



# **Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY**

**BDA Outer Ring Road, Mallathahally, Bengaluru - 560 056**

**Tel - 080-23211232 & Mob No -9986003865**

**AIT/SS/1447/2025-26**

**Date: 16.09.2025**

## **TENDER NOTIFICATION**

Sealed quotations are invited from Reputed/Authorized firms for supply of **"Engineering Books to Central Library"**. Details and specification of requirements can be downloaded from college website [www.drait.edu.in](http://www.drait.edu.in). The sealed quotation shall be attached with a DD of **Rs.500/-** and submit the sealed quotations on or before **17.10.2025 by 1.00 PM**. Quotations will be opened on the same day i.e. **17.10.2025 at 4.00 PM**.

**Sd/- Principal**

**Sd/- Secretary, PVPWT**

## Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution, Aided by Govt. of Karnataka, Affiliated to VTU & Approved by AICTE, New Delhi)

BDA Outer Ring Road, Near Jnanabharathi Campus, Mallathalli, Bengaluru – 560 056

Country Code (91) + STD Code 080, Tel – 23211232, MOB NO -9986003865

Website: [www.drait.edu.in](http://www.drait.edu.in) e-mail: [principal@drait.edu.in](mailto:principal@drait.edu.in)

AIT/SS/ 1447 /2025- 26

Date: 16.09.2025

To,  
M/s. \_\_\_\_\_  
\_\_\_\_\_  
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SUB: Invitation quotations for Supply of Engineering Books to Central Library – Reg.

1. You are invited to submit your most competitive price for Latest Editions of Engineering Books to our Central library with the following description.

Sl.#	Description	Qty.	Rate Rs.	Amount Rs.
01.	Engineering Text Books to the Central Library, Dr.AIT			

**Note: Engineering Books quantity /copies herewith enclosed.**

### 2. Bid Price

- The quotation shall be for the full quantity as described above. Corrections if any, should be made by strike off and rewrite with new figure duly attested with date.
- All duties, taxes and other levies (Show separately) payable by the supplier shall be included in the total price of the tender amount.
- The rates quoted by the bidder shall be fixed for the product and escalation clause not allowed.
- The prices should be quoted in Indian Rupees only.

3. Each bidder shall submit only one quotation.

4. Validity of Quotation: The validity of the quotation should be mentioned in the tender which is not less than 90 days.

5. No Advance payment.

### 6. Evaluation of Quotations

The purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which are

- properly signed, (b) confirm to the terms and conditions, and (c) specifications.

### 7. Award of Contract

The purchase order will be placed with the supplier whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.


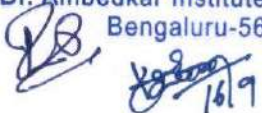
PTO

DR. AMBEDKAR INSTITUTE OF TECHNOLOGY  
PRINCIPAL

1  
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8. The bidder whose bid is accepted will be notified of the award of contract by the purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
9. Payment shall be made after delivery and good quality as per our specification.
10. You can obtain tender form from the Store section by paying Rs.500/- in DD **OR** can download from the website of the Institution [www.drait.edu.in](http://www.drait.edu.in) and should be accompanied DD for Rs.500/- as tender document fees. DD should be in favor of Principal Dr.AIT, Bangalore.
11. You are requested to provide your offer latest by 1.00 pm on **17.10.2025** along with a bank draft at 2% of the bidding amount or tender price(Including taxes) on the total amount in favour of "The Principal Dr.AIT Bangalore ,"as EMD/Quotations that do not accompany EMD are liable to be rejected.  
**If lower bidders fails to supply as per the quotation the EMD will be forfeited.**
12. Quotations will be opened on **17.10.2025 at 4.00 pm** in the Principal's chamber.
13. Sealed quotations shall be addressed to the purchaser at the following address:  
The Principal, Dr. Ambedkar Institute of Technology, Stores Section, Near Jnanabharathi Campus, Mallathahalli, Bangalore – 560 056. with super scribing  
**"Quotation for supply of Engineering Books to Central Library "**.
14. Insurance  
The goods supplied under the contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery.
15. The bidder shall provide the copy of the following.
  - i) Previous year I.T Filed copy.
  - ii) GST Number
  - iii) Copy of PAN.
  - iv) Venders list of the previous supply & at least two performance certificates from the Venders.
  - v) Previous two years Audit report
16. Bidders Should Qualify Eligibility Criteria as mentioned in the specification.
17. Notwithstanding the above, the purchaser reserves the right to accept or reject any of the quotations / to cancel the bidding process and reject all quotations without assigning any reasons at any time prior to the award of the purchase/ supply order.
18. We look forward to receiving your quotations and thank you for your interest in this procurement.



