

**ANNA UNIVERSITY**  
**LIBRARY, MIT CAMPUS**

**Department of Aeronautical Engineering**  
**List of Books Purchased During the year 2013-14**

S.No.	Author	Title	Qty.
1.	Cengel	Fluid mechanics (SI units) (special Indian edition) 2/Ed.	5
2.	Cengel	Heat and mass transfer 4/Ed.	2
3.	Anderson	Introduction to flight Ed.2	1
4.	Anderson	Modern compressible flow Ed.3	1
5.	Balachandran	Gas dynamics for engineers	1
6.	Dingle	Aircraft engineering principles	1
7.	Gorla	Turbomachinery	1
8.	Kayton	Avionics navigation systems Ed.2	1
9.	Krishnamoorthy	Finite element analysis Ed.2	1
10.	Nag	Engineering thermodynamics Ed.4	1
11.	Rao	Finite element method in engineering Ed.5	1
12.	Rathakrishnan	Gas dynamics Ed.4	1
13.	Barlow	Low-speed wind tunnel testing Ed.3	1
14.	Desai	Introduction to finite element method	1
15.	Fox	Introduction to fluid mechanics Ed.7	1
16.	Nunney	Light & heavy vehicle technology Ed.4	1
17.	Rathakrishnan	Fundamentals of engineering thermodynamics Ed.2	3
18.	Rathakrishnan	Gas dynamics Ed.4	1
19.	Tanenbaum	Operating systems: design and implementation Ed.3	3
20.	Thomson	Theory of vibration with applications Ed.3	3
21.	Timoshenko	Strength of materials Part 1 ed. 3	3
22.	Timoshenko	Strength of materials Part 2	3
23.	Sawhney	Course in mechanical measurements and instrumentation and control	5
24.	Kaw	Mechanics of composite materials Ed.2	2
25.	Nelson	Flight stability and automatic control Ed.2	3
26.	Valan arasu	Engineering thermodynamics	4
27.	Balachandran	Gas dynamics for engineers	2
28.	Holman	Heat transfer si units	5
29.	Rajput	Textbook of fluid mechanics	5
30.	Donaldson	Analysis of aircraft structures an introduction	3
31.	Anderson	Fundamentals of aerodynamics Ed 5	5
32.	Megson	Introduction to aircraft structural analysis Ed 2	3
33.	Anderson	Introduction to flight Ed 6	5
34.	Nagaraja	Elements of electronic navigation Ed 2	3
35.	Kroes	Aircraft power plants Ed.7	5
36.	Krause	Aircraft safety Ed.2	2
37.	Himalayan	Airframe and powerplant mechanics - power plant handbook ac 65-12a	2
38.	Ganesan	Gas turbines Ed.3	5
39.	Zemansky	Heat and termodynamics Ed.8	5
40.	Reddy	Introduction to finite element method Ed.3	5
41.	Chandrupatl	Introduction to finite elements in engineering Ed.3	4
42.	Anderson	Introduction to flight Ed.6	5

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43.	Anderson	Modern compressible flow Ed.3	5
44.	Gudmundsson	General aviation aircraft design	1
45.	Han	Gas turbine heat transfer and cooling technology	1
46.	Kazmi	Solid mechanics	5
47.	Cook	Concepts & applications of finite elements analysis	2
48.	Venkateshan	Computational methods in engineering	1
49.	Moser	Engineering acoustics	1
50.	Sobhan	Microscale and nanoscale heat transfer	1
51.	Bhaskar	Plates theories and applications	1
52.	Sivaraman	Rocket dynamics & space flight	1
53.	Warren	Strategic management dynamics	1
54.	Singh	Strength of materials Ed.2	1
55.	Hummel	Understanding materials science history properties and application Ed.2	1
56.	Beckwith	Mechanical measurements Ed 6	5
57.	Kottiswaran	Engineering mechanics stat & dynamics	5
58.	Murali,	Engineering mechanics	5
59.	Yahya	Turbines compressors and fans Ed.4	5
60.	Rathakrishnan	Theoretical aerodynamics	1
61.	Sadraey	Aircraft design	1
62.	Greatrix	Powered flight	1
63.	Ruiter	Space craft dynamics and control	1
64.	Curtis	Fundamentals of aircraft structural analysis.	3
65.	Peery	Aircraft structures.	5
66.	Wiesel	Spaceflight dynamics.	5
67.	Ruijgrok	Elements of aircraft pollution	3
68.	Ruijgrok	Elements of aviation acoustics	3
69.	Nag	Engineering Thermodynamics Ed.5	5
70.	Pepper juan	Finite elements methods-basic concepts & applications Ed.2	2
71.	Wittenberg	Flight physics	2
72.	Douglas	Fluid mechanics Ed.5	4
73.	Bansal	Fluid mechanics and hydraulic machines Ed.9	10
74.	Kuethe	Foundations of aerodynamics Ed.5	5
75.	Currie	Fundamentals mechanics of fluids Ed.3	2
76.	Anderson	Understanding flight Ed.3	3
77.	Treager	Aircraft : gas turbine engine technology Ed.3	5
78.	Anderson	Aircraft performance and design	5
79.	Khurmi	Applied mechanics and strength of materials	5
80.	Budinski	Engineering materials properties & select	2
81.	Anderson	Introduction to flight	5
82.	Kermode	Mechanics of flight	5
83.	Prabhu	Projects in fem using Matlab	6
84.	Rao	Mechanical Vibrations Ed.4	3
85.	Nag	Engineering Thermodynamics Ed.5	3
86.	Rao	Mechanical Vibrations Ed.4	2
87.	Cook	Concepts and Applications of Finite Element Analysis Ed.4	2
88.	Holman	Heat Transfer Ed.10	1

