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LIST OF BOOKS PURCHASED DURING 2017-18

DEPARTMENT OF AERONAUTICAL ENGINEERING

S.No.	Author	Title	Qty
1.	Raj	A Textbook on Fluid Mechanics and Machinery	5
2.	Tewari	Advanced Control of Aircraft Spacecraft and Rockets	7
3.	Tewari	Advanced Control of Aircraft Spacecraft and Rockets	1
4.	Muralidhar	Advanced Engineering Fluid Mechanics Ed. 3	5
5.	Sinha	Advanced Flight Dynamics with Elements of Flight Control	1
6.	Vasiliev	Advanced Mechanics of Composite Materials and Structural Elements Ed.3	1
7.	Srinath	Advanced Mechanics of Solids Ed.3	5
8.	Prajapathi	Advanced Natural Gas Engineering	1
9.	Minea	Advances in New Heat Transfer Fluids	1
10.	McCormick	Aerodynamics Aeronautics and Flight Mechanics	1
11.	Saha	Aerospace Manufacturing Processes	1
12.	Garrison	Aerospace Project Management Handbook	1
13.	Jones	Air Conditioning Engineering Ed.5	1
14.	Doren	Air Pollution	2
15.	Jaganathan	Aircraft Accident Investigation	1
16.	Tooley	Aircraft Communications and Navigation Systems	1
17.	Stevens	Aircraft Control and Simulation	5
18.	Jukes	Aircraft Display Systems	5
19.	Tooley	Aircraft Electrical and Electronic Systems: Principles, Maintenance and Operation	1
20.	Agrawal	Aircraft Gas Turbine Engine Technology	1
21.	Howe	Aircraft Loading and Structural Layout	1
22.	Saarlas	Aircraft Performance	5
23.	Sadraey	Aircraft Performance	1

24.	Eshelby	Aircraft Performance	1
25.	Saarlas	Aircraft Performance	1
26.	Peery	Aircraft Structures Ed.2	3
27.	Megson	Aircraft Structures for Engineering Students Ed.5	4
28.	Jones	Aircraft Sustainment and Repair	1
29.	Decolon	Analysis of Composite Structures	1
30.	Rao	Applied Impact Mechanics	3
31.	Burns	Applied Statics and Strength of Material Ed.2	1
32.	Mott	Applied Strength of Materials Ed.6	1
33.	Rajput	Applied Thermodynamics Ed.2	2
34.	Tewari	Atmospheric and Space Flight Dynamics	1
35.	Sharman	Aviation Turbulence	1
36.	Wang	Civil Aircraft Electrical Power System Safety Assessment	1
37.	Vera	Classical Thermodynamics of Fluid Systems	1
38.	Powers	Combustion Thermodynamics	1
39.	Anderson	Computational Fluid Dynamics	5
40.	Notaros	Conceptual Electromagnetic	1
41.	Chandramouli	Continuum Mechanics	1
42.	Kumar	Course in Mechanics	5
43.	Ramalingam	Dictionary of Heat Power Engineering	5
44.	Farruqi	Differential Game Theory with Application to Missiles and Autonomous Systems Guidance	1
45.	Kuester	Electromagnetic Boundary Problems	1
46.	Willers	Electro-Optical System Analysis and Design	1
47.	Ruijgrok	Elements of Aircraft Pollution	1
48.	Ruijgrok	Elements of Aviation Acoustics	1
49.	Schwartz	Encyclopedia and Handbook of Materials, Parts, and Finishes	1
50.	Mahesh	Engineering Heat and Mass Transfer Ed.3	5
51.	Bansal	Engineering Mechanics and Strength of Materials	5
52.	Hibbeler	Engineering Mechanics Ed.14	2
53.	Bansal	Engineering Mechanics Ed.4	2
54.	Nag	Engineering Thermodynamic Ed. 6	8
55.	Tathgir	Engineering Thermodynamics	1

56.	Ramalingam	Engineering Thermodynamics Ed.2	5
57.	Chattopadhay	Engineering Thermodynamics Ed.2	2
58.	Mathew	Enzyme Thermodynamics	1
59.	Madenci	Finite Element Method and Applications in Engineering using ANSYS	1
60.	Ozisik	Finite Difference Methods in Heat Transfer Ed.2	1
61.	Pepper	Finite Element Method	1
62.	Surana	Finite Element Method for Initial Value Problems	1
63.	Lakshminarayana	Finite Element Modeling for Engineering Analysis	1
64.	Dole	Flight Theory and Aerodynamics Ed. 2	1
65.	Asli	Fluid Mechanics and Heat Transfer	1
66.	Ukarande	Fluid Mechanics and Hydraulics	3
67.	Gupta	Fluid Mechanics and its Application Ed.3	1
68.	Jog	Fluid Mechanics Ed.3	1
69.	Cengel	Fluid Mechanics Ed.3	1
70.	White	Fluid Mechanics Ed.7	2
71.	Kuethe	Foundations of Aerodynamics Ed. 5	1
72.	Chen	Foundations of Gas Dynamics	1
73.	Newman	Foundations of Helicopter Flight	1
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75.	Nolan	Fundamentals of Air Traffic Control Ed. 5	1
76.	Curtis	Fundamentals of Aircraft Structural Analysis	1
77.	Sachdeva	Fundamentals of Engineering Heat and Mass Transfer Ed.5	5
78.	Babu	Fundamentals of Engineering Thermodynamics	1
79.	Rathakrishnan	Fundamentals of Engineering Thermodynamics Ed.2	4
80.	Kothandaraman	Fundamentals of Heat and Mass Transfer Ed.4	6
81.	Czysz	Future Spacecraft Propulsion Systems and Integration Ed.3	1
82.	Rathakrishnan	Gas Dynamics Ed.6	1
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84.	Singla	Gas Turbines	1
85.	Singla	Gas Well Deliquification	1
86.	Suyambazhahan	Heat and Mass Transfer	5

