

DEPARTMENT WISE LIST OF BOOKS PURCHASED DURING 2019-20

Computer Science

Sl No	Title	Author
1	Web Design Handbook	
2	Artificial Intelligence	Kaushik Saroj
3	Data Mining and Data Warehousing	Bhatia Parateek
4	Data Structures and Applications	Padma reddy.A.M.
5	Introduction to Computer Science Using Python	Dierbach Charles
6	Let Us C	Yashavant Kanetkar
7	Artificial Intelligence and Soft Computing	Anindita Das Bhattacharya
8	Raspberry Pi Cookbook	Monk Simon
9	The AVR Microcontroller and Embedded systems	Mazid Muhammad Ali ,Naimi Sepehr
10	Computer Networking: A Top-Down Approach	Kurose James Fand Ross Keith W
11	Deep Learning	Patterson Josh and Gibson Adam
12	Fundamentals of Deep Learning	Buduma Nikhil and Locascio Nicholas
13	Head First Android Development	Griffiths Dawn and Griffiths David
14	Internet of Things	Raj Kamal
15	Introducing Python	Lubanovic Bill
16	Machine Learning using Python	Manaranjan Pradhan and U Dinesh Kumar
17	Natural Language Processing with Python	Bird Steven,Klein Ewan and Loper Edward
18	Tensor Flow for Deep Learning	Ramsundar Bharath
19	Thoughtful Machine Learning with Python	Kirk Matthew

Civil Engineering

Sl No	Title	Author
1	Design of Steel Structures	Bindhu,Mitra and Biju
2	Dictionary of Civil Engineering	George Bailey
3	The Repair of Vehicle Bodies	Andrew Livesey and A Robinson
4	Building Materials	S.K. Duggal
5	Non-Conventional Energy Resources	D.S. Chauhan and S.K. Srivastava
6	Airport Engineering: Planning & Design	Saxena Subhash C
7	Alternative Building Materials and Technology	Ashwini Manjunath.B.T
8	Brick and Reinforced Brick Structures	Dayaratnam and Sarah
9	Building Planning and Drawing	Bhavikatti S.S. and M.V.Chitawadagi
10	Concrete Technology	Neville A. M. and J.J. Brooks
11	Construction Methods for Civil Engineering	Amsterdam Errol van
12	Construction Project Management	Chitkara
13	Design of Bridges	N.Krishna Raju
14	Design of Prestressed Concrete	Bhavikatti S.S
15	Design of Reinforced Concrete	Prakash Suriya A
16	Design of Reinforced Concrete Structure	Dayaratnam P and Sarah P
17	Design of Reinforced Concrete Structures	Subramanian N
18	Design of Steel Structures	Bhavikatti S.S
19	Drawing For Civil Engineering	Vander Westhuizen Jan A
20	Earthquake Resistant Design of Building Structures	Dr.Hosur Vinod
21	Principles and Practices of Highway Engineering	Dr.L.R.Kadiyali and Dr.N.B.lal
22	Indeterminate Structural Analysis	Dr. K.U. Muthu, Dr. H. Narendra,Dr. Maganti Janardhana and M. Vijayanand
23	Limit State Design of Steel and RCC Structures	Halakatti Vijaya kumar,Prakash K. E,N. S Kumar and Prahallada M. C
24	Matrix Analysis of Framed Structures	Weaver William and Gere James M
25	Prestressed Concert	Krishna Raju N
26	Steel Designer's Handbook	Shyam,Tinyo and Gorec
27	Strength of Materials	Kaushik R.K

28	Strength of Materials	Nag Debabrata and Chanda Abhijit
29	Surveying	Kavanagh Barry and Mastin Tom
30	Textbook of Highway and Traffic Engineering	Saxena Subhash C
31	Water-Resources Engineering	Chin David
32	Modern Construction Management	Harris Frank and McCaffer Ronald
33	Text Book Building Construction	S K Sharma
34	Basic Surveying	Vishwanath H.S
35	Civil Engineering	Khurmi R. S. And Gupta J.K.
36	Concert technology	Shetty M.S and Jain A.K.
37	Irrigation Engineering and Hydraulic Structures	Sharma S. K.
38	Irrigation Engineering	Sharma R.K.and Sharma T.K.
39	Principles of Geotechnical Engineering	Das Braja M and Sobhan Khaled
40	Remote Sensing and GIS	Bhatta Basudeb
41	Steel Design	Segui William T.
42	Strategic Management	Hill Charles W. L and Jones Gareth R.
43	Traffic and Highway Engineering	Garber Nicholas J and Hoel Lester A.
44	Traffic Engineering	Roess Roger P,Prassas Elena and McShane William
45	Design of Steel Structures	Bindhu,Mitra and Biju

