastructure and networking	1st		Mc-Graw Hill	2013	1	978007178 7741	

Page 10 of 39

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32	Sato,Takuro	Smart grid standards : specifications, requirements, and technologies	1st		Wiley	2015	1	978111865 3692	
33	Weidong Xiao	Photovoltaic Power System: Modeling, Design, and Control	1st		Wiley	2017	1	978111928 0347	
34	Tamer Khatib, Wilfried Elmenreich	Modeling of Photovoltaic Systems Using MATLAB: Simplified Green Codes	1st	in the second	Wiley	2016	1	in interitue an ansuer of answere	
35	Luis Castaner, Santiago Silvestre	Modelling Photovoltaic Systems Using PSpice	1st	118.2.4	Wiley	2007	1	978047084 5288	
36	Lorrin Philipson, H. Lee Willis	Understanding electric utilities and de-regulation	2nd		Marcel Dekker Pub.	2019	1	978082472 7734	
37	Steven Stoft	Power system economics: designing markets for electricity	1st		John Wiley & Sons	2002	1	978047115 0404	
38	Kankar Bhattacharya , Jaap E. Daadler, Math H.J. Boolen	Operation of restructured power systems	1st	1.0 F2	Kluwer Academic Pub.	2001	1	978079237 3971	
39	Mohammad Shahidehpou r, Muwaffaq Alomoush	Restructured electrical power systems: operation, trading and volatility	1st	e Annahri Sele Anna Annahridh Barte Milli	Marcel Dekker Pub.	2001	1	978082470 6203	
40	Sudipta Chakraborty, Marcelo G. Simes, and William E. Kramer.	Power Electronics for Renewable and Distributed Energy Systems: A Sourcebook of Topologies, Control and Integration	1sr		Springer Science & Business	2013	1	978144715 1036	
41	Nicola Femia, Giovanni Petrone, Giovanni Spagnuolo,	Power Electronics and control for maximum Energy Harvesting in Photovoltaic Systems	1st	ashdi A	CRC Press	2013	1	978146650 6909	

Page 11 of 39

Neticital Institute of Tosminiary Boe Parmagudi, Ponda-Goa 403 401

National Institute of Technology Goa Farmagudi, Ponda-Goa 403 401

	Massimo Vitell .								
42	K. Mehrotra, C.K. Mohan and Sanjay Ranka	Elements of Artificial Neural Networks	2nd		Penram Internation al Publishing	2009	5	978818797 2204	
43	A Cichocki and R. Unbehauen,	Neural Networks for Optimization and Signal Processing	1st		John Wiley and Sons	1993	1	978047193 0105	
44	Ali Keyhani	Design of Smart Power Grid Renewable Energy Systems	3rd	V ONW	Wiley	2019	1	978111957 3326	0
45	Gupta, J B	A course in electrical technology: basic electrical engnieering	13th	1	S K Kataria & Sons.	2019	5	978818574 9297	
46	Gupta, J B	A course in electrical technology: electrical machines	14th	II	S K Kataria & Sons.	2017	5	978818574 9143	
47	Gupta, J B	A course in electrical technology: electrical devices and circuits	14th	III	S K Kataria & Sons.	2011	5	978818845 8745	
48	Pillai, S K	A first course on electrical drives	3rd	el sur di	New Age Internation al Publisher	2014	5	978812243 3616	¢
49	Chakrabarti, Abhijit	Basic electrical engineering	2nd		McGraw Hill India	2021	10	978935460 0708	
50	Bimbhra, P S	Electrical machinery	1st	vs vinit	Khanna Publishers	2021	15	978938913 9105	2. JW
51	Faulkenberry , Luces M	Electrical power distribution and transmission	1st		Pearson	2013	5	978813170 7098	
52	Greenhood, Allan	Electrical transients in power systems	2nd		Wiley	2010	5	978812652 7298	
53	Chadha, Prem R	Parker Smith problem in electrical engineering: power engineering and	9th		CBS Publication	2013	10	978812390 8588	0 0