87.	Kothandaraman	Heat and Mass Transfer Data Book Ed.9	5
88.	Datta	Heat and Mass Transfer Ed.2	1
89.	Kamaraj	Heat and Mass Transfer Ed.3	5
90.	Nag	Heat and Mass Transfer Ed.3	5
91.	Yener	Heat Conduction Ed.4	1
92.	Stolten	Hydrogen Science and Engineering (2vols.)	1
93.	Round	Incompressible Flow Turbo machines	1
94.	Corda	Introduction to Aerospace Engineering	1
95.	Megson	Introduction to Aircraft Structural Analysis Ed.2	3
96.	Oosthuizen	Introduction to Compressible Fluid Flow Ed.2	1
97.	Chandrupatla	Introduction to Finite Elements in Engineering Ed.3	5
98.	Chandrupatla	Introduction to Finite Elements in Engineering Ed.4	4
99.	Anderson	Introduction to Flight Ed.6	5
100.	Verma	Introduction to Mechanics Ed.2	1
101.	Bekir	Introduction to Modern Navigation Systems	1
102.	Kittel	Introduction to Solid State Physics Ed.8	2
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104.	Barlow	Low Speed Wind Tunnel Testing	3
105.	Dragos	Mathematical Methods in Aerodynamics	1
106.	Mori	Mechanical Vibrations	1
107.	Bouvet	Mechanics of Aeronautical Solids, Materials and Structures	1
108.	Phillips	Mechanics of Flight Ed.2	1
109.	Gere	Mechanics of Materials Ed.8	5
110.	Bansal	Mechanics of Solids	5
111.	Vaidyanathan	Mechanics of Solids and Structures	5
112.	Slivker	Mechanics of Structural Elements	1
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124.	Incropera	Principles of Heat And Mass Transfer	5
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139.	Nag	Strength of Materials Ed.2	2
140.	Basavarajaiah	Strength of Materials Ed.3	1
141.	Nash	Strength of Materials Ed.4	5
142.	Pathak	Strength of Materials in SI Units Ed. 4	2
143.	Bauchau	Structural Analysis	1
144.	Ghali	Structural Analysis Ed. 2	1
145.	Hartmann	Structural Analysis with Finite Elements Ed. 2	1
146.	Chandramouli	Structural Analysis-I	1
147.	Megson	Structural and Stress Analysis Ed.3	1
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149.	Giurgiutiu	Structural Health Monitoring of Aerospace Composites	1
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151.	Rajput	Text Book of Engineering Thermodynamics Ed.5	5
152.	Bansal	Text book of Fluid Mechanics and Hydraulic Machines Ed.9	5
153.	Narayanan	Textbook of Chemical Engineering Thermodynamics Ed.2	3
154.	Bansal	Textbook of Fluid Mechanics	1
155.	Dukkipati	Textbook of Mechanical Vibration Ed. 2	3
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157.	Ghosh	Textbook of Strength of Materials	1
158.	Bansal	Textbook of Strength of MaterialsEd.6	2
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160.	Bhaskar	Theory of Isotropic/Orthotropic Elasticity	5
161.	Shavit	Thermodynamics Ed.2	1
162.	Cengel	Thermodynamics Ed.8	5
163.	Dehoff	Thermodynamics in Materials Science	2
164.	Dehoff	Thermodynamics in Materials Science	1
165.	Cutler	Understanding Aircraft Structures Ed.4	2
166.	Beer	Vector Mechanics for Engineers Statics / Dynamic Ed.11	5
167.	Palazzolo	Vibration Theory and Applications	1
168.	Everall	Vibrational Spectroscopy of Polymers	2
169.	Kakani	Waves Oscillations and Acoustics Ed.2	2
170.	Earnest	Wind Power Plants and Project Development Ed.2	5
171.	Hemami	Wind Turbine Technology	1
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DEPARTMENT OF APPLIED SCIENCES AND HUMANITIES

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2.	Voxman	Advanced Calculus	1
3.	Jain	Advanced Engineering Mathematics Ed.5	5
4.	Cotton	Advanced Inorganic Chemistry	7
5.	Hodge	Alternative Energy Systems and Applications Ed.2	1
6.	Dobrushkin	Applied Differential Equations	1
7.	Yang	Applied Numerical Methods Using Matlab	3
8.	Bonnick	Automotive Science and Mathematics	1
9.	Li	Bioenergy	1
10.	Kumar	Biofuel Crops and Renewable Energy	1
11.	Peterson	Biomechanics	1
12.	Cubero	Brownian Ratchets	1
13.	Thomas	Calculus and Analytic Geometry Ed. 6	5
14.	Bittinger	Calculus and its Applications Ed.10	1