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**Department of Automobile Engineering**  
**List of Books Purchased During the year 2013-14**

S.No.	Author	Title	Qty.
89.	Kirpal singh	Automobile engineering vol.I	7
90.	Kirpal singh	Automobile engineering vol.II	20
91.	Abbas	Renewable energy sources	1
92.	Ganesan	Internal combustion engine	1
93.	Gupta	Fundamentals of internal combustion engines Ed.2	1
94.	Heywood	Internal combustion engine fundamentals	1
95.	Kohli	Automotive electrical equipment	1
96.	Bevan	Theory of machines Ed.3	1
97.	Heitner	Automotive mechanics: principles and practices Ed.2	1
98.	Khurmi	Theory of machines	1
99.	Ramakrishna	Automobile engineering	1
100.	Sharma	Theory of mechanisms and machines	1
101.	Bevan	Theory of machines Ed 3	11
102.	Crouse	Automotive mechanics Ed 10	5
103.	Heywood	Internal combustion engine fundamentals	5
104.	Khurmi	Theory of machines	20
105.	Kohli	Automotive electrical equipment	5
106.	Crouse	Automotive mechanics Ed.10	5
107.	Srinivasan	Automotive mechanics Ed.2	5
108.	Ananthanara	Basic refrigeration and air conditioning Ed.3	1
109.	Ganesan	Internal combustion engine Ed.4	4
110.	Karnopp	Vehicle dynamics, stability, and control Ed.2	1
111.	Sarkar	Thermal engineering	5
112.	Nag	Engineering thermodynamics Ed.5	5
113.	Ribbens	Understanding automotive electronics Ed.6	1
114.	Ganesan	Computer simulation of compression-ignition engine processes	1
115.	Ganesan	Internal combustion engines Ed.4	1
116.	Jain	Automobile engineering	3
117.	Crouse	Automotive mechanics Ed.10	2
118.	Radzevich	Theory of gearing: kinematics, geometry ,and synthesis.	1
119.	Liu	Introduction to hybrid vehicle system modeling and control	1
120.	Bonnick	A practical approach to motor vehicle engineering	3
121.	Erjavac	A systems approach to automotive technology	1
122.	Khurmi	A textbook of thermal engineering	4
123.	Lombardo	Aircraft systems	3
124.	Gupta	Automobile engineering	5
125.	Kirpal singh	Automobile engineering vol.II	4
126.	Turton	Principles of turbomachinery Ed.2	1
127.	Morello	The automotive body vol 1:components design	2
128.	Morello	The automotive body vol 2:systems design	3
129.	Reimpell	The automotive chassing engineering principles Ed.2	5
130.	Genta	The automotive chassis vol 1:components design	5
131.	Genta	The automotive chassis vol 2:system design	5
132.	Jazar	Vehicle dynamics:theory and application	5

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133.	Bansal	A text book of theory of machines	5
134.	Ramalingam	Fundamentals of mechanical engineering	5
135.	Ganesan	Internal combustion engines	8
136.	Ramalingam	Internal combustion engines	5
137.	Bansal r.k.	Mechanical engineering	3
138.	Heywood	Internal Combustion Engine Fundamentals	1
139.	Govindan	Automobile Engineering	1
140.	Crouse	Automotive Mechanics Ed.10	3
141.	Ganesan	Internal Combustion Engines Ed.4	3
142.	Bechwith	Mechanical Measurements Ed.6	2
143.	Bevan	Theory of Machines Ed.3	4
144.	Abe	Vehicle Handling Dynamics	1
145.	Ang	Power Switching Converters Ed 2	1
146.	Bennett	Truck Engines: Fuel & Computerized Management Systems	1
147.	Bennett	Diesel Engineering: Electronic Diesel Engine Diagnosis	1
148.	Bonnick	Automotive Science and Mathematics	1
	Bonnick	A Practical Approach to Motor Vehicle Engineering and Maintenance Ed 3	1
149.		Automotive Engineering	1
150.	Cantor	Automotive Technology: Heating and Air Conditioning	1
151.	Carrigan	Automotive Technology: Engine Performance	1
152.	Carrigan	Automotive Mechanics Ed 10	1
153.	Crouse	Design of Automatic machinery	1
154.	Derby	Diesel Engineering: Heating, Ventilation, Air Conditioning and Refrigeration	1
	Dixon	Body Repair Technology for 4-Wheelers	1
155.		Vehicular Electric Power Systems	1
156.	Duffy	Alternative Fuel Technology: Electric, Hybrid and Fuel cell Vehicles	1
157.	Emadi	An introduction to the Finite Element Method Ed 3	1
158.	Erjavec		
159.	Reddy		

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**Department of Computer Technology**  
**List of Books Purchased During the year 2013-14**