Page 12 of 39

		electronics with answers partly solved in S.I. units				o Kolovoj na okoje na galovi na galovi na galovi na dokoje na se		
54	Sen, P C	Principles of electrical machines and power electronics	2nd	Wiley	2010	5	978812651 1013	
55	Beaty, Wayne H	Standard handbook for electrical engineers	16th	McGraw Hill	2012	1	978007176 2328	
56	Chetan Singh Solanki	Solar Photovoltaics: Fundamentals, Technologies And Applications	3rd	PHI Learning	2015	5	978812035 1110	
57	William H. Hayt, Jack Kemmerly, St even M. Durbin	Engineering Circuit Analysis	9th	McGraw- Hill India	2021	5	978939018 5139	
58	H.K. Khalil	Non-linear Systems	3rd	Pearson	2014	3	978933254 2037	
59	R C Dorf and R H Bishop	Modern Control Systems	12th	Pearson	2014	3	978933251 8629	
60	J J E slotine and W.Li	Applied Non Linear Control	1st	Pearson	1990	1	978013040 8907	
61	Timothy J Ross	Fuzzy Logic with Engineering Applications	2nd	Wiley	2007	3	978812651 3376	
62	B Kosko	Fuzzy Engineering	1st	PHI Learning	2015	3	978812035 0533	
63	Made Easy	MADE EASY - GATE 2023: Electrical Engineering Previous Solved Papers - 2023	15th	Made Easy	2022	2	978939316 5237	
64	ACE Engineering publications	GATE-2023 Electrical Engineering Previous GATE Questions with Solutions, Subject wise & Chapter wise - 2023		ACE Engineering publication s	2022	3	978164597 1740	

Page 13 of 39

National Institute of Technology Goa Farmagudi, Ponda-Goa 403 401

65	a contraction and the street of	Practical Guide to	5th	1	Routledge	2018	1	978113861	1
	Kitcher	Inspection, Testing and Certification of Electrical Installations - 2018			Part 10 2015		unier diantein Cartestein	3324	
66	Mini S. Thomas , John D. McDonald	Power System SCADA and Smart Grids	1st	- JP-04	CRC Press	2015	2	978148222 6744	
67	L. P. Singh	Advanced Power System Analysis and Dynamics	6th		New Age Internation al Publisher	2012	3	978812243 3708	
68	Institution of Engineering and Technology (IET)	Electrician's Guide to the Building Regulations (Electrical Regulations)	6th	nou-si 	Institution of Engineering and Technology	2022	1	978183953 2542	¢
69	Yifeng Zhu	Embedded Systems with Arm Cortex-M Microcontrollers in Assembly Language and C	3rd		E-Man Press LLC	2017	1	978098269 2660	
70	Alexander G. Dean	Embedded Systems Fundamentals with Arm Cortex M Based Microcontrollers: A Practical	1st		ARM Education Media	2017	1	978191153 1036	
71	Muhammed Ali Mazidi	Approach Freescale ARM Cortex-M Embedded Programming	1st		Microdigita led	2016	2	978099792 5982	
72	Jos Arrillaga	High Voltage DirectCurrent Transmission	2nd		IET	1998	1		
73	Muhammed Ali Mazidi	Arm Cortex-M Assembly Programming for Embedded Programmers: Using Keil	1st		Mazidi & Naimi	2020	2	978197005 4132	
74	Raj Kamal	Embedded Systems	4th		McGraw Hill India	2018	and the second	978935316 8025	

Page 14 of 39

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75	Muhammed Ali Mazidi	PIC Microcontroller	2nd		Pearson	2021	3	978935394 1833	
		and embedded system using assembly and C for PIC18	in and a second s		- Marine		n only toon grap		
76	Mohan, Robbins , Undeland	Power Electronics: Converters Applications and Design	3rd		Wiley	2007	15	978812651 0900	
77	Robert W. Erickson, Dragan Maksimovic	Fundamentals of Power Electronics	2nd		Kluwer Academic/ Plenum Publishers	2005	1	978030648 0485	
78	Charles K. Alexander, Matthew N.O. Sadiku	Fundamentals of Electric Circuits	7th	in die Routen Routen	McGraw Hill India	2022	15	978935532 0162	
79	Sidney M Johnson	Deterioration, Maintenance and Repairs of Structures	1st		McGraw Hill New York	1980	2	978007032 5753	
80	Stephen E. Petty	Forensic Engineering: Damage Assessments for Residential and Commercial Structures (Indian edition)	1st	an in the second se	CRC Press, Taylor & Francis Group	2013	2	978036737 3078	
81	C.S.Reddy	Basic Structural Analysis, 3 rd Ed.	3rd		Tata McGraw Hill New Delhi	2011	10	978007070 2769	
82	C.K. Wang	Indeterminate Structural Analysis	1st		McGraw Hill India	2021	10	978007070 2493	
83	N. Krishna Raju	Structural Design & Drawing: Reinforced Concrete and Steel	3rd		Universities Press	2009	10	978817371 6706	
84	C. E. G. Justo and S. K. Khanna	Highway Engineering	10th	elasida A d	Nem Chand and Brothers	2011	20	978818524 0930	
85	Khanna SK	Airport Planning and Design	6th	CONTROL CONTROL CONTROL	Nem Chand and Brothers	1999	20	978818524 0688	
86	R. Srinivasan	Harbour,Dock and Tunnel	30th		Charotar Publishing	2022	20	978938503 9416	
1	1.0	1. A Brancher Charles		D	e 15 of 39				

