

DEPARTMENT WISE LIST OF BOOKS PURCHASED DURING 2018-19

Computer Science		
SI No	Title	Author
1	Research Methodology	Ranjit Kumar
2	Machine Learning	Tom Mitchell M.
3	Python Programming	Reema Thareja
4	PIC Microcontroller and Embedded Systems	Mazidi Muhammad Ali, Mckinlay Rolind D and Causey Danny
5	The Complete Reference C++	Herbert Schildt
6	Introduction to Parallel Computing	Grama Ananth, Gupta Anshul, Karypis George and Kumar Vipin
7	A Verilog HDL Primer	Bhasker. J
8	Hadoop Operations	Eric Sammer
9	Hadoop	Tom White
10	TensorFlow for Deep Learning	Ramsundar Bharath and Zadeh Reza Bosagh
11	Hands-On Machine Learning with Scikit-Learn and TensorFlow	Aurélien Géron

MCA		
SI No	Title	Author
1	Schaum's outline programming with C	Gottfried Byron
2	.Net 4.5 programming 6-in-1	DT editorial Service

MBA		
SI No	Title	Author
1	Basic Econometrics	Gujarati Damodar N, Porter Dawn C. and Gunasekar Sangeetha
2	Fundamentals of Management	Robbins Stephen P, Coulter Mary and Cenzo David De
3	Industrial relations in India	Ravindranath E. I.
4	Winning on HR analytics	Soundararajan Ramesh and Kuldeep Singh
5	GST-A Practical Approach	Vashishtha Chaudhary, Ashu Dalmia and Shaifaly Girdharwal
6	Students' Guide to Income Tax Including GST	Vinod K Singhania and Monica Singhania,

Information Science		
SI No	Title	Author
1	Project Management	Kerzner Harold
2	Cyber Security	Godbole Nina and Belapure Sunit
3	Software Testing and Analysis	Pezze Mauro and Young Michal
4	Data Structures	Gilberg Richard and Forouzan Behrouz A.
5	TCP/IP Protocol Suite	Forouzan Behrouz A.
6	Professional Mobile Application Development	Mcwherter Jeff and Gowell Scott
7	The Internet of Things	Hersent Olivier, Boswarthick David and Elloumi Omar
8	Big Data, Black Book	DT Editorial Services
9	Hadoop Operations	Sammer Eric
10	The hodoop the definetete guide	Tem White

11	Fundamentals of Python	Lambert Kenneth A and Juneja B. L.
12	Cyber Security Policy Guidebook	Bayuk Jennifer L, Healey Jason , Rohmeyer Paul , Sachs Marcus H, Schmidt Jeffrey and Weiss Joseph

PG Civil		
Sl No	Title	Author
1	Dynamics of Structures	Chopra Anil K
2	Geotechnical Earthquake Engineering	Kramer Steven L
3	Engineering Mechanics of Composite Materials	Daniel Isaac M.and Isha Ori
4	Principles of Geotechnical Engineering	Das Braja M and Sobhan Khaled
5	Composites Engineering Handbook	Mallick P. K.
6	Composites Engineering Handbook	Mallick P. K.
7	Mechanics of Laminated Composite Plates and Shells	Reddy J. N.
8	Soil Mechanics and Foundations Engineering	Raj Purushothama P.
9	Soil Mechanics	Lambe T. William and Whitman Robert V.
10	An Introduction to Composite Materials	Hull D. And clyne T. W.
11	Analysis and Design of Substructures Limit State Design	Saran Swami
12	Structural Analysis of Polymeric Composite Materials	Tuttle Mark E.
13	Matrix Analysis of Framed Structures	Wraver William Jr. And Gere James M.
14	Prestressed Concrete	Gupta S.P. And Pandit G.S.
15	Composite Materials	Srinivasan K.
16	Mechanics of Composite Materials	Jones Robert M.
17	Geotechnical Engineering	Murthy V.N.S.