15.	Stewart	Calculus Ed.7	5
16.	Narayanan	Calculus Vol .2	5
17.	Narayanan	Calculus Vol.I	3
18.	Choudhary	Classical Mechanics	1
19.	Pundir	Competitive Approach to Modern Algebra	2
20.	Levinson	Complex Variables	2
21.	Kumar	DBS Handbook of Laser Technology	1
22.	Somasundaram	Differential Geometry	5
23.	Gupta	Discrete Structures Ed.4	5
24.	Goswami	Energy Conversion Ed.2	1
25.	Stock	Energy Harvesting	1
26.	Kreith	Energy Management and Conservation Handbook Ed.2	1
27.	Washington	Energy Storage	1
28.	Rufer	Energy Storage	1
29.	Vairam	Engineering Chemistry	5
30.	Jain	Engineering Chemistry Ed. 16	5
31.	Narayana	Engineering Drawing Ed.3	5
32.	Govindarajan	Engineering Ethics Ed.1	5
33.	Goyal	Engineering Hydrology	1
34.	Prabhakaran	Engineering Mathematics – I	100
35.	Bansal	Engineering Mechanics Ed.4	5
36.	Bies	Engineering Noise Control Ed. 4	1
37.	Poon	Engineering Optics with MATLAB Ed.2	1
38.	Pandey	Engineering Physics	5
39.	Gaur	Engineering Physics	5
40.	Arumugam	Engineering Physics	5
41.	Palanisamy	Engineering Physics Ed.2	20
42.	Ragab	Engineering Solid Mechanics	1
43.	Stachowiak	Engineering Tribology Ed. 4	1
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50.	Veerarajan	Fundamentals of Mathematical Statistics	1
51.	Powers	Fundamentals of Nonlinear Optics Ed.2	1
52.	Lewis	Fundamentals of Nuclear engineering	1
53.	Shultis	Fundamentals Of Nuclear Science And Engineering	1
54.	Bansal	Fundamentals of Numerical Methods	5
55.	Neeraj	Graph Theory	2
56.	Deo	Graph Theory Ed.2	5
57.	Torok	Green Chemistry	1
58.	Register	Guide to MATLAB Object-Oriented Programming	1
59.	Ramana	Higher Engineering Mathematics	5
60.	Grewal	Higher Engineering Mathematics Ed.44	5
61.	Splinter	Illustrated Encyclopedia of Applied and Engineering Physics Vol. I-III (3 set)	1
62.	Katz	Innovative Thermoelectric Materials	1
63.	Willard	Instrumental Methods of Analysis Ed.7	5
64.	Pundir	Integral Transform Methods In Science And Engineering	2
65.	Debnath	Integral Transforms and Their Applications Ed.2	1
66.	Monzingo	Introduction to Adaptive Arrays Ed.2	5
67.	Apostol	Introduction to Analytic Number Theory	5
68.	Butt	Introduction to Applied Numerical Linear Algebra using MATLAB	5
69.	Priestley	Introduction to Complex Analysis Ed.2	1
70.	Dimitrov	Introduction to Energy Technologies for Efficient Power Generation	1
71.	Theodore	Introduction to Environmental Management	1
72.	Raja	Introduction to Non-Conventional Energy Resources	5
73.	Rao	Introduction to Partial Differential Equations Ed.3	1
74.	Pavia	Introduction to Spectroscopy Ed.5	5
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76.	Sun	Lens Design	1
77.	Cheney	Linear Algebra Ed. 2	1
78.	Cottle	Linear and Nonlinear Optimization	1
79.	Pikovsky	Lyapunov Exponents	1

80.	Datta	Mathematical Methods of Science and Engineering	5
81.	Balakrishnan	Mathematical Physics	1
82.	Dukkipati	MATLAB	1
83.	Kumar	MATLAB Easy Way of Learning	1
84.	Khanna	MATLAB Essentials for Problem Solving	2
85.	Binu Sukumar	Mechanics of Solids	1
86.	Cui	Metamaterials	1
87.	Goldberg	Methods of Real Analysis	2
88.	Bevrani	Microgrid Dynamics and Control	1
89.	Townsend	Modern Approach to Quantum Mechanics	1
90.	Kane	Modern Elementary Particle Physics	1
91.	Cantrell	Modern Mathematical Methods For Physicists and Engineers	1
92.	Turro,	Modern Molecular Photochemistry for Organic Molecular	1
93.	Loveland	Modern Nuclear Chemistry	1
94.	Pryor	Multiphysics Modeling	1
95.	French	Newtonian Mechanics	2
96.	Thipse	Nonconventional and Renewable Energy Sources	5
97.	Vaidyanathan	Nuclear Reactor Safety	1
98.	Redmond	Number Theory	1
99.	Burden	Numerical Analysis Ed.9	5
100.	Dixit	Numerical Methods	5
101.	Pundir	Numerical Methods in Science And Engineering	2
102.	Aggarwal	Objective Mathematics Vol. I	1
103.	Aggarwal	Objective Mathematics Vol. II	1
104.	Pandey	Objective Physics I	1
105.	Omodeo	On Sets and Graphs	1
106.	Yadav	Operations Research	3
107.	Kumar	Operations Research	1
108.	Taha	Operations Research Ed. 9	5
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119.	Fernow	Principles of Magnetostatics	1
120.	Turro,	Principles of Molecular Photochemistry	1
121.	Sankir	Printable Solar Cells	1
122.	Trivedi	Probability and Statistics with Reliability, Queuing and Computer Science Applications	5
123.	Mergu	Probability Theory and Random Processes	2
124.	Peebles	Probability, Random Variables and Random Signal Principles Ed.4	3
125.	Engel	Quantum Chemistry and Spectroscopy Ed.3	1
126.	Chowdhury	Quantum Mechanics	5
127.	Ghatak	Quantum Mechanics Ed.5	5
128.	Jain	Quantum Physics	1
129.	Kuznetsov	Remote Sensing of the Environment and Radiation Transfer	1
130.	Carter	Renewable Energy	1
131.	Jenkins	Renewable Energy Engineering	1
132.	Perlmuter	Renewable Energy Systems	1
133.	Dharmapalan	Scientific Research Methodology	5
134.	Lakshminarayanan	Skill-Testing in English	5
135.	Punmia	Soil Mechanics and Foundations Ed.17	5
136.	Singh	Solid State Physics	5
137.	Gandhi	Solutions of Engineering Mathematics Vol.1	1
138.	Luttgens	Static Electricity	1
139.	Goyal	Statistics and Numerical Methods	1
140.	Chatfield	Statistics for Technology Ed. 3	1
141.	Burkowski	Structural Bioinformatics	1
142.	Benvenuto	Sustainable Green Chemistry	1
143.	Bansal	Text Book of Fluid Mechanics and Hydraulic Machines Ed.9	5

144.	Bali	Textbook of Engineering Mathematics Ed.9	4
145.	Dhupper	Textbook on Energy Resources and Management	2
146.	Chandramouli	Theory of Elasticity	1
147.	Rajput	Thermal Engineering	2
148.	Rex	Thermal Physics	1
149.	Herstein	Topics in Algebra Ed. 2	2
150.	Goyal	Transforms and Partial Differential Equations Ed.2	5
151.	Quaschning	Understanding Renewable Energy Systems Ed.2	1
152.	Nambudiripad	Variational Methods in Engineering	5
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1.	Nam	AC Motor Control and Electric Vehicle Applications	1
2.	Goldfarb	Advanced Gear Engineering	1
3.	Schuetz	Aerodynamics of Road Vehicles	1
4.	Erjavec	Alternative Fuel Technology	1
5.	Seger	Analysis Technique for Racecar Data Acquisition	1
6.	Duffy	Auto Body Repair Technology Ed. 5	1
7.	Gupta	Auto Design	1
8.	Ramalingam	Automobile Engineering Ed.2	5
9.	Gupta	Automobile Technology	1
10.	Daly	Automotive Air Conditioning and Climate Control Systems	1