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		Engineering		North States	The second stars				
87	S.C. Saxena & S P Arora	A textbook of Railway Engineering	1st		Dhanpat Rai Publication s	2013	15	978818992 8834	
88	Satish Chandra	Railway Engineering	2nd	vent/.	Oxford University Press	2013	8	978019808 3535	
89	Braja M. Das	Principles of Foundation Engineering with MindTap (Indian edition)	8th	and Troub Troub Troub	Cengage Learning	2007	2	978938665 0955	
90	S.P. Timoshenko and J. N. Goodier	Theory of Elasticity	3rd	net de la companya d La companya de la comp La companya de la comp	McGraw- Hill Education	2018	2	978007070 1229	¢
91	Purushotha ma Raj, P	Ground Improvement Techniques (Indian edition)	2nd		Laxmi Publication s (P) Limited	2020	3	978813180 5947	T II .,
92	M. P. Mosely and K. Kirsch	Ground Improvement	3rd	1000	Taylor and Francis Group	2004	1	978036786 5696	Lui I
93	M Anji Reddy	A Textbook of Remote Sensing and Geographical Information Systems (Indian edition)	4th	izronik operače o	BS Publication s	2022	2	978938107 5975	
94	H S Peavy, D.R Rowe, G. Tchobanoglo us	Environmental Engineering	7th	संदर्भ हर्ग को के हो ज़िल्ल	McGraw- Hill	2017	2	978007100 2318	C
95	Koerner, R.M.	Designing with Geosynthetics	6th		Prentice Hall, New Jersey	2012	2	978146288 2885	4
96	Reddi L.N and Inyang HI	Geo- environmental Engineering: Principles and Applications	1st		Marcel Dekker Inc Publication	2000	1	978113861 5564	3
97	S.C. Bhatia	Solid and hazardous waste management	1st	tau tau	Atlantic Publishers & Distributors	2021	2	978812690 8141	
98	Rao and Sultana	Solid and Hazardous Waste management	2nd		B S Pubications	2020	5		

Page 16 of 39

10 all National Institute of Technology Goa Farmagudi, Ponda-Goa 403 401

	99	Hsai –yang Fang	Introduction to Environmental Geotechnology (Indian edition)	1st		CRC press New York	1997	1	978143983 7306	
	100	Lambe and Whitman	Soil Mechanics (Indian edition)	1st		Wiley	2012	2	978812653 9918	
	101	Bowles J.E.	Foundation Analysis and Design	1st		McGraw Hill	1996	1	978007006 7509	
	102	V T Chow	Applied Hydrology			McGraw Hill	2017	2	978007100 1748	
	103	R S Means	Green Building Project Planning and Cost Estimating	3rd		RSMeans	2011	1	atono y Rent 2	
T I I I I I I I I I I I I I I I I I I I	104	Santosh Kumar Garg	Water resources engineering Vol. II Irrigation Engineering and Hydraulic Structures	36th	II	Khanna Publishers	1976	5	978817409 0478	
	105	P N Modi	Irrigation Water Resources and Water Power Engineering	1st		Standard Distributers Publishers	2020	15	978818940 1290	
	106	Santosh Kumar Garg	Environmental Engineering (Vol. II) Sewage Waste Disposal and Air Pollution Engineering	41th	II *	Khanna Publishers	1979	15	978817409 2304	
	107	Mahapatra G. B.	A Textbook of Geology	1st		CBS Publishers & Distributors	2019	15	978812390 0131	
	108	K.M. Bangar	Principals of Engineering Geology	2nd		Standard Distributers Publishers	2020	15	978818014 1157	
	109	David K. Todd and Lar ry W. Mays	Groundwater Hydrology (Indian edition)	3rd		Wiley	2005	1	978812653 0038	n ise
	110	John A. Richards_	Remote Sensing Digital Image Analysis: An Introduction	5th	40. Abimi 2040-1	Springer	2005	2	978364230 0615	
	111	K. R. Rushton	Groundwater Hydrology: Conceptual and Computational Models	1st		Wiley	2012	5	978812653 9772	