Chemistry		
SI No	Title	Author
1	Engineering Chemistry	Gadag R.V. and A. Nityananda shetty
2	Physical Chemistry: Thermodynamics, Statistical Mechanics, and Kinetics	Cooksy Andrew
3	A Textbook of Engineering Chemistry	S S Dara and S S Umare
4	Chemistry for Engineering Students	B.S.Jai Prakash, R. Venugopal
5	Principles of Instrumental Analysis	Skoog Douglas A, Holler James

Electronics & Communication Engineering		
SI No	Title	Author
1	Optical Fiber Communication Systems with MATLAB and Simulink Models	Binh Le Nguyen
2	Analog Integrated Circuit Design	Chan Carusone Tony,Johns David
3	Digital Communication	Rao Ramakrishna P
4	Digital Design	Mano Morris M and Ciletti Michael D
5	Digital Electronics	Anil K.Maini
6	Digital Image Processing	Gonzalez Rafael C. and Woods Richard
7	Digital Integrated Circuits	Rabaey Jan M,Chsndrakasan Anantha
8	Digital Signal Processing	Antoniou Andreas
9	Electromagnetic Field Theory and Transmission Lines	Gottapu Sasibhushana Rao
10	Learning TensorFlow	Hope Tom, Resheff Yehezkel S.
11	Make: Basic Adriano Projects	Wilcher Don
12	Make: Getting Started With Raspberry Pi	Richardson Matt and Wallace Shawn
13	Make: Jumpstarting The Adriano 101	Shi Yining and Mohite Sagar
14	Make: Jumpstarting the Raspberry Pi Zero W	Peck Akkana
15	Make: Learn Electronics with Adriano	Culkin Jody and Hagan Eric
16	Microwave Engineering	Dr. K.T. Mathew
17	Micro and Smart Systems	Ananthasuresh,Vinoy,Gopalakrishnan
18	Programming Robots with ROS	Quigley Morgan,Gerkey Brian
19	Python for Everybody	Charles Severance
20	Robotics: Control, Sensing, Vision, and Intelligence	Fu K. S,Gonzalez R.C. and Lee C.S.G
21	Satellite Communications	Anil K.Maini and Agrawal Varsha
22	Signals and Systems	Krishnaveni V and Rajeswari A

23	VLSI Design Black Book	Prasad Dr. K.V.K.K and Shyamala Kattula
24	Wiley Acing the Gate	Maini Anil K, Agrawal Varsha
25	Electric Circuit Analysis	Bakshi U.A and late A.V.Bakshi
26	Fundamentals of Digital Circuits	Anand Kumar A
27	Fundamentals of Logic Design	Roth Charles H, Kinney Jr. Larry L
28	GATE 2020 - Guide - Electronics and Communication	GKP
29	Introduction to Nanoelectronics	Mitin Vladimir V, Kochelap Viatcheslav
30	IOT and Wireless Sensor Networks	Geetharani P.
31	Operational Amplifiers and Linear Ics	David A. Bell
32	Switching and Finite Automata Theory	Kohavi Zvi and Jha Niraj K..
33	Wireless Communications	Goldsmith Andrea

Electrical & Electronics Engineering

SI No	Title	Author
1	Design of Machine Elements	M.H. Annaiah
2	Design of Machine Elements	M.H. Annaiah
3	Computer Methods in Power System Analysis	Stagg gleen and Ei-Abiad
4	Electrical Machine Design	Rajini V and Nagarajan V.S.
5	Electrical Systems Design	Giridharan M.K.
6	Fundamentals of Electrical Engineering	Dr.Dwivedi Bharti and Dr. Anurag Tripathi
7	Power System Analysis	Shubhanga K. N.
8	Power transmission and distribution	Ingole Arum
9	Renewable Energy	Ghosh Roy M.K.
10	Network Analysis	Venkatesh K. Channa and Rao Ganesh D.
11	GATE 2020 - Guide - Electrical Engineering	GKP
12	Handbook Electrical Engineering	GKP
13	Objective Electrical Technology	Mehta V. K. and Rohit Mehta
14	Design of Machine Elements	M.H. Annaiah

Industrial Production

SI No	Title	Author
1	Introduction to Work Study	ILO
2	Marketing	Baines Paul, Fill Chris, Page Kelly
3	Work Study and Ergonomics	Singh Lakhwinder Pal
4	Textbook of Work Study Ergonomics	Dalela Suresh and Saurabh