11.	Babu	Automotive Chassis	5
12.	Reimpell	Automotive Chassis Ed. 2	1
13.	Genta	Automotive Chassis Vol. 1	1
14.	Genta	Automotive Chassis Vol. 2	1
15.	Schnubel	Automotive Engineering	1
16.	Erjavec	Automotive Engineering: Automatic Transmissions and Transaxles	1
17.	Owen	Automotive Engineering: Brake Systems	1
18.	Pickerill	Automotive Engineering: Engine Performance	1
19.	Hadfield	Automotive Engineering: Engine Repair and Rebuilding	1
20.	Hollembeak	Automotive Engineering: Fuels and Emissions	1
21.	Cantor	Automotive Engineering: Lightweight, Functional and Novel Materials	1
22.	Erjavec	Automotive Engineering: Manual Transmissions and Transaxles	1
23.	Knowles	Automotive Engineering: Suspension and Steering Systems	1
24.	Stotsky	Automotive Engines	1
25.	Erjavec	Automotive Technology: Brakes	1
26.	Carrigan	Automotive Technology: Engine Performance	1
27.	Dorries	Automotive Technology: Engine Repair	1
28.	Hollembeak	Automotive Technology: Fuels and Emissions	1
29.	Erjavec	Automotive Technology: Manual Transmissions	1
30.	Knowles	Automotive Technology: Service and Maintenance	1
31.	Owen	Automotive Technology: Service and Systems	1
32.	Erjavec	Automotive Technology: Suspension and Steering	1
33.	Galindo	Chassis Dynamometer Testing	1
34.	Orthwein	Clutches and Brakes	1
35.	Datta	Combustion	1
36.	Gupta	Combustion Engines	1
37.	Raghavan	Combustion Technology	3
38.	Lopez	Computer Vision in Vehicle Technology	1
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3.	Yap	Adaptive Image Processing Ed.2	5
4.	Safonov	Adaptive Image Processing Algorithms for Printing	1
5.	Karmakar	Advanced Chipless RFID	1
6.	Bhurchandi	Advanced Microprocessors and Peripherals Ed.3	4
7.	Bockenhauer	Algorithmic Aspects of Bioinformatics	1
8.	Bianco	Analysis of Energy Systems	1
9.	Franceschi	Android App Development	1
10.	Cornez	Android Programming Concepts	1
11.	Khan	Application of Thermo-fluid Processes in Energy Systems	1
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19.	Aradhya	C Programming and Data Structures	5
20.	Kernighan	C Programming Language	5
21.	Vacca	Cloud Computing Security	1
22.	Dey	Complete Knowledge in C	5
23.	Venugopal	Computer Aided Drafting and Modeling Lab	5
24.	Arrillaga	Computer Analysis of Power Systems	2
25.	Hayes	Computer Architecture and Organization Ed. 3	5
26.	Bangia	Computer Fundamentals and Information Technology	5

27.	Hearn	Computer Graphics , C Version Ed.2	5
28.	Jaluria	Computer Methods for Engineering with MATLAB Applications Ed.2	1
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31.	Weiss	Data Structures and Algorithm Analysis in C Ed.2	2
32.	Lipschutz	Data Structures with C	5
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34.	Peatman	Design with PIC Microcontrollers	5
35.	Jalota	Design Your Webworld Ed.4	5
36.	Kumar	Digital Processing and Multi-Processing	5
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39.	Furui	Digital Speech Processing, Synthesis and Recognition Ed.2	1
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41.	Bindal	Electronics for Embedded Systems	1
42.	Wang	Embedded and Real-Time Operating Systems	1
43.	Kamal	Embedded System Architecture, Programming and Design Ed. 3	5
44.	Linda Null	Essential of Computer Organization and Architecture Ed. 4	1
45.	Kitchenham	Evidence –Based Software Engineering and Systematic Reviews	1
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48.	Roosta	Foundations of Programming Languages	5
49.	Wolf	FPGA – Based System Design	5
50.	Horowitz	Fundamentals of Data Structures in C Ed.2	5
51.	Roth	Fundamentals of Logic Design Ed.7	5
52.	Marzetta	Fundamentals of Massive MIMO	1
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DEPARTMENT OF INFORMATION TECHNOLOGY

S.No.	Author	Title	Qty
1.	Venkataraman	5G Radio Access Networks	1
2.	Ayala	8051 Microcontroller	4
3.	Ayala	8051 Microcontroller and Embedded Systems	5
4.	Ghilani	Adjustment Computations Ed.6	1
5.	Raghuwanshi	Algorithm and Data Structures	5
6.	Craig	Applying UML Patterns	5
7.	Furber	ARM System on Chip Architecture	5
8.	Weiss	Auditing IT Infrastructures for Compliance Ed.2	1
9.	Barber	Bayesian Reasoning and Machine Learning	2
10.	Savas	Big Data Analytics in Cybersecurity	1
11.	Acharya	Big Data and Analytics	1
12.	Hung	Big Data Applications and Use Cases	1
13.	Yu	Big Data Concepts, Theories, and Applications	1
14.	Li	Big Data Management and Processing	1
15.	O'Reilly	Big Data Now	1
16.	Mukherjee	Building Wireless Sensor Networks	1
17.	Carpenter	Cassandra Ed.2	1
18.	Samanta	Classic Data Structures Ed.2	5
19.	Reese	Cloud Application Architectures	1
20.	Anandamurugan	Cloud Computing	4
21.	Antonopoulos	Cloud Computing	5
22.	Chopra	Cloud Computing	1
23.	Winn	Cloud Foundry	1
24.	Srikant	Communication Networks	3
25.	Cowley	Communications and Networking Ed.2	5
26.	Rutkowski	Computational Intelligence	5