S.No.	Author	Title	Qty.
160.	Dale	C++ plus data structures 4/ed.	2
161.	Schildt	C++ the complete reference 4/ed.	3
162.	Hennessy	Computer architecture a quantitative approach	10
163.	Wolf	Computer as components	4
164.	Silberschatz	Database system concept 6/ed.	5
165.	Dale	Object oriented data structures using java	2
166.	Balagurusamy	Programming in c# 3/ed.	20
167.	Pressman	Software engineering 6/ed.	5
168.	Andleigh	Multimedia systems design	1
169.	Balagurusamy	Fundamentals of computing and programming ed 2	1
170.	Deitel	C++: how to program ed.7	1
171.	Horowitz	Computer algorithms/c++ ed.2	1
172.	Horowitz	Fundamentals of data structures in c++ ed.2	1
173.	Kelkar	Software quality and testing	1
174.	Kushwaha	Data structures	1
175.	Palani	Digital signal processing (csc, it)	1
176.	Panneerselvam	Database management systems ed.2	1
177.	Singh	Object oriented software engineering	1
178.	Andleigh	Multimedia systems design	3
179.	Bertsekas	Data networks ed.2	2
180.	Carpinelli	Computer systems organization and architecture	1
181.	Chattopadhyay	System software	1
182.	Comer	Internetworking with tcp/ip, vol.i : principles, protocols, and architecture ed.5	1
183.	Comer	Internetworking with tcp/ip, vol.ii design, implementation, and internals ed.3	1
184.	Comer	Internetworking with tcp/ip, vol.iii client-server programming and applications.	1
185.	Deitel	Java: how to program ed.9	1
186.	Desai	Software testing: a practical approach	2
187.	Ghezzi	Fundamentals of software engineering ed.2	1
188.	Gordon	System simulation ed.2	1
189.	Hennessy	Computer architecture :a quantitative approach. Ed 4	1
190.	Kain	Advanced computer architecture: a systems design approach	1
191.	Kelkar	Software quality and testing	1
192.	Liu	Microcomputer systems	1
193.	Mishra	Theory of computer science	1
194.	Patterson	Computer organization and design Ed.4	1
195.	Prasanalakshmi	Computer operating system	1
196.	Rajaraman	Digital logic and computer organization	1
197.	Rao	Computer system architecture	1
198.	Silberschatz	Operating system concepts, windows XP Ed 6	1

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199.	Sivanandam	Principles of soft computing Ed.2	1
200.	Sudha	Distributed component architecture	1
201.	Tsui	Essentials of software engineering	1
202.	Vaidyanathan	Data structures, algorithms and applications in c++	1
203.	Wakerly	Digital design: principles and practices Ed.4	1
204.	Desikan	Software testing principles and practice	5
205.	Silberchatz	Database system concept Ed.6	5
206.	Hughes	Software project management Ed.5	10
207.	Sebesta	Concepts of programming languages Ed.8	3
208.	Easwarakumar	Object oriented data structures using c++	7
209.	Elmasri	Database systems: models, languages, design and application programming Ed.6	6
210.	Forouzan	Computer networks: a top-down approach	2
211.	Kanetkar	Exploring c ed 2	8
212.	Leon	Database management systems	3
213.	Selvi	A text book on c# a systematic approach to object-oriented	5
214.	Horstmann	Big java compatible with java 5 and 6 ed3	2
215.	Schildt	Java 2 the complete reference 5th ed	5
216.	Rumbaugh	Object oriented modeling and design with uml ed2	5
217.	Vasiliev	Soa and wsbpel	4
218.	Limaye	Software testing	4
219.	Aho	The design and analysis of computer algorithms	5
220.	Radhakrishnan	Business process reengineering text and cases	5
221.	Muchnick	Advanced compiler design implementation	5
222.	Hearn	Computer graphics c version ed 2	5
223.	Elmasri	Fundamentals of database systems ed 5	5
224.	Hopcroft	Introduction to automata theory, languages, and computation ed 3	5
225.	Beck	Linux kernal programming	3
226.	Pfleeger	Software engineering theory and practice ed 4	3
227.	Beck	System software an introduction to system programming ed 3	5
228.	Ray	Advanced microprocessors and peripherals ed 3	5
229.	Hamacher	Computer organization ed 5	5
230.	Hwang	Advanced computer architectureed.2	4
231.	Goodrich	Algorithm design : foundations, analysis	1
232.	Larman	Applying uml and patterns ed.3	4
233.	Macdonald	Asp.net : the complete reference	5
234.	Schildt	C++: the complete reference	4
235.	Clarke	Comptia network+ certifications study guide ed.5	1
236.	Hayes	Computer architecture and organizations ed.3	6
237.	Hwang	Computer architecture and parallel processing	5
238.	Hearn	Computer graphics : c version ed.2	5
239.	Hamacher	Computer organization ed.5	4
240.	Cox	Microsoft word 2013 step by step	2
241.	Balagurusamy	Object oriented programming with c++	5
242.	Balagurusamy	Object oriented programming using c++ and java	5
243.	Bahrami	Object oriented systems development using the unified modelling language	5
244.	Silberschat	Operating system concepts ed.6	5
245.	Wilkinson	Parallel programming	5
246.	Aho	Principles of compiler design	5