  
**PRINCIPAL**  
Dr. Ambedkar Institute of Technology  
Bengaluru-560 056  


## Branchwise Required Books List

### DEPARTMENT OF CIVIL ENGINEERING

SI No.	Author	Title	Publisher/edition	Copies
1	Pankaj Agarawal & Manish Shirkhande.	Earthquake resistant structures	2006, PHI Learning	10
2	Devdas Menon	Structural Analysis	Narosa , 1st January	10
3	Rajendra Prasad	Analysis of Determinate structures	Sapna, 16Marc20	10
4	Rajendra Prasad	Analysis of Indeterminate structures	Sapna , 1st Sept 2020	10
5	Gopal ranjan & ASR Rao	Soil mechanics & Foundation engineering	New age International, 2nd ed	10
6	K K Chitkara	Construction Project management	2019, McGraw Hill, 4th ed	10
7	T G Sitharam	Geotechnical engineering	4th Edition, 2005, S Chand	10
8	Yang H Huang	Pavement analysis & Design	Pearsons, 2nd ed; 1st January 2008	5
9	M.G. Aswani & V.N Vazirani	Design of Concrete Bridges	Khanna , 1st January 1995	5
10	D. Johnson Victor	Essentials of Bridge Engineering	Oxford and IBH, 6th ed, 1st January 2019	5
11	S S Bhavikatti	Surveying	2011, IK International	10
12	L R Kadiyal	Urban Transport & planning	2019, Khanna	5
13	CEG Justo	Highway engineering	2019, Khanna	10
14	K Subramanya	1000 Solved Problems in Fluid Mechanics: Includes Hydraulic Machines	McGraw-Hill Education (India)	2
15	Chitkara K K	Construction Project Management	Tata McGraw Hill	10
16	R Rajagopalan	Environmental Studies from Crisis to Cure	Oxford University	20
17	Toolseeram Ramjeawon	Introduction to Sustainability for Engineers	CRC Press, 1st Ed 2020	1
18	David Allen & David Shonard	Sustainability engineering concepts, design and case studies,	Pearson Publishers	1
19	Kadiyal L R	Traffic Engineering and Transport Planning	Khanna Publisher,	5
		<b>Total</b>		<b>149</b>

### DEPARTMENT OF MECHANICAL ENGINEERING

SL No	Author	Title	Edition/ Publisher	Copies
1	Guido van Rossum and Fred L. Drake Jr	An Introduction to Python – Revised and updated for Python 3.2	Shroff Pub., ISBN: 9789352135974, Ed:1	1
2	Wesley J Chun	Core Python Applications programming	3 <sup>rd</sup> edition, Pearson	5
3	Nageshwar Rao	Core Python programming	2 <sup>nd</sup> Edition, Dreamtech	10
4	Robert Sedgewick, Kevin Wayne, Robert	Introduction to Programming in Python: An Inter-disciplinary Approach	Pearson India Education Services Pvt.	1
5	Subburaj-Ramasamy	Mastering Python 3 Programming: Ultimate Guide to Learn Python Coding Fundamentals and Real-World Applications , 18 June 2024	BPB Publications	5
6	Ethem Alpaydin,	Introduction to Machine Learning	2nd Ed., PHI Learning	5
7	Saeed B. Niku	Introduction to Robotics Analysis, Control, Applications,	John Wiley & Sons INC, ISBN 978-0-470-	5
8	S K Saha	Introduction to Robotics	McGraw Hill Education, (India) Pvt	5

9	Ramachandran Nagarajan,	Introduction to Industrial Robotics, 4480-2	Pearson India, 978-93-325	5
10	M. Gopal	Control Systems Principles and Design:,	TMH, 2010	10
11	U.A.Bakshi & V.U.	Control Engineering:,	Technical publications,	5
12	Norman S. Nise	Control Systems Engineering:,	Wiley, Fourth edition	5
13	Allen Stubberud ,Ivan Williams, Joseph	Feedback Control Systems:	Schaum''s series 2010.	2
14	B.C. Kuo, F.	Automatic Control Systems	John Wiley & Sons,	5
15	Dorf Bishop	Modern control Engineering	Pearson, Eleventh	1
16	Stefan Hesse, Ralf Steinmann, Henrik Schunk John	Robot grippers, Gareth J. Monkman,	Wiley & Sons, 27-Feb-2007	1
17	Nathan Ida	Sensors, Actuators, and Their Interfaces: A multi-disciplinary introduction	2nd Ed, , IET ISBN-13: 978-1785618352,2011	1
18	Deb, S. R., and Sankha Deb.	Robotics Technology and Flexible Automation, 2nd Edition	McGraw Hill Education (India) Private Limited, ISBN: 9780070077911	1
19	H.R. Everett	Sensors for mobile robots: Theory and applications	A K PetersLtd,1995	1
20	James J.Allen	Micro Electro Mechanical System Design	CRC Press Publisher,2010	5
21	Lentin Joseph	ROS Robotics Projects	Packt Publishing, March 2017, ISBN -9781783554713	1
22	Morgan Quigley, Brian Gerkey, and William D	Programming Robots with ROS: A Practical Introduction to the Robot Operating System	Shroff/O'Reilly, ISBN-13 978-9352132799	3
23	I. Gibson I D. W. Rosen I B. Stucker	Additive Manufacturing Technologies	Springer NewYork Heidelberg Dordrecht	2
24	Paul F.Jacobs	Stereo lithography and other RP & M Technologies:	Society of Manufacturing Engineers "SME, NY 1996. ISBN-13 : 978-0872634671	2
25	Fiham D.T & Dinjoy S	Rapid manufacturing,.	S Verlog London 2001.	1
26	Duc Pham , S.S. Dimov	Rapid Manufacturing: The Technologies and Applications of Rapid Prototyping and Rapid	Springer	1
27	Rafiq I. Noorani	Rapid Prototyping: Principles and Application,	Wiley	1
28	TomTaulli	The Robotic Process Automation Handbook: A Guide to Implementing RPA Systems,	2020, ISB N - 13 (electronic): 978-1-	1
29	Alok Mani Tripathi	Learning Robotic Process Automation,	Publisher: Packt	1
30	W. Bolton,	Mechatronics	2nd Pearson	5
31	R.S. Ganokar,	Microprocessor Architecture, programming and applications with 8085.8085A-	Penram International Publishers	5
32	Godfrey C.	Mechatronics Principles & applications	Butterworth-	1
33	DanNecsulescu	Mechatronics	Pearson Publication,	1
34	David. G. Aliciature & Michael.B. Bihistand	Introduction Mechatronics & Measurement systems	Tata McGraw Hill, 2000	1
35	Sabri centinkunt	Mechatronics	John wiley & sons Inc.	1
			<b>Total</b>	<b>106</b>