UG Civil		
Sl No	Title	Author
1	Design of Steel Structures	Subramanian N.
2	Concrete Technology	Gambhir M L
3	Concrete Technology	Neville A. M. And Brooks J. J.
4	Surveying I	B.C. Punmia , Ashok Kumar Jain and A.K. Jain
5	Surveying II	B.C. Punmia , Ashok Kumar Jain and A.K. Jain
6	Environmental Engineering Water Supply Engineering	S.K.Garg
7	Traffic Engineering and Transport Planning	L. R. Kadiyali
8	Structural Analysis A Matrix Approach	Pandit and Gupta
9	Principles of Geographical Information Systems	Burrough Peter A, McDonnell Rachael and Lloyd Christopher D.
10	Ground Improvement Techniques	Raj Purushothama P.
11	Surveying II	B.C. Punmia , Ashok Kumar Jain and A.K. Jain
12	Soil Mechanics and Foundation Engineering	B.C. Punmia , Ashok Kumar Jain and A.K. Jain
13	Irrigation Engineering and Hydraulic Structures	S. K. Garg
14	Environmental Engineering Sewage Disposal and Air Pollution Engineering	S. K. Garg

Industrial Production		
Sl No	Title	Author
1	A Textbook of Production Engineering	Sharma P C
2	Pneumatic Systems	Majumdar S. R.
3	Design of Machine Elements I	Krishna Rao T.
4	Design of Machine Elements II	Krishna Rao T.
5	Tool Design	Donaldson Cyril,Goold V. C, Lecain George H and Ghose Joyjeet
6	Theory of Machine and Mechanisms	John J. Uicker, Gordon R. Pennock and Joseph E. Shigley

7	Production and Operations Management	Panneerselvam R.
8	Engineering Economics	Riggs James I, Bedworth David D and Randhawa Sabah U.
9	Human Factors In Engineering and Design	Sanders Mark S. and McCormick Ernest J.
10	Lean Production Simplified	Dennis Pascal
11	Oil Hydraulic Systems	Majumdar S.R.
12	Tool Engineering & Design	Nagpal G R
13	Production and Operations Management	Panneerselvam R.

Physics		
SI No	Title	Author
1	Engineering Physics	Katiyar A.K. and Pandey C.K.
2	Engineering Physics	Pandey B. K. And Chaturvedi S.
3	Engineering Physics	Wiley
4	Engineering Physics	Amit Sarin and rewal Anil
5	Engineering Physics	Dattu Joshi
6	Engineering Physics	Mahesh C. jain

Chemistry		
SI No	Title	Author
1	Analytical Chemistry	Christian Gary D.
2	Engineering Chemistry	K Pushpalatha
3	Spectroscopy of organic compounds	Kalsi P. S.

Mathematics		
SI No	Title	Author
1	Engineering Mathematics	Croft Anthony, Davison Robert, Hargreaves Martin and flint James
2	Engineering Mathematics	Paras Ram
3	Advanced Engineering Mathematics	Bali N, Goyal M and Watkins C.
4	Problems and Solutions in Engineering Mathematics	Gupta T. C.
5	Introduction To Numerical Analysis Using MATLAB	Butt Rizwan
6	Transforms and Partial Differential Equations	Manish Goyal and Bail N. P.

Automobile Engineering		
SI No	Title	Author
1	Mechanical Vibrations	Grover G K
2	Textbook of Hydraulics, Fluid Mechanics and Hydraulic Machines	Khurmi R. S and Khurmi N
3	Machine Design	Jain R. K.

Mechanical Engineering		
SI No	Title	Author
1	Industrial Engineering & Management Including Production Management	Banga T.R and Sharma S.C.
2	Control Systems	Channa Venkatesh and Ganesh Rao
3	Design of Machine Elements II	Raghavendra K.
4	Design of Machine Elements I	Raghavendra K.
5	Applied Thermodynamics	Rajput R. K.