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247.	Ravichandran	Programming with c++ ed.3	5
248.	Balagurusamy	Programming with java : a primer ed.4	5
249.	Mohapatra	Software testing	5
250.	Groff	Sql :the complete reference ed.3	1
251.	Whitten	System analysis and design methods ed.7	1
252.	Beck	System software ed.3	5
253.	Kanetkar,	Test your c ++ skills	5
254.	Selvi	Textbook on c# pb	5
255.	Balagurusamy	Computer programming	5
256.	Mano	Computer system architecture ed.3	5
257.	Weiss	Data structures and algorithms analysis in c ed.2	5
258.	Kanetkar	Data structures through c ed.2	5
259.	Bach	Design of the unix operating systems	5
260.	Shneiderman	Designing the user interface ed.5	5
261.	Mano	Digital logic & computer design	5
262.	Borole	8085 microprocessor	1
263.	Khedker	Data flow analysis:theory and practice	1
264.	Ari	Mathematical logic for computer ed.2	1
265.	Perkins	Ad hoc networking	3
266.	Mano	Digital logic and computer design	5
267.	Varghese	Engineering graphics	4
268.	Valesky	Enterprise java beans	5
269.	Jeyapoovan	Engineering graphics ed 6	5
270.	Blagurusamy	Object oriented programming with c++ ed 6	8
271.	Kanetkar	Unix shell programming	5
272.	Kanetkar	Visual c++ programming	5
273.	Godbole	Web technologies ed.3	1
274.	Thamarai selvi	Test your skills in c ed.2	5
275.	Thamarai selvi	Textbook on c#	5
276.	Thamarai selvi	C for all	5
277.	Natarajan	Textbook of engineering graphics	1
278.	Kamthane	Computer programming ed.2	1
279.	Forouzan	Computer science:a structured programming approach using c	1
280.	Raja subramanian	Programming in c++	2
281.	Prince	Computer vision: models, learning &inference	1
282.	Maindonald	Data analysis and graphics using r	1
283.	Oravec	Face recognition	1
284.	Sheusi	Android application development for java programmers	2
285.	Schildt	C# 4.0	2
286.	Stallings	Computer networking with internet protocols	2
287.	Venkateswarlu	Computer science and information technology for gate	1
288.	Forouzan	Computer science	3
289.	Mano	Computer system architecture ed.3	5
290.	Weiss	Data structures and algorithm analysis in c ed.2	3
291.	Gilberg	Data structures : a pseudocode approach with c	5
292.	Bach	Design of the unix operating system ed.3	5
293.	Kanetkar	Let us c++ ed.2	5
294.	Docherty	Object oriented analysis and design	2
295.	Easwarakumar	Object oriented data structures using c++	3
296.	Silberschatz	Operating systems concepts :windows xp update ed.6	5

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297.	Singaravelu	Probability & queueing theory iv cse	1
298.	Kamthane	Programming in c++ ed.2	5
299.	Balaguruswamy	Programming in ansi c with v lab ed.6	10
300.	Balagurusamy	Programming with java ed.4	5
301.	Budgen	Software design ed.2	5
302.	Royce	Software project management	5
303.	Galin	Software quality assurance	3
304.	Dhamdhere	Systems programming	5
305.	Eckel	Thinking in java ed.4	1
306.	Kani	8085 microprocessor and its applications	5
307.	Kani	8086 microprocessors and its applications	5
308.	Kelly	A book on c	2
309.	Hamacher	Computer organization, 5/ed	5
310.	Hall	Effective perl programming 2/e	1
311.	Horowitz	Fundamentals of data structures in c 2e	3
312.	Wallace wang	Microsoft office 2013 for dummies	2
313.	Balagurusamy	Object oriented programming using c++ and java	5
314.	Balagurusamy	Object oriented programming with c++ 6/ed	5
315.	Somashekara	Object-oriented programming with c++, 2/ed	1
316.	Cadsoft	Oracle 11g with pl/sql approach	2
317.	Quinn	Parallel computing theory and practice	5
318.	Wilkinson	Parallel programming	5
319.	Reek	Pointers on c	1
320.	Moorthy	Probability and queing theory 6th edn	5
321.	Balagurusamy	Reliability engineering	2
322.	Pressman	Software engineering 6th edition	10
323.	Hughes	Software projects management (sie)	5
324.	Meloni	Sty php, mysql & apache all in one	1
325.	Rathbone	Windows 7 for dummies	2
326.	Andy rathbone	Windows 8 and office 2013 for dummies portab	1
327.	Stallings	Computer Organization and Architecture	1
328.	Tanenbaum	Distributed Operating Systems	1
329.	Aho	Compilers:Principles, Tools and Techniques	2
330.	Peterson	Computer Networks Ed.5	2
331.	Bruegge	Object-Oriented Software Engineering using UML, Patterns and Java	5
332.	Burkhardt	Pervasive Computing	4
333.	Buyya	Mastering Cloud Computing	5
334.	Mao	Modern Cryptography: Theory and Practice	5
335.	Pftleger	Security in Computing Ed.4	5
336.	Roth	Fundamentals of Logic Design Ed.6	5

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**Department of Electronics Engineering**  
**List of Books Purchased During the year 2013-14**

