

**ANNA UNIVERSITY  
UNIVERSITY LIBRARY, MIT CAMPUS**

**LIST OF BOOKS PURCHASED DURING 2016-17**

**DEPARTMENT OF AERONAUTICAL ENGINEERING**

<b>S.No.</b>	<b>Author</b>	<b>Title</b>	<b>Qty</b>
1	Anderson	Aircraft Performance and Design	5
2	Anderson	Computational Fluid Dynamics	5
3	Reddy	Introduction to the Finite Elements Ed.3	5
4	Vela Murali	Engineering Mechanics	5
5	Raghavan	Material Science and Engineering Ed.6	5
6	Rajput	Text book of Engineering Thermodynamics Ed.5	5
7	Budinski	Engineering Materials Ed.9	5
8	Nag	Engineering Thermodynamics Ed.5	5
9	Balasubramaniam	Callister's Materials Science and Engineering Ed.2	7
10	Sachdeva	Fundamentals of Engineering Heat and Mass Transfer Ed.4	5
11	Ganesan	Gas Turbines Ed.3	4
12	Nag	Heat and Mass Transfer Ed.3	3
13	Cengel	Heat and Mass Transfer Ed.5	5
14	Holman	Heat Transfer Ed.10	5
15	Chandrupatla	Introduction to Finite Elements in Engineering Ed.3	5
16	Date	Introduction to Computational Fluid Dynamics	5
17	Nag	Engineering Thermodynamics Ed.5	3
18	Nagaraja	Elements of Electronic Navigation Ed.2	5
19	Chorlton	Textbook of Fluid Dynamics	5
20	Rattan	Strength of Materials Ed.2	2
21	Dieter	Engineering Design Ed.4	5
22	Singh	Experimental Stress Analysis Ed.4	2
23	Rao	Mechanical Vibrations Ed.4	5
24	Hibbeler	Mechanics of Materials Ed.9	5
25	Anderson	Computational Fluid Dynamics	5
26	Kottiswar	Engineering Mechanics	5
27	Versteeg	Introduction to Computational Fluid Dynamics Ed. 2	5
28	Kroes	Aircraft Maintenance and Repair Ed.7	5

29	Newstrom	Organizational Behavior Ed.12	5
30	Chattopadhyay	Engineering Thermodynamics	5
31	Hill	Mechanics & Thermodynamics of Propulsion Ed.2	5
32	Bansal	Strength of Materials Ed.5	1
33	Popov	Engineering Mechanics of Solids Ed.2	5
34	Anderson	Fundamentals of Aerodynamics Ed.5	4
35	Hutton	Fundamentals Of Finite Element Analysis	4
36	Holman	Heat Transfer Ed.10	3
37	Hill	Mechanics & Thermodynamics Of Propulsion Ed.2	5
38	Fitzgerald	Mechanics Of Materials	5
39	Velamurali	Engineering Mechanics	5
40	Pratt	Satellite Communications Ed.2	5
41	Rattan	Strength Of Materials Ed.2	5
42	Dhanraj	Finite Element Methods	5
43	Ghoshdastidar	Heat Transfer Ed.2	5
44	Murali	Engineering Mechanics	5
45	Gandhi	Heat And Mass Transfer	5
46	Somasundaram	Gas Dynamics And Jet Propulsion	5
47	Hussain	Gas Dynamics	5
48	Somasundaram	Engineering Thermodynamics	5
49	Nagaraj	Basic Thermodynamics	5
50	Kajishima	Computational Fluid Dynamics	1
51	Pozrikidis	Fluid Dynamics Ed.3	1
52	Garde	Turbulent Flow Ed.3	5
53	Rao	Turbomachine Blade Vibration	5
54	Kakani	Engineering Materials	5
55	Baker	Composite Materials for Aircraft Structures Ed.3	1
56	Rajadurai	Thermodynamics and Thermal Engineering	5
57	Rao	Advanced Theory of Vibration	5
58	Vasiliev	Advanced Mechanics of Composite Materials and Structural Elements Ed.3	2
59	Tooley	Aircraft Electrical and Electronic Systems	4
60	Eshelby	Aircraft Performance	4
61	Burns	Applied Statics and Strength of Materials Ed.2	2
62	Tewari	Atmospheric and Space Flight Dynamics	4
63	Stotsky	Automotive Engines	4
64	Carrigan	Automotive Technology	4

65	Kuethe	Foundations of Aerodynamics Ed.5	4
66	Currie	Fundamental Mechanics of Fluids Ed.3	2
67	Nolan	Fundamentals of Air Traffic Control Ed.5	4
68	Hull	Fundamentals of Airplane Flight Mechanics	4
69	Hofmann	Global Positioning Systems Ed.5	4
70	Jaganathan	Jet Engines	4
71	Dole	Flight Theory and Aerodynamics Ed.3	1
72	Breuer	Commercial Aircraft Composite Technology	1
73	Hansen	Aerodynamics of Wind Turbines Ed.3	1
74	Saha	Aerospace Manufacturing Processes	1
75	Obidi	Theory & Applications of Aerodynamics for Ground Vehicles	1
76	Wright	Introduction to Aircraft Aeroelasticity and Loads Ed.2	1
77	Dhanaraj	Finite Element Methods	5
78	Shearer	Introduction to System Dynamics	5
79	McClean	Understanding Aerodynamics	1
80	Boord	Air and Missile Defense Systems Engineering	1
81	Asgari	Gas Turbines Modeling, Simulation, and Control	1
82	Bansal	Textbook of Strength of Materials Ed.6	5
83	Rajput	Textbook of Engineering Thermodynamics Ed.5	5
84	Bansal	Engineering Mechanics Ed.4	5
85	Ramamurthy	Rocket Propulsion	5
86	Venkateshan	Computational Methods in Engineering	5
87	Balakrishnan	Elements of Nonequilibrium Statistical Mechanics	5
88	Ukarande	Fluid Mechanics and Hydraulics	5
89	Babu	Fundamentals of Gas Dynamics Ed. 2	5
90	Singh	Strength of Materials Ed. 4	5
91	Evans	Satellite Communication Systems Ed.3	1
92	Qua	Applied Engineering Failure Analysis	1
93	Sebbane	Smart Autonomous Aircraft	1
94	Flack	Fundamentals of Jet Propulsion with Applications	5
95	Russell	Mass and Heat Transfer	5
96	Munjiza	Large Strain Finite Element Method	1
97	Cengel	Fluid Mechanics Ed.3	2
98	Cengel	Heat and Mass Transfer Ed.5	5
99	Florio	Airworthiness Ed.3	1
100	Murakami	Theory of Elasticity and stress concentration	1
101	Yin	Introduction to the Micromechanics of Composite	1

		Materials	
102	Garde	Turbulent Flow Ed.3	5
103	Kakani	Material Science Ed.3	5
104	Kothandaraman	Fundamentals of Heat and Mass Transfer Ed.4	5
105	Kothandaraman	Heat and Mass Transfer Data Book	5
106	Rao	Introductory Course on Theory and Practice of Mechanical Vibration Ed.2	5
107	Yahya	Gas Tables Ed.7	3
108	Venkatesan	Fundamentals of Helicopter Dynamics	1
109	Nitharasu	Fundamentals of the Finite Element Method for Heat and Mass Transfer Ed.2	1
110	Vepa	Flight Dynamics, Simulation, and Control	1
111	Fahy	Fundamentals of Sound and Vibration Ed.2	1
112	Sultanian	Fluid Mechanics	1
113	Ahmed	Wind Energy Ed.3	5
114	Earnest	Wind Power Technology Ed.2	5
115	Datta	Materials Design using Computational Intelligence Techniques	1
116	Muralidhar	Advanced Engineering Fluid Mechanics Ed.3	5
117	Muvdi	Mechanics of Materials	1
118	Kearton	Steam Turbine Theory and Practice Ed.7	3
119	Venkatramaiah	Engineering Mechanics, Strength of Materials and Elements of Structural Analysis	2
120	Emanuel	Analytical Fluid Dynamics Ed.3	1
121	Megson	Introduction to Aircraft Structural Analysis Ed.2	3
122	Newman	Foundations of Helicopter Flight	2
123	Fahlstrom	Introduction to UAV Systems Ed.4	2
124	Nebylov	Aerospace Navigation Systems	2
125	Phillips	Mechanics of Flight Ed.2	2
126	Zucrow	Gas Dynamics Vol. 1	2
127	Pratt	Satellite Communications Ed.2	2
128	Reddy	Introduction to the Finite Element Method Ed.3	3
129	Dhanaraj	Finite Element Method	3
130	Rajput	Heat and Mass Transfer	2
131	Ramalingam	Aeroplane	4
132	Anderson	Aircraft Performance and Design	5
133	Anderson	Introduction to Flight Ed.6	5
134	Treager	Aircraft Gas Turbine System Technology Ed.3	4
135	Kroes	Aircraft Maintenance & Repair Ed.7	5