**DEPARTMENT OF AERONAUTICAL ENGINEERING**

Sl.No	Author	Title	Edition/Publication	copies
1	Yahya S M	Gas Tables for Compressible Flow Calculations	New Age International/ 9 <sup>th</sup> Edition	10
			<b>Total</b>	<b>10</b>

**DEPARTMENT OF INDUSTRIAL ENGINEERING AND MANAGEMENT**

Sl. No	Author	Title	Publisher/Edition	Copies
1	International Labour Office Geneva	Introduction To Work Study	Oxford & IBH Publishin	10
2	Khan, M. L.	Industrial Ergonomics	PHI learning	5
3	K.C. Jain,P.L. Verma,Nitin Srivastava	Work Study And Ergonomics	New Age International Publisher Meri Pustak	5
4	Aswathappa K, Sadhna Dash	Human Resource Management Text And Cases	9th Edition McGraw Hill	2
5	Aswathappa K	Human Resource Management	7e Edition McGraw Hill	5
6	Timothy Kloppenborg, Vittal, Anantatmula, Kathryn Wells	Contemporary Project Management	Cengage 4th edition	3
7	Jonathan Khin Ming Lian	Facilities Planning and Design - An Introduction for Facility Planners, Facility	World Scientific	2
8	R. L. Francis, Leon Franklin McGinnis, John A.	Facility Layout and Location: An Analytical Approach	Eastern Economy Edition	2
9	James P Womack And Daniel T Jones	Lean Thinking	Simon & Schuster	2
10	Pascal Dennis	lean production simplified	CRC Press Taylor &	5
11	Michael L George	Lean Six Sigma Pocket Tool book	The McGraw Hill	2
12	David Simchi-Levi, Edith Simchi-Levi	Designing & Managing The Supply Chain	McGraw Hill 4 <sup>TH</sup> edition	2
13	Ramesh C	Maintenance And Safety Engineering	Subhas Publications 2nd	5
14	S P Jain, K L Narang, Simmi Agrawal,Simmi Agrawal, Monika	Accounting For Managers	6th Edition	3
			<b>Total</b>	<b>53</b>

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Sl.No	Author	Title of the Book	Edition /Publisher	No of Copies
1	R K Rajput	A Text book of Electrical Science	2nd edition / Lakshmi Pu	5
2	Chan C C & Chan K T	Modern Electric Vehicle Technology	1st edition / Oxford Univ	2
3	M S Naidu	High Voltage Engineering	2015 / M C Grow Hill	5
4	D W Pattersen	Introduction To AI & Expert Systems	1 / PHI	5
5	J V Lach of Signal	Computer Models for Circuit Analysis &	1 /CBS	5
6	Dr C B Balamurugan N Ramadevi	Sensors and Actuators	Shruthi Publications	2
7	Ciarence De Silva	Sensors and Actuators control and	2007 /CRC	2
8	Bruno Sicilkaro	Robotics Modelling Planning & Control	2010 / Springer	2
9	Kevin M Lynch Frank C Park	Modern Robotics	2017 / Cambridge Unive	2
10	Magadi S Marmoud	Microgrid Advanced Control Methods &	2016 /Butterworth Heine	1
11	Randy allen & Edvard Jacobs	System Integration Microgrids - Design Application & Control	2018 / Nova	2
12	Array C White	Industrial Energy Management System		1
13	Iqbal Hussain	Electric & Hybrid Vehicles Design	CRC Press	1
14	M Ehsani Y Gao	Modern Electric Hybrid Electric and Fuel Cell	2005/ CRC Press	1
15	A G Ter Gazarian	Energy Storage for Power System	2011 / Institution of Eng	1
16	Michel John Sebastain Smith	Application Specific Integrated Circuits	2005 / Wesley Profession	2
		<b>Total</b>		<b>39</b>

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SI No	Author	Title of the book	Publication	Copies
1	Alfred J Menezes,Paul C Van Oorschot,Scott A Vanstone	Handbook of Applied Cryptography	CRC Press	3
2	Mike Tooley	Electronic Circuits, Fundamentals and	Routledge	2
3	Theodore S Rappaport	Wireless Communications	Pearson,2nd Edition	5
4	William Stallings	Cryptography & Network Security	Pearson,7th Edition	5
5	A Nagoor Kani	Control Systems	CBS Publication	5
6	B N Sarkar	Advanced Control Systems	PHI	5
7	Farid Golnaraghi, Benjamin C Kuo	Automatic Control Systems	wiley	5
8	Chithod	Signals & Systems	Technical publication	5
9	Uday Kumar	Signals & Systems	Prism publication	5
10	Bhakshi	Fields and waves	Technical publication	5
11	Basavaraj	Fields and waves	Vikas publications	5
12	Bhakshi	Analog Communication	Technical publication	5
13	Gregory C Burdea	Virtual Reality	Wiley	3
14	John Vince	Introduction to Virtual Reality	Springer	3
15	Meyer Gray, Hurst,	Analysis and Design of Analog Integrated	Wiley	5
16	Rabaey	Digital Integrated Circuits: A design	PHI	3
17	Raj and Albert	VLSI Design	PHI	5