6	Engineering Heat and Mass Transfer	Mahesh M Rathore
---	------------------------------------	------------------

Electronics & Communication Engineerin		
Sl No	Title	Author
1	A Verilog HDL Primer	Bhasker
2	Antenna Theory Analysis and Design	Balanis Constantine A
3	Automatic Control Systems	Golnaraghi Farid and Kuo Benjamin C.
4	Basic Circuit Theory	Huelsman Lawrence P.
5	Communication Systems	Haykin Simon S. and Moher Michael
6	Control Systems Engineering	Nagrath I. J. And Gopal M.
7	Design of Analog CMOS Integrated Circuits	Razavi Behzad
8	Digital Communication Systems	Haykin Simon
9	Digital Signal Processing	Nagnoor Kani
10	Electromagnetics with Applications	Kraus and Fleisch
11	Electronic Devices and Circuit Theory	Boylestad Robert L and Nashelsky Louis
12	Electronic Instrumentation	Kalsi H. S.
13	Engineering Circuit Analysis	Hayt William H, Kemmerly Jack E and Durbin Steven M.
14	Entrepreneurial Development	Khanka SS
15	Error Control Coding	Lin Shu and Costello Daniel J
16	Fiber-Optic Communication Systems	Agrawal Govind P.
17	Fiber Optic Communications	Palais Joseph C.
18	Fundamentals of Digital Logic with Verilog Design	Brown Stephen and Vranesic Zvonko
19	Fundamentals of Logic Design	Roth Charles H. and Kinney Larry L
20	Fundamentals of Signals and Systems	Roberts Michael J. And Sharma govind
21	Information Theory, Coding and Cryptography	Bose Ranjan
22	Introduction to Analog and Digital Communications	Haykin Simo and Moher Michael
23	Logic and Computer Design Fundamentals	Mano Morris M and Kime Charles
24	Microwave Devices and Circuits	Liao Samuel Y
25	Microwave Engineering	Das Annapurna and Das Sisir K.
26	Microwave Engineering	Pozar David M.
27	Modern Control Engineering	Ogata Katsuhiko
28	Multimedia Communications	Halsall Fred
29	Network Analysis & Synthesis	Singh Ravish R.
30	Operating Systems	Godbole Achyut S and Kahate Atul
31	Operating Systems	Stallings William
32	Operational Amplifiers & Linear ICs	Bell David A.
33	Optical Fiber Communications	Senior john M
34	Signals and Systems	Oppenheim Alan V, Willsky Alan S and S.Nawab Hamid
35	3G Wireless Networks	Smith Clint and Collins Danielf
36	Biometrics Concepts And Applications	Sinha G.R. And Patil Sandeep
37	Biometrics	Nanavati Samir , Thieme Michael and Nanavati Raj
38	CMOS VLSI Design	Weste Neil and Harris David
39	Computer and Communication Networks	Mir Nader F.
40	Digital and Analog Communication Systems	Shanmugam Sam K.
41	Digital Communication	Ramakrishna Rao K
42	Digital Communication	Haykin Simon
43	Digital Image Processing	Sridhar
44	Digital Image Processing	Gonza Lez Rafael C and Woods Richard E.
45	Digital Image Processing	Jayaraman S , Veerakumar T and Esakkirajan S
46	Electromagnetic Concepts & Applications	DuBroff Richard E, Marshall Stanley V. And Skiter Gabriel G.
47	Schaum's Outline Series Electromagnetics	Edminister Joseph
48	Embedded Systems	Pecko James K.
49	Entrepreneurship	Hisrich Robert D, Peters Michael P and Shepherd