136	Kumar	Elements of Fracture Mechanics	5
		<b>Total</b>	<b>497</b>

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**LIST OF BOOKS PURCHASED DURING 2016-17**

**DEPARTMENT OF AUTOMOBILE ENGINEERING**

<b>S.No.</b>	<b>Author</b>	<b>Title</b>	<b>Qty</b>
1	Kirpal Singh	Automobile Engineering - Vol. 1	4
2	Kirpal Singh	Automobile Engineering - Vol.2	5
3	Rajput	Thermal Engineering Ed.10	5
4	Ganesan	Internal Combustion Engines Ed.4	5
5	Ganesan	Internal Combustion Engines Ed.4	5
6	Jain	Automobile Engineering	5
7	Crouse	Automotive Mechanics Ed.10	5
8	Gupta	Fluid Mechanics and Hydraulic Machines	5
9	PSG	Design Data	10
10	Rai	Non-Conventional Energy Sources Ed.5	5
11	Borgnakke	Fundamentals of Thermodynamics Ed.7	5
12	Cengel	Thermodynamics	5
13	Jain	Automobile Engineering	5
14	Kirpal Singh	Automobile Engineering Vol I	2
15	Srinivasan	Automotive Mechanics Ed.2	2
16	Pundir	IC Engines: Combustion and Emissions	5
17	Baldev Raj	Practical Non-Destructive Testing Ed.3	5
18	PSG	Design Data	2
19	Shigley	Mechanical Engineering Ed.2	5
20	Begamudre	Energy Conversion Systems	5
21	Prasad	Refrigeration And Air Conditioning Data Book Ed.2	5
22	Agrawal	Internal Combustion Engines Ed.2	5
23	Mukherjee	Fundamentals Of Renewable Energy Systems	5
24	Sirohi	Mechanical Measurements	2
25	Aditan	Practical Refrigeration And Air Conditioning Ed.3	5
26	Rangwala	Structural Dynamics Of Turbo-Machines	5
27	Katz	Automotive Aerodynamics	1
28	Rao	Rotor Dynamics Ed.3	5
29	Srinivasan	Rotodynamic Pumps	5
30	Prakash	Non-Destructive Testing Techniques	5
31	Tang	Automotive Vehicle Assembly Processes and Operations Management	1
32	Barnett	Vehicle Battery Fires	1
33	Siddiqui	Textbook of Automobile Engineering	5

34	Dukkipati	Road Vehicle Accident Reconstruction	5
35	Prasad	Refrigeration and Air Conditioning	5
36	Maiti	Classical Mechanics and General Properties of Matter Ed.2	5
37	Nam	AC Motor Control and Electric Vehicle Applications	4
38	Heisler	Advanced Vehicle Technology Ed.2	4
39	Steeby	Alternative Energy	4
40	Erjavec	Alternative Fuel Technology	4
41	Happain-Smith	Introduction to Modern Vehicle Design	4
42	Cantor	Automotive Engineering	4
43	Morello	Automotive Body Vol - I	4
44	Reimpell	Automotive Chassis Ed.2	4
45	Gilles	Maintenance of Automotive Engines	4
46	Davies	Materials for Automobile Bodies Ed.2	2
47	Thipse	Textbook of Internal Combustion Engines Ed.2	3
48	Adachi	Engine Emissions Measurement Handbook	1
49	Richards	Automotive Fuels Reference Book Ed.3	1
50	Kalghatgi	Fuel/Engine Interactions	1
51	Wang	Internal Combustion Processes of Liquid Rocket Engines	1
52	Bansal	Textbook of Fluid Mechanics and Hydraulics Machines Ed.9	5
53	Rajput	Thermal Engineering Ed.10	5
54	Bansal	Textbook of Fluid Mechanics	5
55	Rajput	Textbook of Power Plant Engineering Ed.5	5
56	Bansal	Textbook of Theory of Machines Ed.5	5
57	Rajput	Textbook of Automobile Engineering Ed.2	5
58	Venkateshan	Mechanical Measurements Ed. 2	5
59	Heywood	Internal Combustion Engine Fundamentals	5
60	Crouse	Automotive Mechanics Ed.10	5
61	Bevan	Theory of Machines Ed.3	5
62	Ganesan	Internal Combustion Engines Ed.4	5
63	Duffy	Auto Body Repair Technology Ed.5	4
64	Garde	Fluid Mechanics Ed.3	5
65	Abbasi	Renewable Energy Sources	5
66	Pundir	Engine Emissions Ed.2	5
67	Pundir	IC Engines	5
68	Quigley	Project Management for Automotive Engineers	1
69	Hummel	Fundamentals of Engineering High-Performance Actuator Systems	1
70	Adouane	Autonomous Vehicle Navigation	1
71	Ramamurti	Mechanics of Machines, Ed.3	5
72	Baldev	Practical Non-Destructive Testing Ed.3	5
73	Bansal	Textbook of Fluid Mechanics and Hydraulic Machines	1

74	Bansal	Textbook Theory of Machines Ed.5	3
75	Arora	Fluid Mechanics, Hydraulics and Hydraulic Machines	3
76	Ganesan	Internal Combustion Engines Ed.4	2
77	Rattan	Theory of Machines Ed.4	4
		<b>Total</b>	<b>310</b>



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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

<b>S.No.</b>	<b>Author</b>	<b>Title</b>	<b>Qty</b>
1	Forouzan	Data Communications and Networking Ed.4	5
2	Sudhakar	Circuits and Networks Ed.5	5
3	Franco	Design with Operational Amplifiers and Analog Integrated Circuits. Ed.4	5
4	Razavi	Design of Analog CMOS Integrated Circuits	5
5	Kraus	Antennas and Wave Propagation Ed.4	5
6	Bhurchandi	Advanced Microprocessors and Pheripherals Ed.3	5
7	Kraus	Antenna and Wave Propagation Ed.4	2
8	Balanis	Antenna Theory Ed.3	2
9	Kothari	Electric Machines Ed.4	5
10	Neamen	Electronic Circuit Ed.3	5
11	Boylestad	Electronic Devices & Circuits Ed.11	5
12	Razavi	Design of Analog CMOS Integrated Circuits	5
13	Millman	Electronic Devices and Circuits Ed.4	5
14	Rashid	Power Electronics Ed.3	5
15	Sudhakar	Circuits and Networks Ed.5	5
16	Perkins	Ad Hoc Networking	5
17	Jain	Fundamentals of Digital Image Processing	5
18	Gray	Analysis and Design of Analog Integrated Circuits Ed.5	6
19	Pucknell	Basic VLSI Design Ed.3	5
20	Haykin	Communication Systems Ed.4	5
21	Muthusubramanian	Basic Electrical & Electronics Engineering	5
22	Leach	Digital Principles and Applications Ed.8	5
23	Kenndey	Electronic Commuation Systems Ed.5	5
24	Keiser	Optical Fiber Communication Ed.5	5
25	Das	Microwave Engineering Ed.3	5
26	Kothari	Electric Machines Ed.4	5
27	Franco	Design with Operational Amplifiers and Analog Interated Circuits Ed.4 AnaAnalAnalog In Ed.4	5
28	Forouzan	Data Communication & Networking Ed.4	5
29	Neamen	Electronic Circuit Ed.3	5
30	Millman	Electronic Devices and Circuits Ed.4	5
31	Rabeay	Digital Integrated Circuit Ed.2	5

32	Ha	Theory and Design of Digital Communication Systems	5
33	Biswas	Wireless Communication	5
34	Singal	Optical Fiber Communications	5
35	Madhow	Fundamentals of Digital Communication	5
36	Murthy	AD Hoc and Wireless Networks	5
37	Das	Antennna and Wave Propagation	5
38	Kraus	Antennas and Wave Propagation Ed.4	5
39	Smith	Application-Specific Integrated Circuits	5
40	Sudhakar	Circuits and Networks Ed.5	5
41	Haykin	Digital Communication Systems	5
42	Floyd	Digital Fundamentals Ed.10	5
43	Rabaey	Digital Integrated Circuits Ed.2	5
44	Yarbrough	Digital Logic	5
45	Bellamy	Digital Telephony Ed.3	5
46	Kothari	Modern Power System Analysis Ed.4	5
47	Neamen	Electronic Circuits Ed.3	3
48	Rao	Elements of Engineering Electromagnetics Ed.6	5
49	Mano	Digital Design Ed.5	5
50	Zhao	Wireless Sensor Networks	5
51	Millman	Electronic Devices and Circuits Ed.4	5
52	Skolnik	Introduction to Radar System Ed.3	5
53	Kant	Microprocessors and Microcontrollers Ed.2	5
54	Skolnik	Introduction to Radar Systems Ed.3	5
55	Sedra	Microelectronic Circuits Ed.6	5
56	Liao	Microwave Devices and Circuits Ed.3	5
57	Ryder	Networks Lines and Fields Ed.2	5
58	Keiser	Optical Fiber Communications Ed.5	5
59	Senior	Optical Fiber Communications Ed.3	5
60	Kundur	Power System Stability and Control	4
61	Razavi	Design of Analog CMOS Integrated Circuits	4
62	Floyd	Principles of Electric Circuits Ed.9	2
63	Nahvi	Schaum's Electric Circuits Ed.5	3
64	Bhasker	VHDL Primer Ed.3	5
65	Hsu	Schaum's Outlines Analog and Digital Communication Ed.3	5
66	Kraus	Antenna and Wave Propagation Ed.4	5
67	Toro	Basic Electric Machines	5
68	Kothari	Basic Electrical Engineering Ed.3	5
69	Weste	CMOS VLSI Design Ed.4	4
70	Frenzel	Communication Electronics Ed.3	5
71	Mir	Computer and Communications Networks	5
72	Forouzan	Data Communication and Networking Ed.5	5
73	Pattnaik	Fundamentals of Mobile Computing Ed.2	5