6

Page 17 of 39

National Institute of Technology Goa Farmagudi, Ponda-Goa 403 401

112	K. Subramanya	Engineering Hydrology	5th		McGraw Hill Education	2021	10	978939017 7509	
113	Hamdy A. Taha	Operations Research: An Introduction	10th	19PW	Pearson	2019	10	978935286 5277	1 64
114	Ravi Shankar	Industrial Engineering and Management	2nd	C Dord	Galgotia Publication s	2019	10	978817515 6050	
115	Martand T Telsang	Industrial Engineering And Production Management	3rd		S. Chand	2018	10	978935253 3794	
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117	Sunil Chopra, Peter Meindl, Dharam Vir Kalra	Supply Chain Management: Strategy, Planning and Operation	7th	inani Addas Addas	Pearson	2019	5	978935306 5966	0
118	Soteris A. kalogirou	Solar Energy:Engineerin g Processes and systems	2nd	donesia Donesia	Acedamic Press	2013	5	978012397 2705	i ar
119	D. Yogi Goswami	Principles of Solar Engineering	3rd	auseres.	CRC press Taylor and Francis	2015	3	978113856 9478	The .
120	John Anderson	Fundamentals of Aerodynamics in SI units	5th	*	McGraw Hill, New York	2010	5	978007070 0123	
121	Steven H. Collicott, Daniel T. Valentine, E. L. Houghton, P. W. Carpenter	Aerodynamics for Engineering Students	7th		Butterwort h- Heinemann	2016	2	978008100 1943	G
122	John D Anderson	Computational Fluid Dynamics (Indian edition)	1st		McGraw- Hill Education	1995	5	978125902 5969	
123	Suhas V. Patankar	Numerical Heat Transfer and Fluid Flow (Indian edition)	1st		CRC Press	2017	5	978113856 4695	
124	John C. Slatt ery, Leonard Sagi s, Eun- Suok Oh	Interfacial Transport Phenomena	2nd	and a	Springer- Verlag, New York	2007	1	978038738 4382	

Page 18 of 39

all 10

1	125	Robert J. Stokes, D. Fennell Evans	Fundamentals of Interfacial Engineering	1st		Wiley-VCH, New York	1997	1	978047118 6472	
	126	Amir Faghri, Yuwen Zhang, John Howell	Advanced Heat and Mass Transfer	1st		Global Digital Press	2010	2	978098427 6004	
	127	Victor Chechik, Emma Carter, Damien Murphy	Electron Paramagnetic Resonance	1st		Oxford University Press	2016	3	978019872 7606	10
6	128	Peter J Hore	Nuclear Magnetic Resonance	2nd		Oxford University Press	2015	3	978019870 3419	
-	129	Gilbert Strang	Linear Algebra and its applications	4th		Cengage Learning	2005	20	978813150 1726	
	130	T Veerarajan	Probability, statistics and random process	3rd	e prin minist	Tata McGraw Hill	2008	20	978007066 9253	
	131	Sheldon M.Ross	Introduction to Probability and Statistics For Engineers and Scientists (Paperback Indian edition)	5th		Academic Press	2017	10	978935107 2805	
6	132	Michael Baron	Probability and Statistics for Computer Scientists	2nd	nik jan jane t albenarit	Chapman and Hall/CRC	2013	2	978143987 5902	
	133	Grewal B. S.	Higher Engineering Mathematics	43rd		Khanna Publishers	2022	10	978817409 1956	
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Page 19 of 39

National Institute of Technology Goa Farmagudi, Ponda-Goa 403 401

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138	Harish Parthasarath y	Quantum Mechanics	1st	neset in	CRC Press Taylor & Francis	2022	1	978103211 7645	
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Page 20 of 39