S.No.	Author	Title	Qty.
337.	Deo	Electronic components and application	1
338.	Gordon	System simulation ed.2	1
339.	Mottershead	Electronic devices and circuits	1
340.	Muth	Modeling telecom network and system	1
341.	Palani	Digital signal processing (ece)	1
342.	Palani	Signals and systems	1
343.	Pandey	Electronic engineering	1
344.	Pattnaik	Fundamentals of mobile computing	1
345.	Ramesh babu	Electric circuits and electron devices	1
346.	Sadiku	Principles of electromagnetics ed 4	1
347.	Salivahanan	Digital circuits and design ed.4	1
348.	Sarangapani	Wireless ad hoc and sensor networks	1
349.	Tomasi	Advanced electronic communications systems ed.6	1
350.	Tomasi	Electronic communications ed.5	1
351.	Anand kumar	Digital signal processing	2
352.	Anand kumar	Signals and systems	1
353.	Bandyopadhyay	Communication engineering	2
354.	Bandyopadhyay	Electrical machines: theory and practice	3
355.	Chattopadhyay	Analog and digital electronics.	1
356.	Cotton	Electrical technology ed.7	1
357.	Feher	Wireless digital communications	2
358.	Gopal	Problems and solutions in power electronics	1
359.	Gopal	Problems and solutions in signals and systems	1
360.	Gupta	Data communications and computer networks	3
361.	Hase	Handbook of power system engineering	1
362.	Haykin	Signals and systems ed.2	1
363.	Jairath	Problems and solutions of network and systems	1
364.	Jordan	Electromagnetic waves and radiating systems ed.2	3
365.	Karna	Communication systems: theory, problems & solutions, mcqs	1
366.	Liao	Microwave devices and circuits ed.3	1
367.	Mehta	Problems and solutions of electric circuit analysis	1
368.	Mottershead	Electronic devices and circuits: an introduction,	1
369.	Nagrath	Electronic devices and circuits	2
370.	Nagrath	Electronics: analog and digital	2
371.	Pucknell	Basic vlsi design ed.3	2
372.	Rashid	Power electronic circuit, devices	1
373.	Sharma	Basic electrical engineering and electronics ed.4	1
374.	Simon	Digital communication techniques: signal design and detection	3
375.	Singh	Data communications and computer networks ed.3	1
376.	Singh	Digital vlsi design	1

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377.	Uffenbeck	8086/8088 family : design, programming, and interfacing	3
378.	Umanand	Power electronics	1
379.	Weste	Cmos vlsi design: a circuits and systems perspective ed.3	1
380.	Wolf	Modern vlsi design ip-based design ed.4	2
381.	Hayt	Engineering electro magnetics ed.2	5
382.	Jain	Fundamentals of digital image processing	5
383.	Jayaraman	Digital image processing	2
384.	Khandpur	Handbook of biomedical instrumentation ed.2	4
385.	Palani	Digital signal processing (for eee & ei)	3
386.	Sawhney	Course in electrical machine design	7
387.	Sklar	Digital communications fundamentals and applications ed.2	10
388.	Ifeachor	Digital signal processing ed.2	5
389.	Kraus	Electromagnetics with applications ed 5	5
390.	Pressman	Software engineering: a practitioners approach ed.6	5
391.	Ramesh babu	Digital signal processing ed.4	4
392.	Annadurai	Fundamentals of digital image processing	3
393.	Balanis	Antenna theory: analysis and design ed.3	6
394.	Gayakwad	Op-amps and linear integrated circuits ed.4	3
395.	Haykin	Signals and systems ed.2	5
396.	Jain	Modern digital electronics ed 4	2
397.	Kothari	Electric machines ed.4	5
398.	Kraus	Antennas and wave propagation ed.4	4
399.	Ramesh babu	Signals and systems ed.4	3
400.	Roddy	Satellite communications ed.4	5
401.	Salivahanan	Digital circuits and design ed.4	5
402.	Salivahanan	Digital signal processing ed.2	5
403.	Mednieks	Programming android	1
404.	Burton	Android application development for dummies	1
405.	Ayala	The 8051 microcontroller and embedded systems using assembly and c	5
406.	Haykin	Communication systems ed 4	5
407.	Floyd'	Digital fundamentals ed 10	5
408.	Ha	Digital satellite communications ed 2	3
409.	Rao	Elements of engineering electromagnetics ed 6	5
410.	Skolnik	Introduction to radar system ed 3	4
411.	Liao	Microwave devices and circuits ed 2	5
412.	Annapurna das	Microwave engineering ed 2	5
413.	Schiller	Mobile communications ed 2	5
414.	Ryder	Networks lines and fields ed 2	5
415.	Senior	Optical fiber communications ed 3	5
416.	Keiser	Optical fiber communications ed 5	5
417.	Neamen	Semiconductor physics and devices ed 4	5
418.	Nagoorkani	Signals and systems	5
419.	Rappaport	Wireless communications principles and practice	5
420.	Kani	8086 microprocessors and its applications ed.2	3
421.	Hodges	Analysis and design of digital integrated circuits ed. 4	1
422.	Kraus john	Antennas and wave propagation ed.4	4
423.	Raju	Antennas and wave propagations	5
424.	Mittle	Basic electrical engineering ed.2	4