18	Behzad Razavi	Design of Analog CMOS Integrated Circuits	Mac Graw Hill	5
19	Puneet Mittal	VLSI INTERVIEW QUESTION: Static	Puneet Mittal	5
20	Ramdas Mozhikunnath and Robin Garg	Cracking Digital VLSI Verification Interview: Interview Success	Ramdas Mozhikunnath	3
21	Saradindu Panda	Analog and Digital VLSI Circuit Design	Infinite press	5
22	Thomas Dillinger	VLSI Design Methodology Development	Pearson	2
23	Tony Chan Carusone , David Johns	Analog Integrated Circuit Design	Wiley	5
24	Veena S. Chakravarthi	A Practical Approach to VLSI System on Chip (SoC) Design: A Comprehensive Guide	Springer	2
25	Hennessy	Computer Architecture: A Quantitative	Patternson	5
26	Chris Spear	SystemVerilog for Verification: A Guide to Learning the Test bench Language Features	Springer	2
27	Ray Salemi	The UVM Primer: A Step-by-Step Introduction to the Universal Verification	Boston Light Press	3
28	J Bhasker	System Verilog Primer	Star Galaxy Publishing	5
29	Basavaraj Hakari	System Verilog for Verification: System Verilog for RTL verification	Notion Press	5
30	Mike Mintz and Robert Ekendahl	Hardware Verification with System Verilog: An 42Object-Oriented Framework	Springer	2
31	M. Morris Mano and Michael D. Ciletti	Digital Design   With an Introduction to the Verilog HDL, VHDL, and SystemVerilog	By Pearson	5
32	Vanessa R Cooper	Getting Started with UVM: A Beginner's	Verilab Publishing	3
33	Chris Spear , Greg Tumbush	SystemVerilog for Verification: A Guide to Learning the Testbench Language Features	Springer	3
34	Reema Thareja	Programming in C	Oxford	5
35	Sudip Misra, Anandarup Mukherjee, Arijith Roy	Introduction to IoT	Cambridge University Pr	5
36	Srivatsa Vasudevan	Practical UVM (Step By Step Examples)	UVM	2
37	Kathleen A Meade and Sharon Rosenberg	Practical Guide to Adopting Universal Verification Method (UVM)	UVM	2
38	Shameem Akhter / Jason Roberts	Multi-core Programming: Increasing Performance Through Software Multi-	BPB	30
39	Aditya K. Jagannatham	Principles of Modern Wireless Communication Systems Theory and Practice	McGraw Hill Education	30
40	Shubham Kumar	Analog Layout Design	2nd Edition,	5
41	Dr. Nandini N Dr. P Vanajakshi	Applications of Robotics and Automation		5
			<b>Total</b>	<b>218</b>

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DEPARMENT OF COMPUTER SCIENCE				
SI No.	Author	Title	Publisher/edition	Copies
1	Venkatesan	Data Structures,	Wiley/ 2ed   IM   e   k	5
2	Gaikwad	DevOps Tools from Practitioner's Viewpoint	Wiley/   BS   e   k	5
3	Freeman	DevOps for Dummies	Wiley/   e	5
4	Sringeswara	Data Visualization: Storytelling Using Data	Wiley/   IM   BS   e   k	5
5	Acharya	Mastering Data Visualization using Tableau	Wiley/   New   e	5
6	Jayaswal	Cloud Computing Black Book	Wiley/   BS   e	5
7	Misra	Cloud and Distributed Computing :	Wiley/   IM   e   k	5
8	Saurabh	Cloud Computing: Architecting Next-Gen Transformation Paradigms,	Wiley/4ed   e   k	5
9	Sharma	Cloud Computing: Fundamentals, Industry	Wiley/   IM   e   k	5
10	DT Editorial Services	Core and Advanced Java, Black Book, Recommended by CDAC, Revised and	Wiley/   e	2
11	Rao	Core Java: An Integrated Approach, New: Includes All Versions upto Java 8	Wiley/   BS   e	5
12	Toradmalle	Computer Networks and Network Design	Wiley/   e   k	5
13	Shankarmani	Big Data Analytics	Wiley/, 2ed   k	5
14	Wiley Editorial	Internet of Things: Concepts and Applications, An Indian Adaptation   e   k	Wiley/	5
15	Rose	Deep Learning Using Python   IM   e   k	Wiley/	5
16	Godbole	Cyber Security, w/cd   IM   BS   e   k	Wiley/	5
17	Padmanabhan	Cryptography and Security, w/cd   IM   e   k	Wiley/	5
18	Stamp, Saxena	Information Security, 3ed, An Indian	Wiley/	5
19	Tripathi	Introduction to Information Security and	Wiley/	5
20	Asharaf	Blockchain Technology: Algorithms and	Wiley/	5
21	Choudhari	Blockchain for Enterprise Application	Wiley/	5
22	Saurabh	Blockchain Technology   IM   e   k	Wiley/	5
23	Srinivasaraghavan	Machine Learning   IM   e   k	Wiley/	5
24	Chakraborty	Introduction to Large Language Models : Generative AI for Text   New   e   k	Wiley/	5
25	Goel	Artificial Intelligence: Concepts and	Wiley/	5
26	Horstmann	Python For Everyone, 3ed, An Indian Adaptation   New   IM   e   k	Wiley/	5
27	Hyman	Microsoft Power BI for Dummies   e	Wiley/	5
28	Jain	Artificial Intelligence: Making a System	Wiley/	5
29	Khan	The Quick Guide to Prompt Engineering : Generative AI Tips and Tricks for ChatGPT, Bard, Dall-E, and Midjourney, An Indian	Wiley/	5
30	Maheswari	Introduction to Data Science: : Practical Approach with R and Python   IM   BS   e   k	Wiley/	5
31	Mealy	Virtual & Augmented Reality for Dummies   e	Wiley/	5
32	Motwani	Data Analytics using Python   IM   BS   e   k	Wiley/	5
33	Motwani	Machine Learning for Text and Image Data Analysis: Practical Approach with Business	Wiley/	5
34	Mueller	Artificial Intelligence for Dummies   e	Wiley/	5
35	Pradhan	Machine Learning using Python   IM   BS   e	Wiley/	5
36	Rahul	Machine Learning Using R   IM   e   k	Wiley/	5