19 Coll

National Institute of Technology Goa Farmagudi, Ponda-Goa 403 401

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155	Feynman Richard P; Leighton, Robert; Sands, Mattew	The Feynman lectures on Physics: mainly electromagnetism and matter	1st	11	Pearson Education	2012	10	978813179 2124
156	Feynman Richard P; Leighton, Robert; Sands, Mattew	The Feynman lectures on Physics: quantum mechanics	1st		Pearson Education	2012	10	978813179 2131
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158	Asim K Das, Mahua Das	An introduction to nanomaterials and nanoscience	1st		CBS	1905	10	978938591 5673
159	V Rajendran	Nano Materials Synthesis and Characterisation	1st		Bloomsbur y	2012	2	978938256 3365
160	A.K. Bandyopadh yay	Nano Materials	2nd		New Age Publishers	2020	2	978812242 7813
161	Van Vlack	Elements of Material Science and Engineering	6th		Pearson Education India	2002	2	978813170 6008

Page 21 of 39

National Institute of Technology Gub

19 and

162	Shivakumar	Engineering physics	1st	Prism	2010	5	978817286	
163	Avadhanulu, M N;	A textbook of engineering physics	11th	S Chand & Company Ltd	2018	5	6341 978935283 3993	
164	Beiser, Arthur	Concept of modern Physics	6th	McGraw Hill	2009	5	978007015	
165	Jewett, John W; Serway, Raymond A	Physics for scientist & engineers with modern physics	7th	Cengage Learning	2017	5	1550 978938665 0672	
166	Rajendran, V	Materials science	1st	McGraw Hill	2017	15	978007132 8975	

Page 22 of 39

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1	J. K. Sharma	Operations Research: Theory and Applications	5th		Assorted Editorial	2017	5	97893505 93363	
2	Kanetkar, Yashwant	Let us C: authentic guide to C programmin g language	16th		BPB Publication s	2016	10	97893872 84494	1
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6	Jang, Jyh Shing Roger, Sun, Chuentsai, Sun, Chuentsai, Mizutani, Eiji, Mizutani, Eiji	Neuro fuzzy and soft computing: a computation al approach to the learning and machine intelligence	1st		Pearson	2012	5	97893325 49883	
7	Rajasekaran, S, Pai, G A Vijayalakshmi	Neural networks, fuzzy systems, and evolutionary algorithms: synthesis and applications	2nd		PHI Learning	2017	5	97881203 53343	
8	Rajaraman V, Murthy Ram C. Siva	Parallel Computers Architecture And Programmin g	2nd		PHI Learning Pvt Ltd	2018	5	97881203 52629	
9	Cormen, Thomas H	Introduction to	3rd		PHI Learning	2018	10	97802625 33058	

Page 23 of 39

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	10 Paul Barry	Head First Python: A Brain- Friendly Guide	2nd		O'Reilly	2016	5	5 9789352 34823	21
	1 Forouzan, Behrouz A	Data communicat ons and networking			McGraw Hill	2019	1	0 9781259 64753	0
1:	Downey, Jeff Elkner, Chris Meyers	Computer Scientist: Learning With Python	s 1st		Green Tea Pr	2002	1	9780971 677500	
13	Mikhail Bilenk John Langford	an, Scaling up o, Machine Learning: Parallel and Distributed Approaches	1st	i i	Cambridge University Press	2018	1	97811084 61740	6
	Jimmy Lin, Chr Dyer	is Data- Intensive Text Processing with MapReduce (Synthesis Lectures on Human Language Technologies)	1st		Morgan & Claypool Publishers	2010	1	97816084 53429	
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1	Thomas D. Nadeau, Ken Gray	SDN: Software Defined Networks, An Authoritative Review of	1st		Shroff	2013	1	97893511 02649	