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425.	Agrawal	Fiber-optic communication system ed.	5
426.	Collin	Foundations for microwave engineering ed.2	3
427.	Brey	Intel microprocessors 8086/8088, 80186/80188, 80286, 80386,core2 80486 ed.8	10
428.	Comer	Internetworking with tcp/ip vol 2 ed.3	5
429.	Comer	Internetworking with tcp/ip vol 3 ed.3	5
430.	Skolnik	Introduction to radar system ed.2	6
431.	Salivahanan	Linear integrated circuits	5
432.	Sedra	Microelectronic circuits : theory and applications ed.6	5
433.	Liao s	Microwave devices and circuit	3
434.	Schiller	Mobile communications ed.2	5
435.	Kothari	Modern power system analysis ed.4	5
436.	Keiser	Optical fiber communications ed.1	1
437.	Senior	Optical fiber communications : principles and practice	5
438.	Rashid	Power electronics circuits devices and applications ed.4	4
439.	Nag	Power plant engineering ed.3	5
440.	Taub	Principles of communication systems ed.4	5
441.	Karl	Protocols and architecture for wireless sensor network	3
442.	Haykin	Signals and systems ed.2	2
443.	Kani	Signals and systems	4
444.	Sommerville	Software engineering ed.9	5
445.	Pressman	Software engineering ed.6	5
446.	Behforooz	Software engineering fundamentals	5
447.	Forouzan	Data communications and networking ed.4	5
448.	Razavi	Design of analog cmos integrated circuits	5
449.	Haykin	Digital communication	5
450.	Mano	Digital design	5
451.	Jayaraman,	Digital image processing	7
452.	Gonzalez	Digital image processing ed.3	5
453.	Pratt	Digital image processing ed.4	2
454.	Mitra	Digital signal processing ed.4	5
455.	Nagoorkani	Digital signal processing ed.2	5
456.	Mitra	Digital signal processing ed.3	1
457.	Salivahanan	Digital signal processing ed.2	5
458.	Pandey	Electronics engineering ed.2	1
459.	Bakshi	Control systems iv ece	2
460.	Gonzalez	Digital image processing ed 3	2
461.	Dananjayan	Electromagnetic theory for be iii sem eee branch electromagnetic fields for be iv sem ece branch	5
462.	Bakshi	Linear integrated circuits and applications iv sem eee	5
463.	Kasap	Principles of electronic materials and devices ed 3	5
464.	Babu	Digital signal processing ed.5	5
465.	Proakis	Digital signal processing ed.4	10
466.	Bellamy	Digital telephony ed.3	4
467.	Kothari	Electric machines ed.4	5
468.	Bhattachary	Electrical machines ed.3	5
469.	Hayt	Engineering circuit analysis ed.8	2
470.	Hayt	Engineering electromagnetics ed.7	3
471.	Bagad	Vlsi design sem vi ece	3
472.	Bhel	Transformers ed.2	1
473.	Sahu	Vlsi design	5
474.	Parhi	Vlsi digital signal processing systems and implementation	1
475.	Molisch	Wireless communications ed.2	3

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476.	Rappaport	Wireless communications : principles and practice ed.2	5
477.	Govindan	Multihop mobile wireless networks	1
478.	Chen	Principles of communication: a first course in communication	1
479.	Chapman	Signal processing in electronic communication	1
480.	Biglieri	Principles of cognitive radio.	1
481.	Fujimoto	Modern small antennas.	1
482.	Gibson	Mobile communications handbook ed.3	1
483.	Cheng	Elements of optoelectronics & fiber optics.	1
484.	Gray	Analysis and design of analog integrated circuits ed.5	3
485.	Blake	Antennas	3
486.	Amsaveni	Antennas and wave propagation	2
487.	Salivahanan	Circuit theory	5
488.	Franco	Design with operational amplifier	5
489.	Perelroyzen	Digital integrated circuits	2
490.	Mano	Digital logic & computer design	5
491.	Tomasi	Electronic communications system ed.5	5
492.	Brown	Fundamentals of digital logic verilog design ed.2	5
493.	Stallings	High speed networks and internet ed.2	5
494.	Skolnik	Introduction to radar systems ed.3	5
495.	Uyemuraj	Introduction to vlsi circuits and system	4
496.	Perez	Microcontrollers	5
497.	Liao	Microwave devices & circuits ed.3	5
498.	Das	Microwave engineering ed.2	5
499.	Millman	Millmans integrated electronics ed.2	5
500.	Keiser	Optical fiber communication ed.5	5
501.	Arora	Power plant engineering	2
502.	Neamen	Semiconductor physics & devices ed.4	5
503.	Ramesh babu	Signals and systems ed.4	5
504.	Stallings	Snmp, snmpv2, snmpv3 & rmon 1& ed.3	1
505.	Freeman	Telecommunication system engineering 4ed	1
506.	Sinha	Transmission lines & networks ed.8	5
507.	Bullock	Transceiver and system design for digital communication	2
508.	Singhal	Wap - wireless application protocol	5
509.	Stallings	Wireless communications & networks ed.2	3
510.	Rappaport	Wireless communications : principles & practice ed.2	5
511.	Mcclaning	Wireless receiver design for digital communication ed.2	5
512.	Rajput	Alternating current machines	2
513.	Thyagarajan	Basics electrical and electronics engg.2e	4
514.	Todd lammle	Ccent:cisco certified entry networking techn	1
515.	Todd lammle	Ccna data center:introduction cisco data	1
516.	Todd lammle	Ccna routing and switching study guide:exam1	1
517.	Ganesh babu	Communication theory-4e	3
518.	Haykin	Digital communication systems	5
519.	Haykin	Digital communications	5
520.	Vahid	Digital design	5
521.	Rabaey	Digital integrated circuits 2nd edition	5
522.	Badrinarayanan	Electric circuit theory	5
523.	Jordan	Electromagnetic waves & radiating systems 2e	5
524.	Poorna chandra	Electronic circuit i	2
525.	Salivahanan	Electronic devices and circuits	5