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37	Rao	Machine Learning in Data Science Using	Wiley/	5
38	Ratnoo	Essentials of R for Data Analytics   IM   e   k	Wiley/	5
39	Thareja	Emerging Technologies for Engineers   New	Wiley/	5
40	Cielen	Introducing Data Science: Big Data, Machine Learning, and More, Using Python Tools   BS	Wiley/	5
41	Marz	Big Data: Principles and Best Practices of Scalable Real-Time Data Systems	Wiley/	5
42	Rao	Core Python Programming : Covers fundamentals to advanced topics like OOPS, Exceptions, Data structures, Files, Threads,	Wiley/	5
43	Kulkarni	Parallel and Distributed Systems, 2ed   k	Wiley/	5
44	Goodrich	Data Structures and Algorithms in Java, 6ed, (An Indian Adaptation)   IM   e   k	Wiley/	5
45	Goodrich	Data Structures and Algorithms in Python, An Indian Adaptation   IM   BS   e   k	Wiley/	5
46	Services	Web Technologies, Black Book, 2018 (As per Mumbai University Syllabus)	Wiley/	5
47	Kogent	Web Technologies: HTML, JAVASCRIPT, PHP, JAVA, JSP, ASP.NET, XML and Ajax,	Wiley/	5
48	Savaliya	Developing Web Applications, 2ed   e	Wiley/	5
49	Jain	Digital Forensic : For Mumbai University	Wiley/	5
50	Khairnar	Storage Network Management and Retrieval	Wiley/	5
51	Mahesh	Theory of Computation: A Problem-Solving Approach, w/cd   IM   e   k	Wiley/	5
52	Pradhan	Raising Enterprise Applications: A Software Engineering Perspective, w/cd   IM   e   k	Wiley/	5
53	Soni	Information Retrieval   e   k	Wiley/	5
54	Andrew Sloss	ARM System Developer's Guide: Designing and Optimizing System Software	Illustrated	10
55	Kai Hwang, Geoffrey C. Fox, Jack J.	Distributed and Cloud Computing: From Parallel Processing to the Internet of Things	1st Edition, Morgan Kaufmann	5
			<b>Total</b>	<b>277</b>

#### DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

Sl No.	Author	Title	Publisher/edition	Copies
1	E.Balaguruswamy	Programming in ANSI C	7th edition/Tata Mc	10
2	A.K Bandyopadhyay	Nano materials	New age publications	10
3	C.P Poole , F.J Owners	Introduction to nano technology	Wiley ,2003	10
4	Roger Martin	The design of business :why design thinking is the next competitive advantage	Harvard Businss Press /2009	10
5	B.R Puri,L.R Sharma & M.S Pathania	Principles of Physical chemistry		10
6	Bhatt N.D	Engineering drawing, plane and solid geometry	53rd edition /charotar publishing house pvt	10
7	Reema Thareja	Computer fundamentals and progamming in C	Oxford	10
8	Dixit Suresh	scientific foundation of health	swasthya shiksha sports publication ,delhi /2006	10

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9	M Morris Mano:	Digital Logic and Computer Design,	14th Impression, Pearson, 14th	10
10	Horowitz, Sahni, Anderson -Freed,	Fundamental s of Data Structures in C	2nd edition/ Universities Press	10
11	Bhushan Trivedi	Programmin g with ANSI C++	Oxford Press, Second Ed	10
12	Herbert Schildt	The Complete Reference - Java	9th Edition, 2016, TMH	10
13	Pindyck, Robert S., and Daniel L.	Microeconomics		10
14	Richard L.	Understanding the Theory and Design of		10
15	Anany Levitin	Introduction to Design & Analysis of	3rd Edition, Pearson	10
16	Ian Sommerville	Software Engineering		10
17	Arthur A. Thompson Jr.AJ Strickland III, John E Gamble	Crafting and Executing Strategy	TataMcGrawHill, 2012	10
18	Imran Bashir	Mastering Blockchain: Deeper insights into decentralizat ion, cryptography, Bitcoin, and	2017	10
19	Joe Tidd, John	Bessant Managing Innovation: Integrating Technologic al, Market and Organization al		10
20	Kai Hwang, Geoffrey C. Fox, Jack J.	Distributed cloud computing : From parallel processing to Internet of things	1 st Edition, Morgan Kaufmann/Elsevier	10
21	Wilkinson and M.	An Introduction to Behavioral Economics		10
22	R. Seyde	Tools for Computation al Finance	2nd edition, Springer - Verlag, New York,	10
23	Landy, F. J. & Conte,	Work in the 21st Century	Oxford: Blackwel l	10
24	Tom M. Mitchell	Machine Learning	India Edition 2013, McGraw Hill Educatio	10
25	Robert N Anthony, David Hawkins, Kenneth Marchant	Accounting: Texts and Cases	McGraw -Hill	10
26	Ross Anderson	Security Engineering		10
27	Saeed Benjamin Niku	Introduction to Robotics: Analysis, Control,	2 nd edition, 2011	10
28	Jennifer Niederst Robbins	A beginner's guide to HTML, CSS, Javascript, and Web Graphics		10
29	Jiawei Han and Micheline Kamber	Data Mining: Concepts and Techniques Morgan Kaufman n,	Publisher s, 3rd ed, 2010	10
30	K. Aswathappa	International Business	5th Edition, Tata Mc Graw Hill, New Delhi,	10
31	Joe Tidd, John Bessant.	Managing Innovation: Integrating Technologic al, Market and Organization al		10
32	Mikael Krogerus & Roman Tschäppeler	The Communicat ion Book: 44 Ideas for Better Conversatio ns Every Day		10
33	Ralph Stair, George Reynold	Principle of Information Systems	10 edition	10
			<b>Total</b>	<b>330</b>