74	Boylestad	Electronic Devices and Circuit Theory Ed.11	5
75	Gonzalez	Digital Image Processing Ed.3	5
76	Floyd	Electronic Devices Ed.9	5
77	Roth	Fundamentals of Logic Design Ed.4	5
78	Taub	Digital Integrated Electronics	5
79	Mano	Schaum's Digital Logic And Computer Design Ed.2	5
80	Hayes	Schaum's Digital Signal Processing Ed.2	4
81	Nahvi	Schaum' s Electric Circuits Ed.5	5
82	Subramanyam	Electric Drives Ed.2	5
83	Kothari	Electric Machines Ed.4	5
84	Edminister	Schaum's Electromagnetics Ed.2	5
85	Roddy	Electronic Communications Ed.4	5
86	Haykin	Digital Communication	5
87	Bose	Modern Power Electronics & Ac Drives	5
88	Pozar	Microwave Engineering Ed.4	5
89	Ryder	Networks, Lines And Fields Ed.2	5
90	Anand	Vlsi Design Ed.3	5
91	Rappaport	Wireless Communications Ed.2	5
92	Bell	Electric Circuits Ed.7	5
93	Dalal	Wireless Communication	5
94	Das	Vlsi Design Ed.2	5
95	Dutta	Semiconductor Devices And Circuits	5
96	Islam	Semiconductor Physics And Devices	5
97	Jones	Materials Science For Electrical And Electronic Engineers	5
98	Mutagi	Digital Communication Ed.2	5
99	Nagsarkar	Basic Electrical Engineering Ed.2	5
100	Sukhija	Circuits And Networks	5
101	Rau	Power System Dynamics	5
102	Ramu	Reliability And Life Estimation Of Power Equipment	5
103	Huijsing	Operational Amplifiers Ed.3	1
104	Karwa	Heat And Mass Transfer	1
105	Grundmann	Physics Of Semiconductors	1
106	Dasgupta	Power Transformers	5
107	Bhavikatti	Fundamentals of Optimum Design in Engineering Ed.2	5
108	Bose	Semiconductor Materials and Devices	5
109	Shynk	Mathematical Foundations for Linear Circuits and Systems in Engineering	1
110	Penttinen	Wireless Communications Security	1
111	Strobel	Optical and Microwave Technologies for Telecommunication Networks	1
112	Minoli	Satellite Systems Engineering in an IPv6 Environment	2
113	Rashid	Power Electronics Handbook Ed.3	1
114	Gray	Analysis and Design of Analog Integrated Circuits Ed.5	3

115	Galitz	Essential Guide to User Interface Design Ed.2	5
116	Paul	Introduction to Electromagnetic Compatibility Ed.2	5
117	Hansmann	Principles of Mobile Computing Ed.2	5
118	Hayes	Statistical Digital Signal Processing and Modeling	5
119	Pozar	Microwave Engineering Ed.4	5
120	Molisch	Wireless Communication Ed.2	5
121	Zhou	Enabling Technologies for High Spectral-efficiency Coherent Optical Communication Networks	1
122	Basso	Linear Circuit Transfer Functions	1
123	Sadiku	Signals and Systems	1
124	Davis	Foliage Penetration Radar	1
125	Gaydecki	Foundations of Digital Signal Processing	1
126	Kay	High Pressure Cold Spray	1
127	Forouzan	Data Communication and Networks Ed.5	5
128	Andleigh	Multimedia System Design	5
129	Gonzalez	Digital Image Processing Ed.3	4
130	Schiller	Mobile Communications Ed.2	4
131	Jain	Fundamentals of Digital Image Processing	4
132	Padmanabhan	Electronics Components	5
133	Sudhakar	Linear and Integrated Circuits Design	5
134	Ramesh Babu	Digital Signal Processing Ed.2	5
135	Murti	Essentials of Nonlinear Optics	5
136	Palani	Principles of Digital Signal Processing	5
137	Penttinen	LTE-Advanced Deployment Handbook	1
138	McAndrew	Computational Introduction to Digital Image Processing Ed. 2	1
139	Alkin	Signals and systems	1
140	Yu	Computational Intelligent Data Analysis for Sustainable development	1
141	Smith	Virtual Machines	2
142	Zhao	Wireless Sensor Networks	3
143	Proakis	Digital Signal Processing Ed.4	5
144	Rabaey	Digital Integrated Circuits Ed.2	5
145	Ifeachor	Digital Signal Processing Ed.2	5
146	Pucknell	Basic VLSI Design Ed.3	5
147	Ramaswami	Optical Networks Ed.3	5
148	Smith	Application-Specific Integrated Circuits	5
149	Weste	CMOS VLSI Design Ed.4	5
150	Esmailzadeh	Broadband Telecommunications Technologies and Management	1
151	Tyson	Principles of Adaptive optics Ed.4	1
152	Das	Mobile Terminal Receiver Design	1
153	You	Radar Data Processing with Applications	1
154	Jarry	Microwave Amplifier and Active circuit Design	1
155	Robertson	Microwave and Millimetre-Wave Design for Wireless Communications	1

156	Chatterjee	Antenna Theory and Practice	5
157	Kakani	TextBook of Electronics Ed.4	5
158	Kakani	Electronics	5
159	Paranjothi	Electric Circuit Analysis Ed.4	5
160	Saha	Compact Models for Integrated Circuit Design	1
161	Galvan	Ultra Wideband Antennas	1
162	Sabban	Low-Visibility Antennas for Communications Systems	1
163	Bandyopadhyay	Electrical Machines	5
164	Bandyopadhyay	Electrical Power Systems	5
165	Bandyopadhyay	Introduction to Signals and Systems and Digital Signal Processing	5
166	Bandyopadhyay	Optical Communication and Networks	5
167	Banerjee	Electrical and Electronics Engineering Materials	5
168	Chanda	Digital Image Processing and Analysis Ed.2	5
169	Chiplunkar	VLSI CAD	5
170	Deshpande	Elements of Electrical Power Station Design	5
171	Ghosh	Fundamentals of Electrical and Electronics Engineering Ed.2	5
172	Ghosh	Introduction to Transducers	4
173	Gupta	Power Plant Engineering	5
174	Indulkar	Power System Transients Ed.2	5
175	Kal	Basic Electronics	5
176	Khan	First Course in Electronics	5
177	Dash	Fundamentals of Elctromagenetic Theory Ed.2	5
178	Kothari	Power System Optimization Ed.2	5
179	Kothari	Theory and Problems of Basic Eelectrical Engineering Ed.2	5
180	Maity	Optoelectronics and Optical Fiber Sensors	5
181	Mathur	Microprocessor 8085 and Its Interfacing Ed.2	5
182	NIIT	Basics of Electronic Devices	5
183	Nagrath	Electronics Ed.2	5
184	Nagrath	Electronic Devices and Circuits	5
185	Nair	Digital Signal Processing	5
186	Nair	Electronic Devices and Applications	5
187	Nair	Applied Electromagnetic Theory	5
188	Nair	Solid State Devices Vol. I	5
189	Navas	Electronics Lab Manual Vol. I Ed.5	5
190	Navas	Lab Primer through MATLAB	5
191	Pramanik	Electromagnetism Ed.3	5
192	Patil	Basic Electronic Devices and Circuits	5
193	Rao	Electromagnetic Waves and Transmission Lines	5
194	Ray	Electrical Power Systems Ed.2	5
195	Theis	Biomedical Signal Analysis	5
196	Venkatesh	Electrical Power Systems	5
197	Yogesh	Computer Aided Electrical Drawing	5
198	Myny	Robust Design of Digital Circuits on Foil	1
199	El-Samie	Image Encryption	1