		Dean A.
50	Foundations for Microwave Engineering	Roberts Collin
51	Fundamentals of Digital Image Processing	Jain Anil K.
52	Fundamentals of digital Logic verilog Design	Brown Stephen and Vranesic Zvonko
53	Introduction to Digital Systems	Ercegovac Milos,Lang Tomas and Moreno Jaime H.
54	Introduction to Embedded Systems	Shibu K V.
55	Introduction to VLSI Circuits and Systems	Uyemura John P.
56	Logic and Computer Design Fundamentals	Mano Morris M and Kime Charles
57	Network Analysis and Synthesis	Ravish R. Singh
58	Perspectives in Business Ethics	Hartman Laura and Chatterjee Abha
59	Taub's Principles of Communication Systems	Taub Herbert , Schilling Donald and Saha Goutam.
60	Probability and Random Processes for Electrical Engineering	Leon-Garcia Alberto
62	Problems and Solutions in Engineering Circuit Analysis	Hayt H. William and Kemmerly E. Jack
63	Protocols and Architectures for Wireless Sensor Networks	Karl Holger and Willig Andreas
64	Signals and Systems	Oppenheim Alan V. And Willsky Alan S.and Nawab Hamid S.
65	Wireless Communications	Rappaport Theodore S.
66	Wireless Sensor Networks	Kazem Sohrawy, Daniel Minoli and Taiebznati
67	Wireless Sensor Networks	Zhao Feng and Guibas Leonidas
68	Wireless Telecommunications Systems and Networks	Mullett Gary J.
69	Operating System Concepts	Silberschat Abrahamz,Galvin Peter B and Gagne Gerg

Electrical & Electronics Engineering

Sl No	Title	Author
1	Basic Electrical Engineering	Chakrabarti Abhijit, Dednath Sudipta and Chanda Chandan Kumar
2	Computer Techniques in Power System Analysis	Pai and Chatterjee Dheeman
3	Digital Signal Processing	Shaila D. Apte
4	Digital Signal Processing	Ifeachor Emmanuel and Jervis Barrie
5	Electric Power Distribution	Pabla
6	Electrical Machinery	Bimbhra P. S
7	Electrical Power Distribution and Transmission	Faulkenberry Luces M. And Coffe Walter
8	Electromagnetic Field Theory and Transmission Lines	Raju G. S. N.
9	Electromagnetic Field Theory	Yaduvir Singh
10	Electronic Circuit Analysis	Rao Visveswara B , Rama Murty K. Bhaskara and Rajeswari K. Raja
11	Electronic Devices and Integrated Circuits	Singh and Singh Rekha
12	Electronic Devices and Circuits	Bell David A.
13	Electronic Devices	Floyd Thomas L.
14	Embedded / Real-Time Systems: Concepts, Design and Programming Black Book	Prasad K.V.K
15	High Voltage Engineering	Naidu M. S and Kamaraju V.
16	High Voltage Technology	Frances Alston
17	MATLAB an Introduction with Applications	Gilat Amos
18	Modeling and Control of Engineering Systems	De Silva Clarence W.
19	Modern Control Systems	Dorf Richard C and Bishop Robert H
20	Modern Electric, Hybrid Electric, and Fuel Cell Vehicles	Ehsani Mehrdad ,Gao Yimin,Longo Stefano and Edrahiami kambiz
21	Modern Electronic Instrumentation and Measurement Techniques	Helfrick Albert D and Cooper William David
22	Non-conventional Energy Sources	Rai G.D.
23	Power Electronics	Rashid Muhammad H and Rashid Muhammad H
24	Power Generation Operation and Control	Wollenberg Bruce and Wood Allen J