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING				
Sl. No	Author	Title of the Book	Publisher/Edition	No. of Copy
1	Hamdy A. Taha,	Optimization Technique.Operations Research	Pearson, 10 <sup>th</sup> Edition	10
2	Toolsee Ram Ramjeawon	Green IT And Sustainability., "Introduction To Sustainability For Engineers	CRC Press, 1 <sup>st</sup> Edition	8
3	Wilbert O. Galitz	The Essential Guide To User Interface Design	John Wiley & Sons,	10
4	Full Stack	Adrian Holovaty, Jacob Kaplan Moss	Philip Ackermann	5
5	Tom M. Mitchell	Machine Learning	Tata Mc Graw Hill	10
6	Arshdeepbahga, Vijay Madisetti	Internet Of Things	MK Publications, 1 <sup>st</sup> Edition	10
7	Tom Taulli	The Robotic Process Automation Handbook	Springer	8
8	Hardmod Carlyle Nicolao Crypt	Tosca Automated Software Testing		5
9	Selenium Testing Tools Cookbook	Software Testing Automation Using Selenium	Adactin Group Pvt. Ltd	10
10	Mikael Krief,	Learning Devops	Oct-19	10
11	By Ian Goodfellow, Yoshua Bengio, And Aaron Courville	Generative Artificial Intelligence	Wiley Publications	10
12	Rinkoo Jain Asin	Data Analytics With Excel	A to Z of MS EXCEL: A book for learners and	10
13	Jones,O.,Maillardet.R. Androbinson,	Rprogramming	R.Chapman&Hall/CRC, TheR Series.	5
14	Prem Kumar Ponuthorai, Jon	Version Controlling With GIT	O'Reilly Media,Inc	8
15	Mckinney,	Data Visualization With Python	2nd edition. O'Reilly	5
16	Ian Goodfellow, Yoshua Bengio, Aaron	Deep Learning	MIT Press, 2nd Edition,	5
17	M. Arif Wani , Farooq Ahmad Bhat ,Asif Iqbal Khan	Advances in Deep Learning: 57 (Studies in Big Data)	Springer Verlag, 2020	5
18	Charu C Aggarwal	Neural networks and deep learning	Springer, 2018	5
19	Bengio Yoshua	Learning Deep Architectures for AI Foundations and Trends in ML		5
20	N D Lewis,	Deep Learning made easy with R: A Gentler introduction for data science	2016	5
21	Nikhil Buduma	Fundamentals of Deep learning : Designing next generation machine intelligence	O'Reilly Media,Inc,	5
			<b>Total</b>	<b>154</b>

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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE ENGINEERING AND MACHINE LEARNING**

Sl No.	Author	Title	Publisher/edition	Copies
1	ThomasH. Cormen, Charles E. Leiserson, RonallL. Rivest, Clifford Stein	Introduction to Algorithm	2nd Edition, PHI, 2006	2
2	Silberschatz, Korth and Sudharshan	Database System Concepts	5th Edition, Mc- GrawHill,	1
3	J. P. Tremblay and R. Manohar	Discrete Mathematical Structures with Applications to Computer	Tata McGraw-Hill	1
4	Chartrand and Ping	Introduction to graph theory	Tata McGraw-Hill	1
5	Toolseeram	Introduction to Sustainability for Engineers	CRC Press, 1st Edition	1
6	Allen, D. T., and	Sustainability Engineering: Concepts, Design	Prentice Hall, Pearson	1
7	Shachi Shah V. Venkatramanan, Ram Prasad	Sustainable Green Technologies for Environmental Management	Springer Singapore, 2019.	1
8	Ni bin Chang	Systems Analysis for Sustainable Engineering: Theory and Applications	McGraw-Hill Professional, 2011	1
9	Lane, H., & Hapke, H.	Natural Language Processing in Action: Understanding, Analyzing, and Generating	Manning Publications, 2019	2
10	Goldberg, Y.	Neural Network Methods in Natural	Morgan & Claypool	2
11	Nandini Prasad K.S.	Automata Theory and Computability	1 <sup>st</sup> Edition, Cengage	1
12	Imran Bashir	Mastering Blockchain Distributed ledgers, decentralization and smart contracts explained	Packt Publishing Ltd, Second Edition	2
13	Kumar saurabh, Ashutosh saxena	Block chain Technology (Concepts and applications),	Wiley, 2020	1
14	Rajkumar Buyya, Christian Vecchiola, S Thamarai Selvi	Mastering Cloud Computing	Tata McGraw Hill Education Private Limited, 2013	1
15	Dinkar Sitaram, Geetha Manjunath	Moving to the Cloud	Elsevier Publications, 2011	1
16	Eli Stevens, Luca Antiga, and Thomas	Deep Learning with PyTorch	MANNING publications	1
			<b>Total</b>	<b>20</b>