200	Werner	Electromagnetics of Body Area Networks	1
201	Nakano	Low-Profile Natural and Metamaterial Antennas	1
202	Dubey	Fundamentals of Electrical Drives Ed.2	5
203	Grebennikov	Broadband RF and Microwave Amplifiers	1
204	Ganguly	Microprocessors and Microcontrollers 8085, 8086 and 8051	5
205	Bellamy	Digital Telephony Ed.3	2
206	Theraja	Textbook of Electrical Technology Vol -IV	1
207	Theraja	Objective Electrical, Electronics and Telecommunication Engineering	3
208	Kothari	Electrical Engineering Instrumentation	3
209	Jordan	Electromagnetic Waves & Radiating Systems Ed.2	3
210	Kraus	Electromagnetics with Applications Ed.5	3
211	Edminister	Schaum's Outlines Electromagnetics Ed.2	3
212	Bell	Electronic Devices and Circuits Ed.5	3
213	Ganesh babu	Digital Signal Processing	5
214	Talukder	Mobile Computing Ed.2	5
215	Salivahanan	Electronic Circuits – I	5
216	Salivahanan	Electronic Devices & Circuits Ed.4	5
		<b>Total</b>	<b>907</b>

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<b>S.No.</b>	<b>Author</b>	<b>Title</b>	<b>Qty</b>
1	Gopal	Control Systems Ed.4	5
2	Austin	Shreve's Chemical Process Industries Ed.5	5
3	Coulouris	Distributed Systems Ed.5	5
4	Kani	Control Systems Ed.3 E	2
5	Nagrath	Control Systems Engineering Ed.5	5
6	Khandpur	Handbook of Analytical Instruments Ed.3 EEEEd.Ed.3	5
7	Forouzan	Cryptography Network Security Ed.3	5
8	Gopal	Control System Ed.4	5
9	Raven	Automatic Control Engineering Ed.5	3
10	Kuo	Automatic Control Systems Ed.7	5
11	Ramesh Babu	Discrete Time Systems and Signal Processing	5
12	Doebelin	Dobelin's Measurement Systems Ed.6	5
13	Nakra	Instrumentation, Measurement and Analysis Ed.3	5
14	Cromwell	Biomedical Instrumentation and Measurements Ed.2	5
15	Jang	Neuro-Fuzzy and Soft Computing	5
16	Floyd	Electronic Devices Ed.7	5
17	Kalsi	Electronic Instrumentation Ed.3	5
18	Khandpur	Handbook of Analytical Instruments Ed.3	5
19	Singh	Industrial Instrumentation and Control Ed.3	5
20	Ross	Fuzzy Logic Ed.3	4
21	Willard	Instrumental Methods of Analysis Ed.7	5
22	Arivalahan	Transducer Engineering	5
23	Ghosh	Introduction to Measurements and Instrumentation Ed.4	5
24	Patranabis	Principles Of Industrial Instrumentation Ed.3	5
25	Hayes	Statistical Digital Signal Processing & Modelling	3
26	Distefano	Schaum's Outlines Control Systems Ed.3	3
27	Forouzan	Cryptography Network Security Ed.3	5
28	Stallings	Cryptography and Network Security Ed.6	5
29	Mccabe	Unit Operations of Chemical Engineering Ed.7	3
30	Coulouris	Distributed Systems Ed.5	5
31	Smith	Virtual Machines	3

32	Kothari	Electrical Engineering Instrumentation	4
33	Singh	Industrial Instrumentation And Control Ed.3	5
34	Sivanandam	Introduction To Neural Networks With Matlab 6.0	4
35	Doebelin	Doebelin's Measurement Systems Ed.6	4
36	Kaufman	Network Security Ed.2	5
37	Gopal	Digital Control And State Variable Methods Ed.4	6
38	Rosen	Discrete Mathematics And Its Application Ed.7	5
39	Helfrick	Modern Electronic Instrumentations And Measurement Techniques	5
40	Klir	Fuzzy Sets And Fuzzy Logic	5
41	Austin	Shreves Chemical Process Industries Ed.5	3
42	Neubert	Instrument Transducers	5
43	Pratap	Getting Started With Matlab	5
44	Sivasankar	Instrumental Methods Of Analysis	5
45	Zak	Systems And Control	5
46	Helrich	Analytical Mechanics	1
47	Aglave	Exposure to Boilers Ed.3	5
48	Rangwala	Control System Trends in Turbo-Machinery	4
49	Hsu	Advances in Systems Engineering	1
50	Bhattacharya	Control of Machines Ed.2	5
51	Dukkipati	MATLAB	5
52	Borror	Certified Quality Engineer Handbook Ed.3	5
53	Nakra	Theory and Applications of Automatic Controls Ed.3	5
54	Ikonen	Advanced Process Identification and Control	2
55	Buckley	Introduction to Fuzzy Logic and Fuzzy Sets	4
56	Liptak	Instrument and Automation Engineer's Handbook Ed.5 Vol – I & II	2
57	Webster	Medical Instrumentation Ed.4	5
58	Nise	Control Systems Engineering Ed.6	5
59	Gurocak	Industrial Motion Control	1
60	Sonka	Image Processing Analysis and Machine Vision Ed.3	5
61	Banks	Discrete -Event System Simulation Ed.5	4
62	Freeman	Neural Networks	4
63	Jang	Neuro- Fuzzy and Soft Computing	5
64	Freeman	Neural Networks	5
65	Klir	Fuzzy sets and Fuzzy Logic	5
66	Ghosh	Measurement & Instrumentation	5
67	Jairath	Modern Control Theory	5
68	Martinez	Computational Statistics Handbook with MATLAB Ed. 3	1
69	Freeman	Neural Networks	2
70	Jang	Neuro-Fuzzy and Soft Computing	5
71	Astrom	Advanced PID Control	1
72	Mcmillan	Advanced Temperature Measurement and Control Ed.2	1



73	Battikha	Condensed Handbook of Measurement and Control	1
74	Cornell	Control Systems Engineer	1
75	Berge	Fieldbuses for Process Control	1
76	Spitzer	Flow Measurement Ed.2	1
77	Spitzer	Industrial Flow Measurement Ed.3	1
78	Dieck	Measurement Uncertainty Ed.4	1
79	Astrom	PID Controllers Ed.2	1
80	Dukkipati	Solving Engineering Mechanics Problems with MATLAB	5
81	Dukkipati	MATLAB for Control System Engineers	5
82	Krishnaswamy	Industrial Instrumentation Ed.2	5
83	Nagrath	Control System Engineering Ed.6	5
84	Narayana	Machine Drawing Ed.5	5
85	Anand	Electronic Instruments and Instrumentation Technology	5
86	Bhatia	Medical Informatics	5
87	Kant	Computer-Based Industrial Control Ed.2	5
88	Kant	Microprocessor-Based Agri Instrumentation,	5
89	Krishnaswamy	Power Plant Instrumentation Ed.2	5
90	Banerjee	Electrical and Electronic Measurements Ed.2	5
91	Kumar	Control Systems Ed.2	5
92	Mathivanan	PC-Based Instrumentation	5
93	Murty	Transducers and Instrumentation Ed.2	5
94	Patranabis	Principles of Electronic Instrumentation	5
95	Patranabis	Instrumentation and Control	4
96	Sinha	Medical Image Processing	5
97	Rathore	Digital Measurement Techniques Ed.2	5
98	Tripathy	Electrical Power System	5
99	Hooda	Fuzzy Logic Models and Fuzzy Control	5
100	Sheel	Instrumentation	5
101	Driankov	Introduction to Fuzzy Control	5
102	Panda	Introduction to Process Modeling Identification and Control For Engineers	5
103	Singh	Introduction to Sensors and Instrumentations	5
104	Baldev	Sensor Science and Technology	5
105	Liptak	Instrument Engineers' Handbook (Process Control, Ed.3 & Process Measurement and Analysis, Ed.3) 2 Vol. Set	1
106	Wang	Introduction to Network Security	1
107	Noltingk	Jones' Instrument Technology Vol.1 Ed.4	2
108	Noltingk	Jones' Instrument Technology Vol. 2 Ed.4	2
109	Noltingk	Jones' Instrument Technology Vol. 3 Ed.4	2
110	Noltingk	Jones' Instrument Technology Vol. 4 Ed.4	2
111	Noltingk	Jones' Instrument Technology Vol.5 Ed.4	2
112	Houpis	Digital Controls Systems Ed.2	2
113	Ross	Fuzzy Logic with Engineering Applications Ed.3	2
114	Nagrath	Control Systems Engineering, Ed.6	3
115	Gopal	Digital Control and State Variable Methods Ed.4	3

116	Kuo	Digital Control Systems Ed.2	3
117	Fowler	Electronic Instrument Design	3
118	Neubert	Instrument Transducers	3
119	Tyagi	MATLAB and Simulink for Engineers	3
		<b>Total</b>	<b>470</b>

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**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**