27.	Mandoiu	Computational Methods for Next Generation Sequencing Data Analysis	1
28.	Tanenbaum	Computer Networks Ed.5	1
29.	Pande	Computing, Communication and Networking Vol.1 & 2	1
30.	Haribaskar	Cryptography and Network Security	5
31.	Smith	Cython	1
32.	Campesato	D3 Data-Driven Documents	1
33.	Robinson	Data Analysis for Scientists and Engineers	1
34.	Shmulei	Data Mining for Business Analytics	1
35.	Bevington	Data Reduction and Error Analysis for the Physical Sciences Ed. 3	2
36.	Skiena	Data Science Design Manual	1
37.	Gilberg	Data Structures Ed.2	5
38.	Nagabhushna	Data Warehousing	1
39.	Berson	Data Warehousing, Data Mining and Olap	5
40.	Vidhya	Database Management Systems	5
41.	Wilton	Deploying Wireless Networks	3
42.	Faruqi	Design and Analysis of Algorithms	1
43.	Mahadevan	Design Data Handbook for Mechanical Engineers in SI and Metric Units Ed. 4	2
44.	Peatman	Design with PIC Microcontroller	5
45.	Pearl	Designing Voice User Interfaces	1
46.	Carver	Doing Data Analysis with SPSS Version 18.0 Ed.5	5
47.	Jones	Electromechanics and MEMS	3
48.	Smith	Elementary Information Security Ed.2	1
49.	Yaghmour	Embedded Android	1
50.	Bertolotti	Embedded Software Development	1
51.	Frank	Embedded System Design	5
52.	Kothari	Embedded Systems	10
53.	Miao	Energy and Spectrum Efficient Wireless Network Design	1
54.	Shroff	Enterprise Cloud Computing	1
55.	Matinex	Exploratory Data Analysis with MATLAB Ed.3	1
56.	Kannamal	Fundamentals of Cloud Computing	5
57.	Pless	Fundamentals of Error-Correcting Codes	1

58.	Kim	Fundamentals of Information Systems Security Ed.3	1
59.	Hornberg	Handbook of Machine and Computer Vision	1
60.	Boonstra	Hands-On Sencha Touch 2	1
61.	Wang	High Performance Computing for Big Data	1
62.	Critchley	High-Performance IT Services	1
63.	Tomar	Human Element of Big Data	1
64.	Murray	Interactive Data Visualization for the Web Ed.2	1
65.	Rayes	Internet of Things – from Hype to Reality	1
66.	Laurent	Introducing Elixir Ed.2	1
67.	Hopcroft	Introduction to Automata Theory Language and Computation Ed. 3	5
68.	Tan	Introduction to Data Mining	3
69.	LaMeres	Introduction to Logic Circuits and Logic Design with VHDL	1
70.	Holmes	Introduction to Scientific Computing and Data Analysis	1
71.	Evans	Introduction to Six Sigma & Process Improvement Ed.2	5
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73.	Narkhed	Kafka	1
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77.	Beyerer	Machine Vision	1
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79.	Baichtal	Make: Maker Pro	1
80.	Hoile	Make: Raspberry Pi And AVR Projects	1
81.	Antonopoulos	Mastering Bitcoin Ed.2	1
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83.	Hsu	Mems and Microsystems Design and Manufacture Ed.1	1
84.	Valdes-Perez	Microcontrollers	1
85.	Kani	Microprocessor & Microcontroller	1
86.	Rafiquzzaman	Microprocessors and Microcomputer-Based System Design Ed. 2	1
87.	Huang	Mobile Cloud Computing	1
88.	Bfar	Mobile Computing Principles	1
89.	Bruni	Models of Computation	1

90.	Chodorow	MongoDB Ed.2	1
91.	Steinmetz	Multimedia	3
92.	Andleigh	Multimedia Systems Design	3
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94.	Collins	Network Security through Data Analysis	1
95.	Minoli	Networking Approach to Grid Computing	2
96.	Saha	Networking Infrastructure for Pervasive Computing	1
97.	Hagan	Neural Network Design Ed.2	5
98.	Mulder	Node.Js for Embedded Systems	1
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101.	Wang	Pattern Recognition and Machine Vision	1
102.	Kouvatsos	Performance Modeling and Analysis of Heterogeneous Networks	1
103.	Palanisamy	Physics for Information Science	5
104.	Cook	Practical Machine Learning with H20	1
105.	Razavi	Principles of Data Conversion System Design	1
106.	Sivanandam	Principles of Soft Computing Ed. 2	1
107.	Nielsen	Quantum Computation and Quantum Information	1
108.	Tanaka	Quantum Spin Glasses, Annealing and Computation	1
109.	Rahul Vaze	Random Wireless Networks	3
110.	Motwani	Randomized Algorithms	1
111.	Sun	Satellite Networking	1
112.	Soudris	Scalable Multi-Core Architectures	2
113.	Aggarwal	Social Network Data Analytics	1
114.	Choudhury	Soft Computing in Electromagnetics	1
115.	Jain	Software Engineering	3
116.	Gomaa	Software Modelling and Design	1
117.	Vasudevan	Software Project Management	5
118.	Gillies	Software Quality Ed.2	5
119.	Jorgensen	Software Testing Ed.4	1
120.	Chen	Students Guide to Coding and Information Theory	3
121.	Natarajan	Theory of Computation	1
122.	Downey	Think Data Structures	1

123.	Rosenfeld	Think Perls 6	1
124.	Vannithamby	Towards 5G	1
125.	Shalev-Shwartz	Understanding Machine Learning	3
126.	Bhasker	VHDL Primer Ed.3	5
127.	Kumar	Warehouse	1
128.	Richardson	WCDMA Design Handbook	3
129.	Ahmed	Wireless and Mobile Data Networks	1
130.	Li	Wireless Body Area Networks	1
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DEPARTMENT OF PRODUCTION ENGINEERING