Information Science

SI No	Title	Author
1	Artificial Intelligence and Soft Computing	Bhattacharya Anindita Das
2	Artificial Intelligence	Dr. Nilakshi Jain
3	Block chain	Swan Melanie
4	Data Analytics with Hadoop	Bengfort Benjamin and Kim Jenny
5	Data Science from Scratch	Grus Joel
6	Learning Python	Lutz Mark
7	Mastering Ethereum	Antonopoulos Andreas M
8	Think Python	Downey Allen B.
9	Internet of Things	Srinivasa K. G. , Siddesh G. M
10	Python Programming	Thareja Reema

Mathematics

Sl No	Title	Author
1	A Bridge to Mathematics	Bagai Shobha,Habib Amber
2	Algebraic Methods in Statistical Mechanics and Quantum Field Theory	Emch Gerard G
3	Basic Probability Theory With Applications	Lefebvre Mario
4	Elementary Induction on Abstract Structures	Moschovakis Yiannis N
5	Finite-Dimensional Linear Analysis	Glazman and Ijubic
6	Graduate texts in mathematics	Dinakar Ramakrishnan and Valenza Robert
7	Numerical Solution of Nonlinear Boundary Value Problems with Applications	Kubicek Milan and Hlavacek Vladimir
8	Statistical Methods for the Analysis of Repeated Measurements	Davis Charles S
9	The Basic Practice of Statistics	Davis Charles S
10	A Course In Real Analysis	Sayad Ali Ahmed
11	First Course In Probability	Sheldon Ross
12	Friendly Introduction to Number Theory	Silverman Joseph
13	Advanced Engineering Mathematics	Erwin Kreyszig
14	An Introduction to Analysis	Wade William R
15	Computer Based Numerical and Statistical Techniques	Kamlendra Kumar and Rakesh Kumar
16	Computer Graphics	Pradeep K. Bhatia
17	Computer Graphics	Hughes john F
18	Differential Calculus	Kumar Mukesh,Singh A.P
19	Discrete and Combinatorial Mathematics	Grimaldi Ralph P
20	Elementary Linear Algebra	Spence lawrence E, Insel Arnold J
21	Engineering Mathematics I	Kala Vijay Nand and Bhadula Rakesh C
22	Engineering Mathematics II	Kala Vijay Nand and Bhadula Rakesh C
23	Graph Algorithms	Needham Mark and Hodler Amy
24	Graph Databases	Robinson Ian, Webber Jim
25	Introduction to Linear Algebra	Johnson lee, Riess Dean and Jimmy Arnold
26	Linear Algebra and Its Applications	A. Ganesh
27	Mathematical Thinking	D'Angelo John P and West Douglas B.
28	Numerical Methods in Science and Engineering	Pundir Sudhir K.
29	Probability and Statistics	Mukesh Kumar,A P Singh,
30	Probability and Statistics for Engineers	Ravichandran J
31	Probability Theory and Random Processes	Mergu Kattaswamy
32	Thomas Calculus	Hass Joel , Heil Christopher
33	Engineering Mathematics	Pal Srimanta and Bhunia Subodh
34	Probability, Statistics, and Random Processes for Engineers	Williams, Richard H.

MBA

Sl No	Title	Author
1	Basic Principles & Practice of Business Administration	C. H. Sharma
2	Business Administration	C. H. Sharma
3	Business Ethics and Corporate Governance	Dr. Neha Arora
4	Capital Rules : The Construction of Global Finance	Dr. Neha Arora
5	Emerging Issues in Human Resource Management Perspectives and Avenues	Dr. Chandan Medatwal and Dr. R.A. Gupta
6	Financing International Trade	Sanati Gargi
7	Globalised Economy and Banking Sector	Dr. Neha Arora
8	HR Analytics	Bhattacharyya Dipak Kumar
9	Human Resource Information Systems	Kavanagh Michael,Thite Mohan and Johnson Richard
10	Public Administration in a Globalizing World	Chakrabarty Bidyut and Chand Prakash