<b>S.No.</b>	<b>Author</b>	<b>Title</b>	<b>Qty</b>
1	Singhal	Advanced Concepts in Operating Systems	5
2	Powell	Web Design Ed.2	5
3	Hayes	Computer Architecture and Organization Ed.3	5
4	Hamacher	Computer Organizations Ed.5	5
5	Hwang	Advanced Computer Architecture Ed.3	5
6	Ramakrishnan	Database Management Systems Ed.3	5
7	Weiss	Data Structures and Algorithms Anaylsis in C++ Ed.3	5
8	Hennessy	Computer Architecture Ed.5	5
9	Deitel	C++ How to Program Ed.9	5
10	Aho	Compilers Ed.2	5
11	Silberschatz	Database System Concepts Ed.6	5
12	Elmasri	Database Systems Ed.6	3
13	Dey	Fundamentals of Computing and Programming in C	10
14	Larman	Applying UML and Patterns Ed.3	5
15	Patterson	Computer Organization and Design Ed.5	5
16	Wolf	Computers as Components Ed.3	5
17	Hearn	Computer Graphics with open GL Ed.4	5
18	Deitel	C++ How to Program Ed.9	5
19	Tanenbaum	Computer Networks Ed.5	5
20	Stallings	Computer Organization and Architecture Ed.9	5
21	Deitel	Internet and World Wide Web Ed.4	5
22	Hopcraft	Introduction to Automata Theory Language and Computation Ed.3	5
23	Kanetkar	Let us C Ed.14	10
24	Balagurusamy	Programming in Ansi C Ed.7	5
25	Balaguruswamy	Programming with Java Ed.5	5
26	Hamacher	Computer Organization	5
27	Pressman	Software Engineering Ed.7	5
28	Joshi	Design and Analysis of Algorithms	5
29	Saha	Basic Computation and Programming with C	5
30	Pimparkhede	Computer Programming with C++	5
31	Flach	Machine Learning	5
32	Gilberg	Data Structures Ed.2	5

33	Balagurusamy	Object Oriented Programming With C++ and Java	5
34	Larman	Applying UML and Patterns Ed.3	5
35	Hopcroft	Introduction to Automata Theory Languages and Computation Ed.3	5
36	Weiss	Data Structures and Algorithm Analysis In C++ Ed.3	5
37	Goldberg	Genetic Algorithms	5
38	Cormen	Introduction to Algorithms Ed.3	5
39	Balagurusamy	Programming in ANSI C Ed.6	5
40	Balagurusamy	Programming and Data Structures	5
41	Dix	Human-Computer Interaction Ed.3	5
42	Muchnick	Advanced Compiler Design and Implementation	3
43	Silberschatz	Operating System Concepts Ed.9	5
44	Deitel	Java How to Program Ed.10	5
45	Mano	Digital Logic and Computer Design	4
46	Silberchatz	Database System Concepts Ed.6	4
47	Balagurusamy	Programming with Java Ed.5	5
48	Pressman	Software Engineering Ed.7	5
49	Horowitz	Computer Algorithms C++ Ed.2	4
50	Hayes	Computer Architecture and Organisation Ed.3	5
51	Kurose	Computer Networking Ed.5	5
52	Gamma	Design Patterns	5
53	Hearn	Computer Graphics Using C Ed.2	5
54	Goel	Computer Fundamentals and Programming in C	5
55	Vaughan	Multimedia Making It Work Ed.9	5
56	Tanenbaum	Modern Operating Systems Ed.3	2
57	Tremblay	Discrete Mathematical Structure with Application to Computer Science	5
58	Lipschutz	Discrete Mathematics Ed.3	5
59	Horowitz	Fundamentals Of Data Structures in C Ed.2	4
60	Kanetkar	Let Us C	5
61	Williams	Mcqs In Computer Science Ed.5	5
62	Pohl	Object Oriented Programming Using C++ Ed.2	5
63	Parekh	Principles Of Multimedia Ed.2	5
64	Pressman	Software Engineering Ed.7	5
65	Pratt	Programming Languages Ed.4	5
66	Selvi	Textbook On C#	5
67	Stroustrup	C++ Programming Language Ed.3	5
68	Stallings	Computer Organization And Architecture Ed.10	5
69	Balagurusamy	Programming In Ansi C Ed.7	5
70	Kamthane	Programming In C Ed.3	4
71	Balagurusamy	Programming In C # Ed.4	5
72	Gottfried	Schaum's Outline Programming With C Ed.3	5
73	Fairley	Software Engineering Concepts	5

74	Hughes	Software Project Management Ed.5	5
75	Lipschutz	Schaum's Out Lines Of Data Structures	5
76	Behforooz	Software Engineering Fundamentals	5
77	Bhasin	Algorithms Design And Analysis	5
78	Dey	Fundamentals Of Computing And Programming In C	5
79	Dey	Programming In C Ed.2	5
80	Parhami	Computer Architecture	5
81	Trivedi	Programming With Ansi C++	3
82	Thareja	Fundamentals Of Computers	5
83	Trivedi	Computer Networks	5
84	Mital	Optimization Methods Ed.4	5
85	Taguchi	Computer-Based Robust Engineering	5
86	Steele	Algorithms for Data Science	1
87	Langer	Guide to Software Development	1
88	Lee	Essentials of Excel, Excel VBA, SAS and Minitab for Statistical and Financial Analyses	1
89	Hazzan	Agile Software Engineering	4
90	Venkatesh	Compiler Design	4
91	Nelson	Guide to Computer Forensics and Investigations Ed.4	5
92	Sivanandam	Principles of Soft Computing Ed.2	5
93	Taylor	Software Architecture	5
94	Peterson	Computer Networks Ed.5	5
95	Patterson	Computer Organization and Design Ed.5	5
96	Hamacher	Computer Organization Ed. 5	5
97	Silberschatz	Database System Concepts Ed.6	5
98	Schach	Software Engineering Ed.7	5
99	Martin	Introduction to Languages and Theory of Computation	5
100	Bahrami	Object Oriented Systems Development using the unified Modeling Language	5
101	Deitel	Internet and World Wide Web Ed.4	5
102	Aho	Compilers Ed.2	5
103	Elmasri	Database Systems Ed.6	5
104	Date	Introduction to Database Systems Ed.8	5
105	Blaha	Object Oriented Modeling and Design with UML Ed.2	5
106	Gupta	Agile Automation and Unified Functional Testing	5
107	Stallings	High-Speed Networks and Internets Ed.2	4
108	Hennessy	Computer Architecture Ed.5	5
109	Baase	Computer Algorithms Ed.3	5
110	Dietel	Java How to Program Ed.10	5
111	Wolf	Computer as Components Ed.3	5
112	Goldberg	Genetic Algorithms	5
113	Pressman	Software Engineering Ed.6	5
114	Singhal	Advanced concepts in operating systems	5
115	Silberschatz	Operating systems concepts Ed.8	5

116	Hennessy	Computer Architecture Ed.5	5
117	Muchnick	Advanced Compiler Design and Implementation	5
118	Aho	Compilers Ed.2	5
119	Quinn	Parallel Programming in C with MPI and OPENMP	3
120	Sivanandam	Principles of Soft Computing Ed.2	5
121	Royce	Software Project Management	5
122	Vacca	Computer Forensics	1
123	Rajlich	Software Engineering	1
124	Pearson	Nonlinear Digital Filtering with Python	1
125	Farcomeni	Robust Methods for Data Reduction	1
126	Bhujade	Parallel Computing Ed.2	5
127	Mathivanan	Microprocessors, PC Hardware and Interfacing	5
128	Pakhira	Digital Image Processing and Pattern Recognition	5
129	Raghuwanshi	Algorithm and Data Structures	5
130	Ganguly	Architecture, Programming and Applications of Advanced Microprocessors Ed.2	5
131	Pal	C Programming	5
132	Hopcroft	Introduction to Automata Theory, Languages and Computation	5
133	Pratihari	Soft Computing	5
134	Thareja	Data Structures Using C Ed.2	3
135	Sahni	Data Structures Algorithms & Applications in C++ Ed.2	3
136	Isrd Group	Data Structures Using C Ed.2	3
137	Cooper	Engineering A Compiler Ed.2	3
138	Petersen	Introduction to Parallel Computing	3
139	Kanetkar	Let Us C Ed.14	3
140	Bahrami	Object Oriented Systems Development	5
		<b>Total</b>	<b>651</b>

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

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1	Agrawal	Design of Web Services for Real Estate Development	5
2	Velte	Cloud Computing	5
3	Han	Data Mining Ed.3	5
4	Sayood	Introduction to Data Compression Ed.4	5
5	Silberchatz	Operating System Concepts Ed.6	5
6	Beck	System Software Ed.3	5
7	Bach	Design of the Unix Operating System	5
8	Erl	Cloud Computing	5
9	Buyya	Mastering Cloud Computing	5
10	Brass	Advanced Data Structures	5
11	Shroff	Enterprise Cloud Computing	5
12	Buyya	Cloud Computing	5
13	Han	Data Mining Ed.3	5
14	Hamacher	Computer Organization Ed.5	5
15	Hwang	Distributed and Cloud Computing	3
16	Peckol	Embedded Systems	5
17	Raj kamal	Embedded Systems Architecture Programming and Design Ed.3	5
18	Roy	Web Technologies	5
19	Pfleeger	Security in Computing Ed.4	5
20	Culler	Parallel Computer Architecture	5
21	Mazidi	8051 Microcontroller and Embedded Systems Ed.2	4
22	Bass	Software Architecture in Practice Ed.2	5
23	Das	Embedded Systems	5
24	Liu	Real Time Systems	5
25	Miller	Cloud Computing	5
26	Whitman	Principles of Information Security Ed.5	5
27	Tan	Introduction to Data Mining	5
28	E R L	Service-Oriented Architecture	5
29	Shibu	Introduction To Embedded Systems Ed.2	5
30	Newcomer	Understanding Soa With Web Services	5
31	Harwani	Unix And Shell Programming	5
32	Mahajan	Distributed Computing Ed.2	5