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2.	Gupta	Advanced Gear Manufacturing and Finishing	1
3.	Jain	Advanced Machining Processes	2
4.	Markopoulos	Advanced Machining Processes	1
5.	Gizesik	Advanced Machining Processes of Metallic Materials	1
6.	Tanaka	Advanced Nanodielectrics	1
7.	Koorapati	Advanced Production Technology	1
8.	Adhitan	Advances in Manufacturing Engineering and Technology	1
9.	Rajput	Alternating Current Machines	5
10.	Kurnool	Analysis and Control of Production Systems and Operations and Production Management	2
11.	ASTM	Annual Book of ASTM Standards 2016 Vol.03.02 Section-3	1
12.	Chandramouli	Applied Hydraulic Engineering	1
13.	McComb	Arduino Robot Bonanza	1
14.	Stefanescu	ASM Handbook Vol.1 A	1
15.	Okamoto	ASM Handbook Vol.3:Alloy Phase Diagrams	1
16.	Geck	Automotive Lightweight Using Advanced High-Strength Steels	1
17.	Mackenthun	Basic Concepts in Environmental Management	1
18.	Harnoy	Bearing Design in Machinery	1
19.	Rana	Braided Structures and Composites	1
20.	Alavala	CAD/CAM	2
21.	Zeid	CAD/CAM Ed.2	2
22.	Rao	CAD/CAM Ed.3	2
23.	Sattler	Carbon Nanomaterials Sourcebook	1

		(Set of 2 Volumes)	
24.	Pandrea	Classical and Modern Approaches in the Mechanisms	1
25.	Elanchezhian	Computer Integrated Manufacturing	5
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28.	Jaluria	Design and Optimization of Thermal Systems Ed. 2	1
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30.	Kannaiah	Design of Machine Elements Ed. 2	5
31.	Bhandari	Design of Machine Elements Ed.4	5
32.	Ragavendra	Design of Machine Elements- I	1
33.	Kannaiah	Design of Transmission Systems Ed.2	5
34.	Pahl	Engineering Design Ed. 3	1
35.	Yadav	Engineering Drawing	5
36.	Bhatt	Engineering Drawing	5
37.	Agrawal	Engineering Drawing Ed.2	3
38.	Harris	Engineering Ethics: Concepts and Cases Ed.4	5
39.	Moaveni	Engineering Fundamentals Ed.2	5
40.	Varghese	Engineering Graphics	2
41.	Venugopal	Engineering Graphics Ed.15	1
42.	Gupta	Engineering Materials	1
43.	Budinski	Engineering Materials Ed.9	2
44.	Karthick	Engineering Practices Ed.2	5
45.	Raghurman	Engineering Practices Ed.4	5
46.	Koontz	Essentials of Management Ed.10	5
47.	Mom	Evolution of Automotive Technology	1
48.	Campbell	Fatigue and Fracture	1
49.	King	Fleet Services	1
50.	Esposito	Fluid Power with Applications Ed.7	5
51.	El Hami	Fluid-Structure Interactions and Uncertainties Vol.6	1
52.	Beeley	Foundry Technology	1
53.	Lal	Fundamentals of Design and Manufacturing	5
54.	Lal	Fundamentals of Manufacturing Process	5
55.	Phelan	Fundamentals of Mechanical Design Ed.3	2

56.	Jouaneh	Fundamentals of Mechatronics	1
57.	Shiv Kumar	Fundamentals of Thermal Engineering	1
58.	Chen	Fusion of Hard and Soft Control Strategies for the Robotic Hand	1
59.	Davis	Gear Materials, Properties, and Manufacturing	1
60.	Johnson	Handbook of Fluid Dynamics	1
61.	Davis	Handbook of Industrial Chemistry Vol.2	2
62.	Ali	Handbook of MATLAB Programming for Mechanical Engineers	1
63.	Srinivas	Handbook of Mechanical Engineering Ed.2	2
64.	Harne	Harnessing Bistable Structural Dynamics	1
65.	Ridley	Hybrid Phonons in Nanostructures	1
66.	Ferrari	Hybrid Systems	1
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70.	Shrivastava	Industrial Engineering	1
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74.	Eckenfelder	Industrial Water Pollution Control Ed.3	2
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77.	Flasinski	Introduction to Artificial Intelligence	1
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79.	Clifford	Introduction to Mechanical Engineering	1
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81.	Joshi	Jigs and Fixtures Ed.3	3
82.	Campbell	Joining Understanding the Basics	1
83.	Shigley	Kinematic Analysis of Mechanisms Ed.2	2
84.	Singh	Kinematics	1
85.	Polmear	Light Alloys	1
86.	Campbell	Lightweight Materials	1
87.	Sundararajamoorthy	Machine Design	5

88.	Kannaiah	Machine Design Ed. 2	10
89.	Narayana	Machine Drawing Ed.5	1
90.	Lad	Machine Tool Reliability	1
91.	Youssef	Machining Technology	1
92.	Grover	Maleev and Hartman's Machine Design in SI Units Ed. 6	2
93.	Laudon	Management Information System Ed.14	5
94.	Rao	Management Science and Industrial Management	2
95.	Evans	Managing for Quality and Performance Excellence	5
96.	Rao	Manufacturing Science and Technology	1
97.	Chryssolouris	Manufacturing Systems Ed.2	1
98.	Adhitan	Manufacturing Technology	1
99.	Elanchezhian	Manufacturing Technology - I	5
100.	Kesavan	Manufacturing Technology II	5
101.	Rao	Manufacturing Technology Vol.II Ed.3	5
102.	Smith	Material Science in Engineering Ed.5	2
103.	Brostow	Materials	1
104.	O'Hayre	Materials Kinetics Fundamentals	1
105.	Shetty	Materials Science and Engineering	1
106.	Yesudian	Materials Science and Metallurgy	5
107.	Palanisamy	Materials Science for Mechanical Engineering	5
108.	Parameswaran	Mechanical Design	5
109.	Shigley	Mechanical Engineering Design Ed.10	5
110.	Bansal	Mechanical Engineering Ed.7	5
111.	Dieter	Mechanical Metallurgy Ed.3	5
112.	Beer	Mechanics of Materials Ed.7	1
113.	Gere	Mechanics of Materials Ed.8	1
114.	Aaronson	Mechanisms of Diffusional Phase Transformations in Metals and Alloys	1
115.	Lyshevski	Mechatronics and Control of Electromechanical Systems	1
116.	Bolton	Mechatronics Ed.4	5
117.	Tschaetsch	Metal Forming Practice	1
118.	Allen	Micro Electro Mechanical System Design	1
119.	Kim	Microbiorobotics	1
120.	McGeough	Micromachining of Engineering Materials	1