Page 24 of 39

National Institute of Technology Goa Farmagudi, Ponda-Goa 403 401

		Network Programmab ility Technologies		a should be and the second of				2, 2, 2019 2, 2, 2 39, 4, 440 39, 4, 440	
18	Raj Jain	The Art of Computer System Performance Analysis: Techniques for Experimental Design Measuremen ts Simulation and	1st	Neil IV	Wiley	2008	1	97881265 19057	3
19	Deep Medhi and Karthik Ramasamy	Modeling Network Routing Algorithms, Protocols, and Architectures	2nd	a do- 1 ora in de ora in ora in ora in ora in ora in ora in ora in ora in ora in ora in ora in ora in ora in ora in ora in ora in ora i	The Morgan Kaufmann	2018	1		01
20	Michał Pióro and Deepankar Medhi	Routing, Flow, and Capacity Design in Communicati on and Computer Networks		VERNY	The Morgan Kaufmann	2004	1	97801255 71890	
21	S Esakkirajan T Veerakumar , S Jayaraman	Digital Image Processing	1st	darik	Mc Graw Hill India	2009	10	97800701 44798	EE .
22	D.Roy Choudhury, Shail B. Jain	Linear Integrated Circuits	5th		New Age Internation al Private Limited	2021	15	97893860 70913	
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24	M. Morris Mano, Michael D Cileti	Digital design with an introduction to the Verilog HDL	5th		Pearson Education	2004	15	97881317 94746	
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Page 25 of 39

National Institute of Technology Goe Farmegual, Ponda-Goa 402 401

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27	140.1877 0 1201.201.2	Microwave Engineering: Fundamental s, Design and Applications	1st		Universities Press	2016	5	97881737 19899	
28	Konrad Mertens	Photovoltaic s Fundamental s, Technology, and Practice,	1st		Wiley	2018	2	97811186 34165	
29	Liu, Chen-Ching, McArthur, Stephen, Lee, Seung-Jae	Smart grid handbook, Vol. 1 ,2,and 3	1st		Wiley	2016	2	97811187 55488	0.
30	Ekram Hossain	Smart grid communicati ons and networking	1st	l aff Arrite The Ph	Cambridge University Press	2012	1	97811070 14138	
31	Iniewski, Krzysztof	Smart grid infrastructur e and networking	1st		Mc-Graw Hill	2013	1	97800717 87741	
32	Sato, Takuro	Smart grid standards : specification s, requirement s, and technologies	1st	•	Wiley	2015	1	97811186 53692	
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35		Modelling Photovoltaic Systems Using PSpice	1st	Verne	Wiley	2007	1	97804708 45288	

Page 26 of 39

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 National Institute of Technology Goa Farmagual, Ponda-Goa 403 401

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	36	Lorrin Philipson, H. Lee Willis	Understandi ng electric utilities and de- regulation	2nd		Marcel Dekker Pub.	2019	1	97808247 27734	
	37	Steven Stoft	Power system economics: designing markets for electricity	1st		John Wiley & Sons	2002	1	97804711 50404	
	38	Kankar Bhattacharya, Jaap E. Daadler, Math H.J. Boolen	Operation of restructured power systems	1st	1000	Kluwer Academic Pub.	2001	1	97807923 73971	
	39	Mohammad Shahidehpour, Muwaffaq Alomoush	Restructured electrical power systems: operation, trading and volatility	1st		Marcel Dekker Pub.	2001	1	97808247 06203	-
¢ I	40	Sudipta Chakraborty, Marcelo G. Simes, and William E. Kramer.	Power Electronics for Renewable and Distributed Energy Systems: A Sourcebook of Topologies, Control and Integration	1sr	:	Springer Science & Business	2013	1	97814471 51036	
	41	Nicola Femia, Giovanni Petrone, Giovanni Spagnuolo, Massimo Vitell	Power Electronics and control for maximum Energy Harvesting in Photovoltaic Systems	1st		CRC Press	2013	1	97814665 06909	-
	42	K. Mehrotra, C.K. Mohan and Sanjay Ranka	Elements of Artificial Neural Networks	2nd	lı a	enram nternation I ublishing	2009	5	97881879 72204	
	43	A Cichocki and R. Unbehauen,	Neural Networks for Optimization	1st	J	ohn Wiley nd Sons	1993	1	97804719 30105	

Page 27 of 39

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National Institute of Technology Goa Farmagudi, Ponda-Goa 403 401

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. 44		Design of Smart Power Grid Renewable Energy Systems	3rd	Pace A	Wiley	2019	1	97811195 73326	
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47	Gupta, J B	A course in electrical technology: electrical devices and circuits	14th	Ш	S K Kataria & Sons.	2011	5	97881884 58745	3
48	Pillai, S K	A first course on electrical drives	3rd		New Age Internation al Publisher	2014	5	97881224 33616	
49	Chakrabarti, Abhijit	Basic electrical engineering	2nd		McGraw Hill India	2021	10	97893546 00708	
50	Bimbhra, P S	Electrical machinery	1st		Khanna Publishers	2021	15	97893891 39105	6
.51	Luces M	Electrical power distribution and transmission	1st		Pearson	2013	5	97881317 07098	54
-52	Allan	Electrical transients in power systems	2nd		Wiley	2010		97881265	
53	Chadha, Prem R	Parker Smith problem in electrical engineering: power engineering and electronics	9th		CBS Publication	2013	10	27298 9788123 908588	