33	Antonopoulos	Cloud Computing	4
34	Zimmermann	Fuzzy Set Theory and its Applications Ed.4	4
35	Stanoevska	Grid and Cloud Computing	4
36	Ponniah	Data Warehousing Ed.2	5
37	Karl	Protocols and Architectures	5
38	Whitman	Principles of Information Security Ed.5	5
39	Gillies	Software Quality Ed.2	3
40	Singhal	Advanced Concepts in Operating Systems	5
41	Velte	Cloud Computing	5
42	Dhamdhere	Operating Systems Ed.3	5
43	Iyer	Embedded Real Time Systems Programming	4
44	Krishna	Real-Time Systems	4
45	Das	Embedded Systems	4
46	Mazidi	8051 Microcontroller and Embedded Systems Ed.2	4
47	Krishna	Real-Time Systems	5
48	Simon	Embedded Software Primer	5
49	Chattopadhyay	Embedded System Design Ed.2	5
50	Lewis	Fundamentals of Embedded Software	5
51	RajKamal	Embedded System Ed.3	5
52	Mazidi	PIC Microcontroller and Embedded Systems	5
53	Hwang	Distributed and Cloud computing	5
54	Buyya	Mastering Cloud computing	5
55	Stallings	High Speed Networks and Internet Ed.2	5
56	Srinivasan	Cloud Computing	3
57	Buyya	Cloud Computing	3
58	Erl	Service Oriented Architecture Concepts	2
59	Jacobs	Engineering Information Security Ed.2	1
60	Kothari	Embedded Systems	5
61	Thuraisingham	Secure Data Provenance and Inference Control with Semantic Web	1
62	Chao	Cloud Database Development and Management	1
63	Chattopadhyay	Embedded System Design Ed.2	5
64	Gomaa	Real-Time Software Design for Embedded Systems	1
65	Groom	Network and Data Security for Non-Engineers	1
66	Chattamvelli	Data Mining Methods Ed.2	5
67	Kohnke	Complete Guide to Cybersecurity Risks and Controls	1
68	Hobbs	Embedded Software Development for Safety-Critical Systems	1
69	Panda	Modern Approaches of Data Mining	5
70	Lee	Fundamentals of Big Data Network Analysis for Research and Industry	1
71	Herold	Data Privacy for the Smart Grid	1
72	Chao	Cloud Computing Networking	1
73	Berman	Grid computing	2



74	Berson	Data Warehousing, Data Mining, & OLAP	3
		<b>Total</b>	<b>306</b>

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**DEPARTMENT OF PRODUCTION ENGINEERING**

<b>S.No.</b>	<b>Author</b>	<b>Title</b>	<b>Qty</b>
1	Koontz	Essentials of Managements Ed.9	5
2	Esposito	Fluid Power with Applications Ed.7	4
3	ASM	ASM Handbook: Protective organic Coatings Volume.5B	1
4	ASM	ASM Handbook: Powder Metallurgy Volume.7	1
5	Joshi	Jigs and Fixtures Ed.3	1
6	Russell	Artificial Intelligence Ed.3	5
7	Bhandari	Design of Machine Elements Ed.4	5
8	Russell	Artificial Intelligence Ed.3	5
9	Groover	Industrial Robotics Ed.2	5
10	Mathia	Robotics for Electronics Manufacturing	5
11	Elanchezhian	Design of Jigs, Fixtures and Press Tools Ed.2	5
12	Leon	Enterprise Resource Planning Ed.3	5
13	Mahalik	Mechatronics	3
14	Groover	Industrial Robotics Ed.2	5
15	Dieter	Mechanical Metallurgy Ed.3	5
16	Liu	Foundations of MEMS Ed.2	5
17	Levin	Statistics for Management Ed.7	5
18	Bhatt	Engineering Drawing Ed.53	5
19	Khanna	Textbook of Welding Technology Ed.23	3
20	Avner	Introduction to Physical Metallurgy Ed.2	5
21	Grant	Jigs and Fixtures	2
22	Dieter	Mechanical Metallurgy Ed.3	5
23	Bolton	Mechatronics Ed.4	5
24	Hsu	MEMS & Microsystems	5
25	Rangwala	Engineering Materials Ed.43	5
26	Jalaludeen	Machine Design Vol. II	5
27	Bhaskar	Total Quality Management	5
28	Rich	Artificial Intelligence Ed.3	5
29	Vajpayee	Principles of Computer Integrated Manufacturing	5
30	Beer	Vector Mechanics for Engineers Ed.10	5
31	Kalpajian	Manufacturing Engineering and Technology Ed.4	5
32	Bolton	Mechatronics Ed.4	5
33	Bolton	Mechatronics Ed.4	5

34	Mahalik	MEMS	4
35	Zeid	CAD/CAM Ed.2	2
36	Bhandari	Design of Machine Elements Ed.4	3
37	Koontz	Essentials of Management Ed.10	5
38	Liu	Foundation of MEMS	5
39	Hsu	Mems And Microsystems Design And Manufacture Ed.1	4
40	Groover	Automation, Production Systems And Computer-Integrated Manufacturing Ed.4	5
41	Grant	Jigs And Fixtures	2
42	Rao	Manufacturing Technology Vol .I Ed.3	3
43	Rao	Manufacturing Technology Vol. Ii Ed.3	5
44	Beri	Marketing Research Ed.5	5
45	Avner	Introduction To Physical Metallurgy Ed.2	4
46	Besterfield	Total Quality Management Ed.4	5
47	Nagpal	Tool Engineering And Design	5
48	Ahuja	Digital Marketing	5
49	Chandrasekaran	Supply Chain Management	5
50	Comer	Digital Logic And State Machine Design Ed.3	5
51	Shaw	Metal Cutting Principles Ed.2	5
52	Smaili	Mechatronics	5
53	Juneja	Fundamentals Of Metal Forming Processes Ed.2	5
54	Dukkipati	Computer Aided Analysis And Design Of Machine Elements Ed.2	5
55	Annaiah	Design Of Machine Elements - I	5
56	Moustapha	Concurrent Engineering In Product Design And Development	5
57	Regalla	Product Design And Manufacturing	5
58	Kesavan	Process Planning And Cost Estimation Ed.2	5
59	Murthy	Precision Engineering in Manufacturing	5
60	Chawathe	Handbook of Gear Technology	3
61	Sahu	Pumps	5
62	Radhakrishnan	Welding Technology and Design Ed.2	3
63	Adithan	Process Planning and Cost Estimation Ed.2	5
64	Klyatis	Successful Prediction of Product Performance	1
65	Bucher	Metrology Handbook	5
66	Ramakrishnan	Powder Metallurgy for Automative and High Performanance Materials in Engineering Industries	5
67	Khan	Welding Science and Technology	5
68	Adithan	Rapid Product Development	5
69	Ray	Principles of Extractive Metallurgy Ed.2	5
70	Benbow	Certified Quality Technician Handbook	5
71	Rao	Mechanism and Machine Theory Ed.2	5

72	Chryssolouris	Manufacturing Systems Ed.2	2
73	Tschaetsch	Metal Forming Practise	2
74	Allen	Micro Electro Mechanical System Design	4
75	Kaufman	Fire Resistance of Aluminum and Aluminum Alloys	1
76	Davim	Materials Forming and Machining	1
77	Rajesh Mehra	PLCS and SCADA	5
78	Elanchezhian	Manufacturing Technology – I Ed.2	5
79	Rajput	Textbook of Manufacturing Technology Ed.2	5
80	Arora	Production and Operation Management Ed.2	5
81	Elanchezhian	Computer Aided Manufacturing Ed.2	5
82	Kesavan	Manufacturing Technology – II	5
83	Kesavan	Machine Tools	5
84	Taha	Operation Research Ed.9	5
85	Venkataraman	Design of Jigs,Fixtures and Press Tools Ed. 2	5
86	Singh	Fundamentals of Manufacturing Engineering Ed. 2	5
87	Ghorpade	Strength of Machine Elements	5
88	Gill	Geometric Dimensioning and Tolerance	1
89	Yeaple	Fluid power Design Handbook Ed.3	1
90	Hosford	Materials for Engineers	4
91	Hsu	MEMS and Microsystems Design and Manufacture	5
92	Lalena	Inorganic Materials Synthesis and Fabrication	1
93	Cable	Calibration: A Technician’s Guide	1
94	Boyer	SCADA	1
95	Yamamoto	Practical Robotics and Mechatronics	1
96	Vert	Refractory Material Selection for Steelmaking	1
97	Daya	Introduction to Maintenance Engineering	1
98	Badiru	Global Manufacturing Technology Transfer	1
99	Shamsuddin	Physical Chemistry of Metallurgical Processes	1
100	Bandyopadhyay	Additive Manufacturing	1
101	Speight	Handbook of Hydraulic Fracturing	1
102	Youssef	Machining of Stainless Steels and Super Alloys	1
103	Wang	Cellular Manufacturing	1
104	Adithan	Advances in Manufacturing Engineering and Technology	5
105	Browne	Computer-Aided Engineering Design	5
106	Chatterjee	Uses of Metals and Metallic Minerals	5
107	Narayan	Production Drawing Ed.2	5
108	Radhakrishnan	CAD/CAM/CIM Ed.4	5
109	Sturges	Practical Field Robotics	1
110	ASTM	Annual Book of ASTM Standards 2016 Vol.08.01 Section-8	1
111	ASTM	Annual Book of ASTM Standards 2016 Vol.08.02 Section-8	1
112	ASTM	Annual Book of ASTM Standards 2016 Vol.08.03	1