121.	Bellouard	Microrobotics	1
122.	Smallman	Modern Physical Metallurgy Ed. 8	1
123.	Lynch	Modern Robotics	1
124.	Prakash	Non-Destructive Testing Techniques	1
125.	Vepa	Nonlinear Control of Robots and Unmanned Aerial Vehicles	1
126.	Cummings	Organization Development And Change Ed.10	5
127.	Porter	Phase Transformation in Metals and Alloys Ed.3	3
128.	Hosford	Physical Metallurgy	1
129.	Raghavan	Physical Metallurgy	1
130.	Majumdar	Pneumatic Systems	5
131.	Manser	Practical Handbook of Processing and Recycling Municipal Waste	1
132.	Baldev Raj	Practical Non-Destructive Testing Ed.3	5
133.	Koontz	Principles of Management Ed.2	2
134.	Sharma	Principles of Mechanical Engineering	1
135.	Ulrich	Product Design and Development	5
136.	Arora	Production and Operations Management Ed.2	5
137.	Rama Murthy	Production and Operations Management Ed.2	1
138.	Panneerselvam	Production and Operations Management Ed.3	4
139.	Jain	Production Technology	5
140.	Tang	Quantative Remote Sensing in Thermal Infrared Theory And Applications	1
141.	Vakanski	Robot Learning	1
142.	Mathia	Robotics for Electronics Manufacturing	3
143.	Chowdhury	ROBUST Optimization	1
144.	Verma	Science and Technology of Piping Design	5
145.	Spellman	Science of Renewal Energy	1
146.	Luqman	Sheet Metal Press Tools Design and Making	2
147.	Subramani	Statistics for Management Ed.3	5
148.	Ramalingam	Steam Tables	25
149.	Jones	Stress-Corrosion Cracking Ed.2	1
150.	Smith	Structure and Properties of Engineering Alloys Ed. 2	2
151.	Wisner	Supply Chain Management Ed.3	4

152.	Chopra	Supply Chain Management Ed.6	5
153.	Natarajan	Text Book of Engineering Graphics	5
154.	Sharma	Text Book of Production Technology	5
155.	Rajput	Textbook of Manufacturing Technology Ed.2	5
156.	Bansal	Textbook of Theory of Machines Ed.5	5
157.	Hegde	Textbook on Industrial Robotics	1
158.	Adhwarjee	Theory and Applications of Mechanical Vibrations	1
159.	Uicker	Theory of Machines and Mechanisms Ed.4	3
160.	Bevan	Theory of Machines Ed.3	5
161.	Rattan	Theory of Machines Ed.4	3
162.	Rudramoorthy	Thermal Engineering	3
163.	Ramalingam	Thermal Engineering Ed. 2	10
164.	Potter	Thermal Sciences	5
165.	Donaldson	Tool Design Ed.5	5
166.	Goldstein	Training in Organizations Ed.4	5
167.	Singh	Unconventional Manufacturing Process	1
168.	Wulpi	Understanding How Components Fail	1
169.	Jeffus	Welding and Metal Fabrication	1
170.	Hoffman	Welding Ed.2	2
171.	Kou	Welding Metallurgy Ed.2	2
172.	Khan	Welding Science and Technology	1
173.	Garg	Workshop Technology Ed.4	5
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1.	Kutz	Applied Plastics Engineering Handbook Ed.2	1
2.	Thakur	Biopolymer Grafting Applications	1
3.	Iyengar	Composite Material and Structural Analysis	4
4.	Chawla	Composite Materials	2
5.	Srinivasan	Composite Materials	5
6.	Yi	Composite Materials Engineering Vol.1	1
7.	Yi	Composite Materials Engineering Vol.2	1
8.	Buragohain	Composite Structures	1
9.	Mallick	Composites Engineering Handbook Part 1 & 2 (Set)	1
10.	Kim	Disposable and Flexible Chemical Sensors and Biosensors made with Renewable Materials	1
11.	Buhan	Elastic, Plastic and Yield of Reinforced Structures	1
12.	McKeen	Fatigue and Tribological Properties of Plastics and Elastomers Ed.3	1
13.	Kumar	Fundamentals of Nanotechnology	1
14.	Bolgar	Handbook for the Chemical Analysis of Plastic and Polymer Additives	1
15.	Rumble	Handbook of Chemistry and Physic	1
16.	Feng	III-Nitride Materials Devices and Nano-Structures	1
17.	Archer	Inorganic and Organometallic Polymers	1
18.	Kaw	Mechanics of Composite Materials Ed.2	1
19.	Wang	Microfluidics for Advanced Functional Polymeric Materials	1
20.	Hoogenboom	Microwave Assisted Polymer Synthesis	1
21.	Dariusz Bogdal	Microwave-Enhanced Polymer Chemistry and Technology	1
22.	Barzic	Multiphase Polymer Systems	1

23.	Pradeep	Nano	3
24.	Ghosh	Nanoelectronics	1
25.	Cao	Nanostructures and Nanomaterials	**1**
26.	Mohan Kumar	Nanotechnology	5
27.	Cheng	Phase Transitions in Polymers	2
28.	Rosato	Plastics Engineered Product Design	1
29.	Crawford	Plastics Engineering Ed. 3	2
30.	Scholz	Polymers for Biomedicine	1
31.	Tuttle	Structural Analysis of Polymeric Composite Materials Ed.2	1
32.	Campbell	Structural Composite Materials	1
33.	Billmeyer	Textbook of Polymer Science	5
34.	Guinebretiere	X-ray Diffraction by Polycrystalline Materials	1
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2.	Wiley	SSC -CGL Exam Goalpost Test Cracker Tier - 1	3
3.	GKP	GATE 2018 Computer Science and Information Technology	2
4.	GKP	GATE 2018 Mechanical Engineering	2
5.	GKP	GATE 2018 Electronics and Communication Engineering	2
6.	Karna	Complete Book with Theory and Thousands of Questions with Detailed Solutions for Junior Engineer	2
7.	Verne	Journey to the Centre of the Earth	1
8.	Dickens	Tale of Two Cities	1
9.	Carroll	Alice in Wonderland	1
10.	Verne	Around the World in Eighty days	1
11.	Sewell	Black Beauty	1
12.	Dickens	David Copperfield	1
13.	Hardy	Far from the Madding Crowd	1
14.	Shelley	Frankenstein	1