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526.	Agarwal	Fiber-optics communication systems 3e	5
527.	Gilbert strang	Linear algebra and its application	5
528.	Liao	Microwave devices & circuits	5
529.	Behera.gk	Mobile communication	1
530.	Oppenheim	Signals and systems 2ed	4
531.	Neaman	Semiconductor Physics and Devices Ed.4	5
532.	Oppenhein	Signals and Systems	5
533.	Senior	Optical Fiber Communication: Principles and Practices Ed.3	5
534.	Sonka	Image Processing, Analysis and Machine vision Ed.3	5
535.	Schiller	Mobile Communications Ed.2	1
536.	Sklar	Digital Communications Ed.2	1
537.	Sklar	Digital Communications Ed.2	1
538.	Gopal	Control Systems Ed.4	3

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**General Books**

S.No.	Author	Title	Qty.
539.	A P J Abdulkalam	The scientific Indian	2
540.	Abdul kalam	Turning points	2
541.	Khan	Indian financial system ed.7	1
542.	Laxmikanth	Indian polity for civil services examinations ed.3	1
543.	Arora	Political science for civil services	1
544.	Deo	Quantitative aptitude	5
545.	Vohra	Quantitative techniques in management ed.4	5
546.	Chawla	Research methodology : concepts and cases	1
547.	Thorpe	Course in mental ability and quantitative aptitude	1
548.	Sharma	Corporate governance, business ethics and csr	1
549.	Anubhavananda	Ethics in management ed.2	1
550.	Singh	Just in time : concept and practices	1
551.	Moshal	Principles of management	1
552.	Bhattachary	E-gov 2.0: policies	2
553.	Jolhe	Engineering drawing	2
554.	Koontz	Essentials of management ed.9	5
555.	G.K publications	Gate 2014:instrumentation engineering	1
556.	Slariya	Mechanical engineering for gate ed.3	1
557.	G.K publications	Gate 2014:computer science and information technology	1
558.	G.K publications	Gate 2014:electronics and communication engineering	1
559.	Daafous	Hybrid systems with constraints	1
560.	Darpan	SSC combined graduate level examination	1
561.	Lal	RRB technician signal & telecommunication maintainer	1
562.	Lal	SSC combined graduate level examination	1
563.	Sharma	Recruitment office assistants in regional rural banks	1
564.	Kiran	Bank clerical solved papers	1
565.	Sharma	RRB assistant loco pilot and technicians examination	1
566.	Gupta	Bank IT. Officer	1
567.	Kiran	IBPS bank clerk CEW-II online exam	1
568.	Gupta	UPSC civil services exam & Indian forest service exam paper I	1
569.	Gupta	UPSC civil services exam & Indian forest service exam paper II	1
570.	Chopra	Unique quintessence of general studies paper i	1
571.	Chopra	Unique quintessence of general studies paper ii	1
572.	Atlantic	General studies for all competitive examinations vol.i	1
573.	Atlantic	General studies for all competitive examinations vol.ii	1
574.	Aggarwal	A modern approach to verbal & non verbal reasoning	2
575.	Mhe	Chemistry JEE advanced 2014	1
576.	Subramanya	Engineering hydrology ed.4	5
577.	Martin	Ethics in engineering ed.3	3
578.	Thorpe	General intelligence and test of reasoning	1
579.	Mhe	General studies paper 1 2014	1
580.	Mhe	General studies paper 2 2014	1
581.	Mathrubhumi	Mathrubhumi Year book plus 2014	2
582.	Slariya vikas	Mechanical engineering Gate ed.3	2
583.	Deepti	Objective chemistry Vol -I for JEE main	1
584.	Deepti	Objective chemistry Vol-II for JEE main	1
585.	Mohit	Objective mathematics Vol - I for JEE main	1
586.	Mohit	Objective mathematics Vol-ii for JEE main	1
587.	Das	Objective non verbal reasoning	1