Page 28 of 39

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	54	Sen, P C	Principles of electrical machines and power electronics	2nd		Wiley	2010	5	97881265 11013
	55	Beaty, Wayne H	Standard handbook for electrical engineers	16th		McGraw Hill	2012	1	97800717 62328
	56	Chetan Singh Solanki	Solar Photovoltaic s: Fundamental s, Technologies And Applications	3rd		PHI Learning	2015	5	97881203 51110
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	63	Made Easy	MADE EASY - GATE 2023: Electrical Engineering Previous Solved Papers - 2023	15th		Made Easy	2022	2	97893931 65237

Page 29 of 39

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	64 ACE Engineeri publications	ng GATE-2023 Electrical Engineering			ACE Engineering publication		3	97816459 71740	
	- 1 - 1 - 1 - 1	Previous GATE Questions with		100	S				THE STREET
		Solutions, Subject wise & Chapter wise - 2023							
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66	Mini S. Thomas John D. McDonald	, Power System SCADA and Smart Grids	1st		CRC Press	2015	2	97814822 26744	
67		Advanced Power System Analysis and Dynamics	6th	an in the second	New Age Internation al Publisher	2012	3	97881224 33708	
68	Institution of Engineering and Technology (IET)	Electrician's Guide to the Building Regulations (Electrical Regulations)	6th		Institution of Engineering and Technology	2022	1	97818395 32542	C
69	Yifeng Zhu	Embedded Systems with Arm Cortex- M Microcontrol lers in Assembly Language and C	3rd		E-Man Press LLC	2017	1	97809826 92660	
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Page 30 of 39

National Institute of Technology Goa Farmagudi, Ponda-Goa 403 401

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	77	Robert W. Erickson, Dragan Maksimovic	Fundamental s of Power Electronics	2nd		Kluwer Academic/ Plenum Publishers	2005	1	97803064 80485	
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	79	Sidney M Johnson	Deterioratio n, Maintenance and Repairs of Structures	1st		McGraw Hill New York	1980	2	97800703 25753	

Page 31 of 39

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83		Structural Design & Drawing: Reinforced Concrete and Steel	3rd -	Universities Press	2009	10	97881737 16706	
84	and S. K. Khanna	Highway Engineering	10th	Nem Chand and Brothers	2011	20	97881852 40930	as ful
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86	R. Srinivasan	Harbour,Doc k and Tunnel Engineering	30th	Charotar Publishing	2022	20	40688 97893850 39416	
87	S.C. Saxena & S P Arora	A textbook of Railway Engineering	1st	Dhanpat Rai Publication s	2013	15	97881899 28834	C
88	Satish Chandra	Railway Engineering	2nd	Oxford University Press	2013	8	97801980 83535	सर
89	Braja M. Das	Principles of Foundation Engineering with MindTap (Indian edition)	8th	Cengage Learning	2007	2	97893866 50955	
90	S.P. Timoshenko and J. N. Goodier	Theory of Elasticity	3rd	McGraw- Hill Education	2018	2	97800707 01229	

Page 32 of 39

National Institute of Technology God Farmagudi, Ponda-Gos 403 401

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	92	M. P. Mosely and K. Kirsch	Ground Improvemen t	3rd		Taylor and Francis Group	2004	1	97803678 65696	
	93	M Anji Reddy	A Textbook of Remote Sensing and Geographical Information Systems (Indian edition)	4th	ionadol Istalia	BS Publication s	2022	2	97893810 75975	101
(94	H S Peavy, D.R Rowe, G. Tchobanoglous	Environment al Engineering	7th		McGraw- Hill	2017	2	97800710 02318	
	95	Koerner, R.M.	Designing with Geosynthetic s	6th		Prentice Hall, New Jersey	2012	2	97814628 82885	301
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Page 33 of 39

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Page 34 of 39

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Page 35 of 39

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Page 36 of 39

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Page 37 of 39

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Page 38 of 39

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Page 39 of 39

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