15.	Dickens	Great Expectations	1
16.	Dickens	Hard Times	1
17.	Spyri	Heidi	1
18.	Scott	Ivanhoe	1
19.	Bronte	Jane Eyre	1
20.	Stevenson	Kidnapped	1
21.	Haggard	King Solomon's Mines	1
22.	Alcott	Little Women	1
23.	Melville	Moby Dick	1
24.	Dickens	Oliver Twist	1
25.	Barrie	Peter Pan	1
26.	Austen	Pride and Prejudice	1
27.	Twain	Adventures of Huckberry Finn	1
28.	Pyle	Adventures of Robin Hood	1
29.	Twain	Adventures of Tom Sawyer	1
30.	London	Call of the Wild	1
31.	Dumas	Count of Monte Cristo	1
32.	Doyle	Hound of the Baskervilles	1
33.	Hugo	Hunchback of Notre Dame	1
34.	Wells	Invisible Man	1
35.	Doyle	Lost World	1
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55.	Natarajan	New Century's Shakespeare Julius Caesar	1
56.	Natarajan	Tempest	1
57.	Chandrasekaran	Student Friendly Book of Grammar and Spoken English	1
58.	Jayasudha	Soft / Communication Skills	1
59.	Natarajan	New Century's Shakespeare Much Ado about Nothing	1
60.	Shute	Town like Alice Wonder	1
61.	Savarimuttu	English Grammar and Usage	1
62.	Vincent	India 2020	1
63.	Rajappan	Let's Speak English Fluently and Accurately	1
64.	Natarajan	New Century's Shakespeare the Merchant of Venice	1
65.	Shakespeare	Merchant of Venice	1
66.	Ganesan	From a Good Teacher to a Great Teacher Vol. II	1
67.	Aggarwal	Quantitative Aptitude	1
68.	GKP	Gate 2018 : Computer Science and Information Technology	1
69.	Goswami	Gate Tutor 2018 : Mechanical Engineering	1
70.	Arihant	Bank PO Solved Papers Upto 2016	1
71.	Singh	Gate Mathematics	1
72.	Arunachalam	Quantitative Genetics for Quality Experimentation	1
73.	Bhatnay	Correct Your Common Errors	1
74.	Aggarwal	Modern Approach to Non-Verbal Reasoning	1
75.	Pandey	Objective General Knowledge	1
76.	Bakshi	Objective General Knowledge English	1
77.	Pandey	G.K. 2018	2

78.	Carter	Test Your IQ 400 Questions	1
79.	Carter	Test and Assess Your IQ	1
80.	Carter	Test and Assess Your Brains Quotient	1
81.	Carter	IQ Testing	1
82.	Barrett	Aptitude Personality and Motivation Tests Ed.3	1
83.	Pandey	14 years Objective Solved Paper 2004-2017	1
84.	Goel	Gate Tutor 2018: Electronics and Communication Engineering	1
85.	GKP	Gate 2018: Electronic and Communication Engineering	1
86.	Rosen	Encyclopedia and Physics	1
87.	Green	Barron's GRE 2017 Ed. 21	1
88.	GKP	RRB Senior Section Engineer Mechanical Engineering 2016	1
89.	GKP	CMWSSB: Assistant Engineer Mechanical Engineering 2017	1
90.	GKP	SAIL Mechanical Engineering: Management Trainee 2017-18	1
91.	GKP	TRB Lecturers (Engineering) Computer Science Engineering 2017	1
92.	GKP	TRB Lecturers (Engineering) Electronics and Communication 2017	1
93.	GKP	TRB Lecturers (Engineering) Mechanical 2017	1
94.	GKP	GATE 2018: 18 Years Chapter-Wise Solved Papers (2000-2017) Instrumentation Engineering	1
95.	GKP	GATE 2018: Instrumentation Engineering	1
96.	GKP	RRB Junior Engineer Mechanical Engineering 2016	1
97.	GKP	RRB Senior Section Engineer Electrical Engineering 2016	1
98.	GKP	DRDO (CEPTAM): Senior Technical Assistant Computer Science 2017	1
99.	GKP	CMWSSB : Civil Engineering 2017	1
100.	GKP	GATE Guide 2018: Production and Industrial Engineering	1
101.	GKP	TRB Lecturers Electrical and Electronics 2017	1
102.	Kaplan	TOEFL iBT Prep Plus 2018- 2019	1
103.	Kaplan	GMAT Prep 2018	1
104.	Kaplan	GRE Prep 2018	1
105.	Kaplan	GRE Prep Plus 2018	1
106.	Kaplan	6 Practice Tests for the IELTS	1
107.	Kaplan	SAT Prep Plus 2018	1

108.	Karthikeyan	Ethics Integrity and Aptitude: for Civil Services Main Examinations Ed. 2	1
109.	Karthikeyan	Governance in India	1
110.	Khattar	Pearson Guide to Quantitative Aptitude for Competitive Examinations Ed. 3	1
111.	Kumar	Indian Society For Civil Services Main Examination GS Paper - I	1
112.	Pushkar	Complete Guide to SBI Bank Clerical Cadre Exam	1
113.	Kapoor	Previous Years' Solved Question Papers GATE 2018 Electronics and Communication Engineering	1
114.	Sinha	Quantitative Aptitude for the CAT Ed.4	1
115.	Sinha	Verbal Ability and Reading Comprehension for the CAT Ed. 3	1
116.	Sorrenson	McGraw-Hill's IELTS	1
117.	Thorpe	General Studies Paper II	1
118.	Thorpe	Pearson Concise General Knowledge Manual 2018	1
119.	Crispin	Dictionary of Technical Terms Ed.11	1
120.	Means	English and Communication for Colleges Ed.4	2
			129