		Section-8	
113	Rag	Introduction to Sustainable Engineering Ed.2	5
114	Grushko	Aluminum-Lithium Alloys	1
115	Pirro	Lubrication Fundamentals Ed.3	1
116	Krishnamoorthy	Computer Aided Design Ed.2	5
117	Haimbaugh	Practical Induction Heat Treating Ed.2	1
118	Messner	Autonomous Technologies	1
119	Bhardwaj	Internal Corrosion of Pipelines	5
120	Chapman	Workshop Technology - Part 1 Ed.5	3
121	Chapman	Workshop Technology - Part 3 Ed.3	3
122	Chapman	Workshop Technology - Part 2 Ed.4	3
123	Nof	Handbook of Industrial Robotics Ed.2	1
124	Jain	Engineering Metrology	3
125	Luzadder	Fundamentals of Engineering Drawing	3
126	Joshi	Jigs and Fixtures Ed.3	3
127	Tripathi	Principles of Management	5
128	Little	Welding and Welding Technology	5
		<b>Total</b>	<b>479</b>

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1	Meyers	Mechanical Behavior of Materials Ed.2	5
2	Cengel	Fundamentals of Thermal Fluid Sciences Ed.4	5
3	Rattan	Theory Of Machines Ed.4	5
4	Rao	Manufacturing Technology Vol.I Ed.4	5
5	Begamudre	Electromechanical Energy Conversion With Dynamics Of Machines Ed.2	5
6	Rangwala	Reciprocating Machinery Dynamics	5
7	Clifford	Introduction to Mechanical Engineering	4
8	Youssef	Machining Technology	4
9	Jain	Mechanical Engineering For Competitions	2
10	Singh	Introduction to Mechanics	5
11	Sutradhar	Principles of Foundry Process Design	5
12	Swaroop	Mechanics of Materials Ed.2	2
13	Ramalingam	Handbook of Mechanical Engineering Terms Ed.2	5
14	Oberg	Machinery's Handbook Ed.30	1
15	Rajput	Textbook of Applied Mechanics Ed.3	5
16	Rajput	Workshop Practice	5
17	Singh	Elements of Mechanical Engineering	5
18	Singh	Multiple Choice Questions in Mechanical Engineering	5
19	Parameswaran	Mechanical Design	5
20	Mahadevan	Design Data Handbook for Mechanical Engineers Ed.4	2
21	Agrawal	Basics of Mechanical Engineering	1
22	Kutz	Mechanical Engineer's Handbook Ed.3 ( 4 Vol. Set)	1
23	Nag	Basic & Applied Thermodynamics Ed.2	5
		<b>Total</b>	<b>92</b>

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**LIST OF BOOKS PURCHASED DURING 2016-17**

**DEPARTMENT OF RUBBER AND PLASTIC TECHNOLOGY**

<b>S.No.</b>	<b>Author</b>	<b>Title</b>	<b>Qty</b>
1	Hayes	Optical Microscopy of Fiber-Reinforced Composites	1
2	Morrison	Organic Chemistry Ed.7	5
3	Cotton	Advanced Inorganic Chemistry Ed.6	4
4	Kakani	Carbon Nanotubes	5
5	Prasad	Composites	5
6	Kakani	Fundamentals of Nanoscience	5
7	ASM	Heat Treating of Nonferrous Alloys Vol 4E	1
8	Decolon	Analysis of Composite Structures	4
9	Bullen	Economics of Composites	1
10	Mark	Polymer Data Handbook Ed.2	1
11	Kothandaraman	Rubber Materials	5
12	Kumar	Essentials in Nanoscience and Nano Technology	1
13	Gent	Engineering with Rubber	1
14	Hull	Introduction to Composite Materials Ed.2	5
15	Date	Analytic Combustion	3
16	Archer	Inorganic and Organometallic Polymers	1
17	ASM	ASM Handbook : Vol.21 - Composites	1
18	Ashter	Introduction to Bioplastics Engineering	1
19	Kutz	Applied Plastics Engineering Handbook Ed.2	1
20	Voit	Bio- and Multifunctional polymer Architectures	1
21	Thakur	Handbook of Sustainable Polymers	1
22	Parameswaranpillai	NanoComposite Materials	1
23	Bandyopadhyay	Nanomaterials Ed.2	5
24	Crompton	Plastics Reinforcement and Industrial Applications	1
25	Lal	Introduction to Engineering Plasticity	5
26	Nambudiripad	Latex for Beginners	5
27	Viswanathan	Nano Materials	5
28	Gilreath	Fundamental Concepts of Inorganic Chemistry	2
29	Harper	Handbook of Plastic Processes	2
30	Kuo	Principles of Combustion Ed.2	1

31	Billmeyer	Textbook of Polymer Science	2
32	Odion	Principles of Polymerization Ed.4	2
33	Sivasankar	Inorganic Chemistry	3
34	Gleason	CVD Polymers	1
		<b>Total</b>	<b>88</b>



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**LIST OF BOOKS PURCHASED DURING 2016-17**

**DEPARTMENT OF APPLIED SCIENCE AND HUMANITIES**

<b>S.No.</b>	<b>Author</b>	<b>Title</b>	<b>Qty</b>
1	Stewart	Calculus Ed.7	5
2	Gerald	Applied Numerical Analysis Ed.7	7
3	Kannan	Engineering Chemistry Ed.9	7
4	Bhatt	Engineering Drawing	6
5	Venugopal	Engineering Graphics Ed.4	5
6	Mani	Text book of Engineering Physics	1
7	Stewart	Calculus Ed.7	5
8	Ramesh Babu	Engineering Graphics	1
9	Govindarajan	Engineering Ethics	5
10	Ramana	Higher Engineering Mathematics	9
11	Grewal	Higher Engineering Mathematics Ed.43	10
12	Strang	Linear Algebra and its Applications Ed.4	3
13	Friedberg	Linear Algebra Ed.4	5
14	Gnadig	200 More Puzzling Physics Problems	5
15	Khan	Principles of Engineering Physics 1	5
16	Khan	Principles of Engineering Physics 2	5
17	Veerarajan	Discrete Mathematics	5
18	Martin	Ethics in Engineering Ed.4	5
19	Barnard	Higher Algebra	1
20	Kiran	Quickest Mathematics	1
21	Kumar	Lucent's Complete Mathematics Part 1	1
22	Jain	Engineering Chemistry Vol.I	5
23	Grewal	Higher Engineering Mathematics Ed.43	5
24	Veerarajan	Engineering Mathematics – I	5
25	Das	Engineering Mathematics Ed.2 Vol.1	5
26	Gerald	Applied Numerical Analysis Ed.7	5
27	Veerarajan	Discrete Mathematics	2
28	Rajendran	Engineering Physics	5
29	Stewart	Calculus	5
30	Spiegel	Schaum's Probability & Statistics Ed.3	4
31	Veerarajan	Transforms And Partial Differential Equations Ed.3	5
32	Burrows	Chemistry Ed.3	1
33	Parthasarthy	Engineering Drawing	5