25	Power System Analysis	Ramana N. V.
26	Power System Protection	Rao Madhava
27	Power System Protection & Switchgear	Oza Bhuvanesh, Kumar C Nair Nirmal, Mehta Rashesh P and Makwana Vijay H.
28	Principles of Electromagnetics	Kaduskar
29	Schaum's Outline of Electric Circuits	Nahvi Mahmood and Edminister Joseph
30	The 8051 Micro Controller	Ayala Kenneth
31	The Performance and Design of Alternating Current Machines	Say M. G.
32	Extra High Voltage A.C. Transmission Engineering	Rakosh Das Begamudre
33	Understanding FACTS	Hingorani Narain G and Gyugyi Laszlo
34	A Textbook of Electric Power Distribution Automation	M.K. Khedkar and G.M. Dhole
35	Advanced Power System	Singh L. P
36	Alternating Current Machines	Rajput R. K.
37	Applications of Power Electronics in Power System	Saifullah Khalid and Neeraj Vyas
38	Circuit analysis	Padmanabhan K and Swaminathan P.
39	Digital Signal Processing	Abdaheer M.S.
40	Direct Current Machines	Rajput
41	Electrical Machines	Rajput
42	Electrical Power System Analysis	S. Sivanagaraju and B. V. Rami Reddy
43	Electronics Engineering	Ashish Dixit and Anand Chopra
44	Fields and Waves- A Fundamental Approach	Deepak Sood
45	Fundamentals of Renewable Energy Systems	Mukherjee and Chakrabarti
46	High Voltage Engineering	Wadhwa
47	High Voltage Engineering	Razevig and Chourasia
48	Introduction to Digital Signal Processing and Filter Design	Shenoi
49	Microprocessor 8085 Lab Manual	Swamy
50	Modern Power Electronics and AC Drives	Bose Bimal K.
51	Network Analysis and Synthesis	Mohammed Arshad
52	Network and System	D. C. Dhubkarya
53	Networks and Systems	Roy Choudhury D.
54	PLCs & SCADA Theory and Practice	Rajesh Mehra and Vikrant Vij
55	Power System Protection and Switchgear	Ravindranath B. And Chander M
56	Utilisation of Electrical Power	Rajput
57	8051 Microcontrollers Internals, Instructions, Programming and Interfacing	Subrata Ghoshal
58	Alternating Current Machines	Rajput
59	Basic Electrical Engineering	Fitzgerald A.E. ,Higginbotham David and Grabel Arvin
60	Digital Communications	John Proakis and Massoud Salehi
62	Digital Electronics	Anil K. Maini
63	Digital Signal Processing	Salivahanan
64	Discrete-time Control Systems	Ogata Katsuhiko
65	Electric Circuits and Networks	Suresh Kumar
66	Electric Energy Systems Theory	Elgerd Olle Ingemar
67	Electric Power Transmission and Distribution	Sivanagaraju and Satyanarayana
68	Electrical Engineering	Gupta and Nitin Saxena
69	Electrical Machines, Drives, and Power Systems	Wildi Theodore
70	Electrical Networks	Ravish R. Singh
71	Electrical Power System	Uppal and Rao
72	Elements of Power System Analysis	Stevenson William D.
73	Fuzzy Logic with Engineering Applications	Timothy J. Ross
74	Introduction to Nanotechnology	Poole Charles P. and Owens Frank J.
75	Introduction to VLSI Circuits and Systems	John P. Uyemura
76	Linear Integrated Circuits	Somanathan Nair
77	MATLAB an Introduction with Applications	Amos Gilat

78	Microcontrollers	Raj Kamal
79	Modern Power System Analysis	Bose Bimal K.
80	Modern Power System Analysis	Kothari D. P. And Nagrath I. J.
81	Network Fundamentals and Analysis	R.G. Kaduskar, S.O. Rajankar and T.S. Khatavkar
82	Non-Conventional Energy Resources	Khan B. H.
83	Power Electronics and Variable Frequency Drives	Bose Bimal K.
84	Power Electronics	Mohan, Undeland and Robbins
85	Power Electronics	Muhammad H. Rashid
86	Power Electronics	Bimbhra P. S
87	Power Generation Operation and Control	Wood Allen J and Wollenberg Bruce
88	Power System Operation & Control	Ramana N. V.
89	Power System Protection and Switchgear	Badri Ram and D Vishwakarma
90	Power System Protection Static Relays	Madhava Rao
91	Power Systems Stability I	Kimbark Edward Wilson,
92	Power Systems Stability II	Kimbark Edward Wilson,
93	Power Systems Stability III	Kimbark Edward Wilson,
94	Principles of Electric Machines and Power Electronics	Sen P.
95	Principles of Management	Tripathi P.C. And Reddy P. N