11	Analysing Macro Economics	Rakesh P Singh
12	Applied Business Statistics	Black Ken
13	Cases in Management	Jakohotiya Girish and Jakhotiya Manjiri
14	Data Analysis with Open Source Tools	Janert Philipp K.
15	Data Science for Business	Provost Foster and Fawcett Tom
16	Fundamentals of Business Analytics Using Excel and R	Kavitha Venkatachari
17	Python for Finance	Hilpisch Yves
18	Introduction to Derivatives and Risk Management	Chance Don M, Brooks Robert
19	Business Ethics	Kumar Shailendra and Rai Alok Kumar
20	B2B Marketing	Hutt Michael D, Sharma Dheeraj
21	Business Research Methods	Zikmund William G,Babin Barry J,
22	Communication Skills	Sanjay Kumar and Pushp Lata
23	Communication Skills	Sanjay Kumar and Pushp Lata
24	Digital Marketing From Fundamentals to Future	Swaminathan T. N. and Karthik Kumar
25	English Language and Communication Skills for Engineers	Sanjay Kumar and Pushp Lata
26	Essentials of Business Analytics	Camm Jeffrey D ,Cochran,Fry,Ohlman and Others
27	Essentials of Marketing	Baines Paul,Fill Chris and Page Kelly.
28	Fundamentals of Financial Management	Brigham Eugene F and Houston Joel F.
29	Global Business	Peng Mike W and Srivastava Deepak K.
30	Management and Entrepreneurship	Bedi K.
31	Management and Engineering Economics	Phaneesh K.P.
32	Organizational Behaviour with Course Mate Managing People and Organizations	Griffin Ricky W. And Moorhead Gregory
33	Principles of Marketing	Kotler Philip T, Armstrong Gary and Agnihatri Prafulla
34	Principles of Responsible Management	Laasch Oliver and Conaway Roger N.
35	The Indian Economy	Sanjiv Verma

MCA		
Sl No	Title	Author
1	Android Cookbook	Darwin Ian
2	The Enterprise Big Data Lake	Gorelik Alex
3	R for Everyone	Lander Jared P.
4	Spark: The Definitive Guide	Chambers Bill and Zaharia Matei

Mechanical Engineering		
Sl No	Title	Author
1	Design of Machine Elements II	Raghavendra.K
2	Engineering Drawing	Annaiah,Kumar Prem and Chandrappa
3	Workshop Technology	Chapman
4	Control System Analysis and Design	A.K. Tripathi,Dinesh Chandra and Rajeev Gupta
5	Workshop Technology	Chapman W. A.J
6	Analysis and Design of Machine Elements	V.K. Jadon and Suresh Verma
7	CAD/CAM: Principles and Applications	Rao P N
8	Callister's Materials Science and Engineering	Balasubramaniam R.
9	Design of Machine Element	Raghavendra K
10	Design of Machine Elements	Spotts M. F, Shoup Terry E. And Hornderger
11	Engineering Drawing	Parthasarathy N.S. and Vela Murali
12	Fluid mechanics and Hydraulic Machines	Mahesh Kumar
13	Machine Design	Robert L. Norton
14	Maleev and Hartmans Machine Design In SI Units	O.P. Grover
15	Manufacturing Engineering and Technology	Serope Kalpakjian and Steven R. Schmid
16	Manufacturing Processes for Engineering Materials	Serope Kalpakjian and Steven R. Schmid
17	Mat lab	Amos Gilat
18	Mechanical Vibrations	Singiresu S. Rao
19	Mechanics and Strength of Materials	K. Raghavendra
20	Mechanics for Engineering	Howard Fawkes
21	Mechanics of Materials	Beer,Johnston, Dewolf,Mazurek and Sanghi
22	Mechanics of Materials	Hibbeler R.C.
23	Modelling and Simulation using MATLAB	Dr. Shailendra Jain
24	Mechanical Vibrations	Debabrata Nag Dr.
25	Design Data Handbook	Mahadevan K. And Balaveera Reddy K.
26	Dynamics of Machinery	Das J.B.K and Srinivas Murthy P L
27	Gate 2020 - Guide - Mechanical Engineering	GKP
28	Mechanics of Materials, Strength of Materials	Pilli S C and Balasubramanya N
29	Strength of Materials	Das J.B.K and Vishwanath H S
30	Theory of Machines	J. K. Gupta and R S Khurmi

Physics		
Sl No	Title	Author
1	A Textbook of Applied Physics	A.K. Jha
2	Applied Physics	Dr.H.L.Vishwakarma
3	Concepts of Modern Physics	Arthur Besier, Shobhit Mahajan
4	Engineering Physics	Shatendra Sharma and Jyotsna Sharma
5	Introduction to Physics	John D. Cutnell, Kenneth W Johnson, David Young and Shane Stadler
6	Kittels Introduction to Solid State Physics	Kittel Charles
7	Nano science and Nanotechnology: Fundamentals of Frontiers	Ramachandra Rao M.S and Shubra Singh
8	Sustainable Energy	Richard Dunlap A.