34	Srivastava	Numerical Methods	5
35	Venugopal	Engineering Drawing And Graphics Ed.5	2
36	Maitra	Practical Engineering And Drawing	5
37	Jain	Introduction To Astronomy And Astrophysics	1
38	Jain	Lebesgue Measure and Integration Ed.2	5
39	O'Regan	Guide to Discrete Mathematics	1
40	Prabhakaran	Engineering Mathematics -I	30
41	Prabhakaran	Engineering Mathematics -II	30
42	Rao	Lives and Times of Great Pioneers in Chemistry	1
43	Sipser	Introduction to the Theory of Computation Ed. 3	5
44	Schmalstieg	Augmented Reality	5
45	Bali	Textbook of Engineering Mathematics – I Ed.4	5
46	Bali	Textbook of Engineering Mathematics – II Ed.6	5
47	Rao	Introduction to Partial Differential Equations Ed.3	5
48	Goyal	Textbook of Engineering Chemistry Ed. 3	5
49	IBE	Fundamentals of Applied Probability and Random Processes	5
50	Whitbeck	Ethics in Engineering Practice and Research Ed.2	4
51	Pathak	Functions of a Complex Variables	1
52	Cooperstein	Advanced Linear Algebra Ed.2	1
53	Tiwari	Advanced Functional Materials	1
54	Agarwal	Resonance of Ramanujan's Mathematics Vol.1	5
55	Kaushik	Environmental Science and Engineering Ed.5	5
56	Venugopal	Engineering Graphics	5
57	Asthana	Computer Graphics for Scientists and Engineers	5
58	Jain	Numerical Methods for Scientific and Engineering Computations Ed.6	5
59	Ram	Computer Fundamentals Ed.5	5
60	Solanki	Solar Photovoltaics Ed.3	5
61	Chopra	Chemistry for Engineers	5
62	Chandra	Engineering Graphics Ed.4	5
63	Mukherji	Engineering Physics Ed.4	5
64	Harary	Graph Theory	5
65	Ahluwalia	Green Chemistry	5
66	Apostol	Mathematical Analysis Ed.2	5
67	Mahan	University Chemistry Ed.3	5
68	Pundir	Numerical Methods in Science and Engineering	2
69	Natarajan	Textbook of Engineering Graphics	3
70	Gowri	Engineering Graphics Ed.6	3
71	Gaur	Engineering Physics	3
72	Raghuraman	Engineering Practices Ed.4	3
73	Gupta	Fundamentals of Mathematical Statistics	3
74	Deo	Graph Theory	3

75	Ramana	Higher Engineering Mathematics	2
76	Ross	Introduction to Probability and Statics for Engineers and Scientists Ed.4	3
		<b>Total</b>	<b>366</b>

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**LIST OF BOOKS PURCHASED DURING 2016-17**

**COMPETITIVE BOOKS**

<b>S.No.</b>	<b>Author</b>	<b>Title</b>	<b>Qty</b>
1	Mc Graw Hill	General Studies Paper I -2016	1
2	Mc Graw Hill	General Studies Paper II - 2016	1
3	G.K.P.	GATE 2017: Production and Industrial Engineering	1
4	G.K.P.	GATE 2017: Electronic Communication Engineering	1
5	G.K.P.	GATE 2017: Computer Science and Information Technology	1
6	G.K.P.	GATE 2017: Mechanical Engineering	1
7	Arihant	14 Years Unsolved Question Papers 2003-2016	1
8	Shahi	1500 Solved Problems in Chemistry	1
9	Sijwali	New Approach to Reasoning	1
10	Sijwali	Arihant Verbal and Analytical Reasoning	1
11	Disha	Crack General Studies CSAT Paper I Ed.4	1
12	Arihant	Cracking the CSAT Paper 2	1
13	Arihant	CRPF Assistant Sub Inspector (Steno) Recruitment Exam 2016	1
14	Negi	DGP Question Bank Chemistry	1
15	DGP	DGP Question Bank General Science	1
16	DGP	DGP Question Bank Indian History	1
17	Thorpe	General Studies for Civil Services Preliminary Exam Paper II 2017	2
18	Khattar	Pearson Guide to Quantitative Aptitude Ed.4	2
19	Sawhney	Course In Electrical and Electronic Measurement and Instrumentation	2
20	GKP	Gate 2017 Electronics and Communication Engineering Ed.17	1
21	Puri	Quantitative Aptitude for Competitive Examinations Ed.3	1
22	GKP	Gate 2017 Solved Paper 2000-2016 Instrumentation Engineering	1
23	Barrons	Barron's TOEFL IBT 2017 Ed.15	2
24	Jigeesha	General Science for Civil Services Examinations Ed.2	1
25	Oxford	Oxford English-English-Tamil Dictionary	1
26	Academics	IBPS Bank PO Reasoning Guide	2
27	Arihant	Encyclopedia of General Science for General Competitions	1
28	Made easy	ESE 2017 Electrical Engineering Main Exam Conventional Solved Papers Paper I	1
29	Made easy	ESE 2017 Electronics and Telecommunication Engineering	1
30	Made easy	ESE 2017 Mechanical Engineering Preliminary exam	1
31	G.K.P	ESE 2017 Prelim Exam General Studies and Engineering Aptitude	1
32	Made easy	ESE 2017 Prelims Paper I General Studies & Engineering	1
33	G.K.P	Gate 2017 Solved Papers 2000-2016 Mechanical Engineering	1

34	Ramesh	General English The Best Book for All Competitive Exam Ed.2	1
35	Vadhwana	General Studies Main Solved Papers UPSC Civil Services Exam 1996-2015	1
36	McGraw Hill	General studies Paper I 2017 for Civil Services Preliminary Exam	1
37	Pandey	General studies Paper I 2017 for Civil Services Preliminary Exam	1
38	Richa	How to Crack Test of Arithmetic	1
39	Mittal	IAS Mains General Studies Chapterwise Solved Papers 2015-1997	1
40	G.K.P	IBPS Specialist Officers IT Officers Scale I 2017	1
41	Laxmikanth	Indian Polity for Civil Services Examination Ed.5	1
42	Jigeesha	General Studies Paper I & II	1
43	Kiran	Bank Clerical Solved Papers 2016	1
44	Kiran	IBPS CWE Specialist Officers I.T Officer VI	1
45	Kiran	CWE Quantitative Aptitude Numerical Ability	1
46	Kiran	RBI Assistant Online Phase I Main Exam	1
47	Singh	General Studies 2017	1
48	Kundan	Magical Book Series Verbal Reasoning	1
49	Manorama	Manoramma Year Book 2017 ( Tamil)	1
50	Tewani	Mathematics for JEE Advanced Ed.2	1
51	Thorpe	Objective English Ed.6	1
52	Singh	Objective General English	1
53	Thorpe	Pearson General Knowledge Manual 2017	1
54	Spectrum	Public Administration	1
55	Rph	R.Gupta's State Bank of India Probationary Officer	1
56	Sakthi	Sakthi TNPSC General Science 4000 Q& A (Tamil)	1
57	Sakthi	Sakthi TNPSC Mental Ability 2300 Q & A (Tamil)	1
58	Goyal	Coordinate Geometry for JEE Main & Advanced	1
59	Spectrum	Spectrum Geography	1
60	Arihant	Test Drive For JEE Advanced 2017 10 Practice Sets	1
61	Arihant	The Complete Success Package Bank Probationary Officers Recruitment Exam 2016	1
62	Sakthi	Sakthi's TNPSC Group IV General English General English	1
63	Unique	Unique Quintessence Of General Studies Paper I 2017 Ed.38	1
64	Garg	Upkar's Objective Mathematics	1
65	Puri	UPSC CSAT Paper II	1
66	Jigeesha	Mock Tests Ed.2	4
67	Sharma	How to Prepare for Logical Reasoning for CAT Ed.3	4
68	Aggarwal	Quantitative Aptitude Fully Solved	6
69	Orient	Mindscapes English for Technologists and Engineers	5
70	Karthikeyan	General Studies for TNPSC Tamil	1
71	Sharma	How To Prepare For Data Interpretation For Cat Ed.4	5
72	Mhe	General Studies Paper Ii 2017	2
73	Sharma	How To Prepare For Verbal Ability And Reading Comprehension For Cat Ed.7	5

74	Mhe	General Studies Paper -I 2017	2
75	Puri	Objective English For Competitive Examinations	2
76	Mithal	Objective Mechanical Engineering Ed.2	2
77	Jigeesha	Jigeesha'a General Studies 2017 Paper I	3
78	Sharma	How To Prepare For Logical Reasoning For Cat Ed.3	1
79	Sharma	How To Prepare For Quantitative Aptitude For Cat Ed.7	1
80	Guha	Quantitative Aptitude For Competitive Ed.6	5
81	Kothari	Quantitative Techniques Ed.3	2
82	Karal	English Grammar Just For You English-Tamil	5
83	Kumar	Communication Skill Ed.2	5
84	Oxford	Oxford Student Atlas For India Ed.3	5
85	Solomon	English For Success In Competitive Exam	5
86	Gupta	Raft Foundations	5
87	Joshi	Our Solar System	5
88	Atlantic	Civil Services Aptitude Test (Paper-1) Vol.1	1
89	Khan	No Fault Found: The Search for the Root Cause	1
90	Ganis	Social Media Analytics	5
91	Sinha	Complete Guide for the CAT	5
92	Wilson	Dictionary of Technical Terms	2
93	TMH	1000 Plus Question- General Science-General Studies	5
94	Priya	Cracking GATE 2017	5
		<b>Total</b>	<b>174</b>