**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING**

Sl. No.	Author/s	Title	Publication/Edition	Copies
1	Dr. Sunilkumar S. Manvi, Dr. Mahabaleshwar S.	Wireless and Mobile Networks - Concepts and Protocols	Wiley / Second Edition	5
2	Anil K Maini, Varsha Agarwal	Satellite Communications	Wiley	5
3	Dipankar Deb, Rajeeb Dey and Valentina E	Engineering Research Methodology	Springer	5
4	Prof. Rupinder Tewari, Ms. Mamta	Intellectual Property A Primer for Academia	--	5
5	David V. Thiel	Research Methods for Engineers	Cambridge University	5
6	Dr. Rajendra Singh C., Dr. N Rathnakar	Biology for Engineers	IBOP Facilitators, JIRS, Bangalore	100
7	Dr. Vipula Singh	Digital Image Processing with MATLAB and	FILLIP LEARNING	5
8	Gowrishankar S., Veena A.	Introduction to Python Programming	CRC Press	5
9	Reema Thereja	Introduction to C Programming	Oxford University	5
10	Timothy J. Ross	Fuzzy Logic with Engineering Applications	Wley Publication	5
11	S.N. Sivanandam, S. Sumathi, S. N. Deepa	Introduction to Fuzzy Logic using MATLAB	Springer	5
12	S N Sivanandam & M Paulraj	Introduction to Artificial Neural Networks	Vikas Publishing	5
13	Ethem Alpaydyn	Introduction to machine learning	Second edition, MIT	5
		<b>Total</b>		<b>160</b>

**DEPARTMENT OF PHYSICS**

Sl No.	Author	Title	Publisher/edition	Copies
1	A P French	Vibrations and Waves,	MIT Introductory	5
2	R. K. Gaur and S. L. Gupta,	Engineering Physics	Dhanpat Rai Publications Ltd., New	5
3	S L Kakani, Shubra Kakani,	Engineering Physics,	CBS Publishers and Distributors Pvt. Ltd.,	5
4	Stein, Seth, and Michael Wyssession.	Introduction to Seismology, Earthquakes, and Earth Structure	Blackwell Publishing, 2003	1
5	Micheal Bukshtab	Photometry Radiometry and Measurements of	Springer, 2nd edition.	1
6	S Mani Naidu,	Engineering Physics,	Pearson, 2025	5
7	Lagoudas, D. C.	Shape Memory Alloys: Modeling and Engineering Applications.	Springer, 2008. ISBN: 978-0-387-47684-1.	1
8	Holnicki-Szulc, J., & Rodellar, J. (Eds.).	Smart Structures: Requirements and Potential Applications in Mechanical and Civil	Springer, 1999. ISBN: 978-0-7923-5612-7.	1
9	D S Mathus, S Chand,	Elements of Properties of Matter	Reprint 2016	5
10	S.S. Thipse	Cryogenics: A Text Book	Alpha Science	2
11	M N Saha and B N Srivastava	Treatise on Heat, 2nd Edition	Indian Press, 1935; Original from, the	5

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12	Sam Zhang, Lin Li, Ashok Kumar	Materials Characterization Techniques	CRC Press, First Edition, 2008.	1
13	S Mani Naidu	Engineering Physics	Pearson, Fourteenth	5
14	Beiser, A.	Concepts of Modern Physics	McGraw-Hill	5
15	Griffiths, D. J.	Introduction to Quantum Mechanics	Pearson, 2nd or 3rd ed.,	5
16	Tinkham, M.	Introduction to Superconductivity	Dover Publications,	2
17	Mishra, P. K.	Superconductivity – Basics and Applications.	Ane Books, 2009	1
18	Ghatak, A., & Thyagarajan, K.	Optical Electronics.	Oxford University Press, 2005.	5
19	Saleh, B. E. A., & Teich, M C	Fundamentals of Photonics	Wiley (3rd ed.) (2019)	1
20	Nielsen, M. A., & Chuang, I. L.	Quantum Computation and Quantum Information	Cambridge University Press, 10th	1
21	A J Dekker	Solid State Physics	Indian Ed., Macmillan Publishers India, New	5
22	Mehta & Rohit Mehta, S Chand	Principles of Electronics, V K	Company, 7th Edition 2008.	5
23	S L Kakani, Shubra Kakani	Engineering Physics	CBS Publishers and Distributors Pvt. Ltd.,	5
24	Wiley Precise	Engineering Physics	Text Books Series,	5
25	Gaur and Gupta-Dhanpat Rai	Engineering Physics	Publications-2017.	5
26	R. K. Shukla	Electrical Engineering Materials, ,	Tata McGraw-Hill Education, India , 2017	5
27	B B Loud,	LASERS and Non-Linear Optics	New Age International	5
28	Vishal Sahani	Quantum Computing	McGraw Hill	5
			<b>Total</b>	<b>102</b>

#### DEPARTMENT OF MATHEMATICS

Sl No	Author	Title of the book	Edition/ Publisher	Copies
1	John B Conway	Functions of one complex variable	Springer / 2nd edition	1
2	S Ponnusamy	Foundations of complex analysis	Narosa /2nd edition	2
3	Stephen H Friedberg, Arnold J Insel, Lawrence E Spence	Linear Algebra	Pearson / 5th edition	2
4	Erwin Kreyszig	Advanced Engineering Mathematics	Wiley/ 9th edition	2
5	Erwin Kreyszig	Advanced Engineering Mathematics	Wiley /8th edition	2
6	H K Dass	Advanced Engineering Mathematics	S Chand /22nd edition	2
7	Joel Hass, Christopher Heil, Przemyslaw Bogacki, Maurice D	Thomas' Calculus	Pearson / 15th edition	2
8	Neal koblitz	A course in number theory and cryptography	Springer /2nd edition	1
9	David M Burton	Elementary number theory	Mc Graw Hill/ 7th	2
10	Kenneth Hoffman, Ray Kunze	Linear Algebra	Pearson / 2nd edition	2
11	Seymour Lipschutz, Marc Lipson	Linear Algebra	Mc Graw Hill Education /3rd edition	2

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12	V. Ramana	Higher Engineering Mathematics	McGraw-Hill Education	2
13	Srimanta Pal & Subodh C. Bhunia	Engineering Mathematics	Oxford University Press	2
14	C. Ray Wylie, Louis C. Barrett	Advanced Engineering Mathematics	McGraw Hill Book Co./6	2
15	H. K. Dass and Er. Rajnish Verma	Higher Engineering Mathematics	S. Chand Publication/ 6th	2
16	Gareth Williams	Linear Algebra with applications	Jones Bartlett Publishers	2
17	Wei-Chau Xie	Differential Equations for Engineers	Cambridge University Pr	1
18	Peter v. O'neil	Advanced Engineering Mathematics	Cengage learning /7th ed	2
19	Sundarapandian, V	Probability, statistics and queuing theory	Prentice Hall,	2
20	G Haribaskaran	Probability queuing theory and reliability engineering	Laxmi Publications,2nd	2
21	Peter Bruce, Andrew Bruce, Peter Gedeck	Practical statistics for Data scientists	O'reilly	2
22	H C Taneja	Advanced Engineering Mathematics	InternationalPublishing	2
23	H C Taneja	Advanced Engineering Mathematics	InternationalPublishing	2
			<b>Total</b>	<b>43</b>

#### DEPARTMENT OF MBA

SI No.	Author	Title	Publisher/edition	Copies
1	E. Fischer Donald, J. Jordan Ronald and K. Pradhan Ashwini	Security Analysis Portfolio Management	7e Paperback – 30 October 2018	2
2	Rabi Narayan Kar, Minakshi	Mergers Acquisitions & Corporate Restructuring , Strategies & Practices	Taxmann, 3rd edition, July 2023	2
3	Rajinder S Aurora, Kavita Shetty, Sharad	Mergefs and Acquisitions	Oxford University Press, July 2011	2
4	S C Gupta	Fundamentals of Statistics	Himalaya Publishing	5
5	R. C. Sharma	Industrial Relations and Labour Legislation	Prentice Hall India Pvt., Limited, Eastern	2
6	Dr. C.S.G. Krishnamacharyulu, Dr. Lalitha	Business Communication	Himalaya Publishing House, 3rd edition, 2022	2
7	Peter J. Dowling, Marion Festing, Allen	International Human Resource Management	Cengage, 7th Edition, 2018	2
8	Ritu Arora	Mastering Advanced Excel	BPB Publications, 21	2
9	Gupta SP (Dr), Gupta PK (Dr), Mohan Man	Business Statistics and Operations Research	Sultan Chand & Sons, 2022	2
10	Hunger, J David	Essentials of Strategic Management:	Pearson, 5th Edition,	1
11	A. C. Fernando E. K. Satheesh K. P. Muraleedharan	Corporate Governance: principles, policies and practices	3/e, Pearson	2
12	Shajahan S	Applied case studies in marketing	Primus Books, 2011	1
13	Goel P K	Business law for managers	Biztantra Publisher,	2
14	Dominick Salvatore , Siddhartha Rastogi	Managerial Economics: Principles And Worldwide Applications	Oxford University Press, 9th Edition	5

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15	William F. Samuelson, Stephen G. Marks, Jay L. Zagorsky	Managerial Economics	John Wiley & Sons Inc, 9th Edition	1
16	Aswathappa K	Human Resource Management, Text And	8th edition , HPH	2
17	C R Kothari	Research Methodology	New Age International	5
18	Nithyananda. K. V.	Intellectual Property Rights: Protection and	Cengage Learning	5
19	Beverly E. Jones, Kerry Hannon	Think Like an Entrepreneur, Act Like a CEO: 50 Indispensable Tips to Help You Stay Afloat, Bounce Back, and Get Ahead at Work	Career Pr Inc, December 2015	1
20	Ashok Soota, S.R. Gopalan	Entrepreneurship simplified from idea to: From Idea to IPO	Penguin Random House India, October	1
21	D P Sabharwal	Personality Development	Prakash Books	2
22	Elizabeth B. Hurlock	Personality Development	Tata Mc Graw Hill	2
23	Dr. Lalit Prasad (Author), Dr. Priyanka	Data Analysis using SPSS: Text and Cases, For Researchers, Teachers and Students	Nirali Prakashan, January 2022	1
24	Roger Martin	The Design of Business – Why Design Thinking is the next Competitive Advantage	Harvard Business Press, 2009	2
25	Claude Diderich,	Design Thinking for Strategy – Innovating towards Competitive Advantage	Springer, 2020	1
			<b>Total</b>	<b>55</b>

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