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588.	Rahul	Objective physics Vol -I	1
589.	Rahul	Objective physics Vol- II	1
590.	Das	Objective verbal reasoning	1
591.	Gomez	Ontological engineering	2
592.	Aggarwal	Quantitative aptitude	5
593.	Trishna	Quantitative aptitude for competitive examinations	1
594.	Spectrum	Spectrum hand book for general studies paper i 2014	1
595.	Naumes	The art & craft of case writing ed.3	2
596.	Yubburaj	Bank clerks' exam practice work book	1
597.	Green	Barron's GRE, 20/Ed	1
598.	Jaffe	Barrons guide to new GMAT,17Ed	1
599.	Sharpe	Barron's Toefl IBTguide, 14/ed	1
600.	Mhe	Chemistry JEE main 2014	1
601.	Collins	Collins skills for the Toefl IBT test	1
602.	Ramasamy	Combined Defence services examination	1
603.	MHE	Comprehensive chemistry for JEE advanced 2014	1
604.	Martz	Cracking the GMAT with 4 practice tests	1
605.	Pierce	Cracking the GRE with 6 practice tests	1
606.	Gupta	CSIR UGC engineering sciences	2
607.	IBP	CWE bank PO/management trainee	1
608.	Sathyapriya	Gate-2014	1
609.	Sasikumar	General studies for civil services Preliminary	1
610.	Sakthi	Group II Tamil	1
611.	Edgar thorpe	GS-Paper I with access codes	1
612.	Kannaiah	Illustrated dictionary of mechanical Engg.	3
613.	Gupta	JEE-main physics guide	1
614.	Agarwal	MCA entrances of all Indian universities	1
615.	Datason	NDA-NA exam guide (national defense academy	1
616.	Gupta	Objective chemistry Vol I medical entrance e	1
617.	Pandey	Objective physics Vol-2 for NEET	1
618.	Pandey	Objective physics Vol-I for NCERT	1
619.	Ullman	PHP visual quick start guide, 3-ed	2
620.	Mhe	Physics JEE main 2014	2
621.	Goyal	Practice book of mathematics JEE main & advanced	1
622.	Baron	Psychology	1
623.	Jaggi	New light's MCA	1
624.	Mohan rao	Quantitative aptitude	1
625.	Reddy	Reasoning and numerical ability Forsing	1
626.	Vaibhav purandare	Sachin Tendulkar a definitive biography	1
627.	A P J Abdulkalam	Squaring the circle	2
628.	Sakthi	TANCET Electronics and communication	1
629.	Subburaj	TANCET MCA	2
630.	Sakthi	TANCET MCA Enteance exam. Superior guide	1
631.	Sakthi	TANCET ME Basic engineering and Science	1
632.	Sakthi	TANCET ME Mechanical, Automobile , Aeronautical Engineering	1
633.	Abdul kalam	Target 3 Billion	2
634.	Gupta	UPSC Engineering Services exam electrical en	2
635.	Rajan	You are unique	2

**ANNA UNIVERSITY  
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**Department of Instrumentation Engineering  
List of Books Purchased During the year 2013-14**

S.No.	Author	Title	Qty.
636.	Sawhney	Course in electrical machine design	8
637.	Nakra	Instrumentation measurement and analysis 3/ed.	1
638.	Coulouris	Distributed systems ed.2	1
639.	Freedaraja	Information security	1
640.	Kuo	Automatic control systems ed.7	1
641.	Murty	Transducers and instrumentation ed 2	1
642.	Palani	Automatic control systems	1
643.	Patranabis	Instrumentation and control	1
644.	Patranabis	Principles of electronic instrumentation	1
645.	Wise	Bioinstrumentation and biosensors	1
646.	Ghosh	Introduction to measurements and instrumentation	1
647.	Hassoun	Fundamentals of artificial neural networks	2
648.	Jairath	Problems and solutions of control system ed.5	1
649.	Kosko	Neural networks and fuzzy systems	2
650.	Pachghare	Cryptography and information security	2
651.	Prasad	Problems and solutions in control systems	1
652.	Rajasekaran	Neural networks, fuzzy logic and genetic algorithms	3
653.	Rao	Embedded systems	1
654.	Shinghal	Introduction to fuzzy logic	2
655.	Yegnanarayana	Artificial neural networks,	1
656.	Russell	Artificial intelligence :a modern approach ed.2	10
657.	Stallings	Network security essentials applications and standards ed.4	10
658.	Tanenbaum	Distributed operating systems	5
659.	Theodoridis	Pattern recognition ed.4	2
660.	Lee	Computer security in the 21 <sup>st</sup> century	2
661.	Mazidi	Pic microcontroller and embedded systems: using assembly and c for pic18	5
662.	Kalsi	Electronic instrumentation ed.3	2
663.	Ross	Fuzzy logic with engineering applications ed 3	3
664.	Schneier	Applied cryptography protocols, algorithms, and source code in c ed 2	3
665.	Cromwell	Biomedical instrumentation and measurements	5
666.	Fausett	Fundamentals of neural networks	5
667.	Khandpur	Handbook analytical instrument ed.2	5
668.	Khandpur	Handbook of biomedical instrumentation ed.2	5
669.	Krishnaswam	Industrial instrumentation ed.2	5
670.	Carr	Introduction to biomedical equipment ed.4	5
671.	Bishop	Introduction to computer security	5
672.	Trappe	Introduction to cryptography with coding and theory ed.2	5
673.	Webster	Medical instrumentation ed.3	5
674.	Patranabis	Principles of industrial instrumentation ed.3	5
675.	Marlin	Process control: designing processes ed.2	1
676.	Palani	Control system engineering ed.2	5
677.	Stallings	Cryptography and network security ed.6	4

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678.	Gonzalez	Digital image processing using matlab ed.2	5
679.	Palani	Automatic control systems including matlab	1
680.	Schlichting	Boundary layer theory ed.8	1
681.	Jaireth	Control systems ed.2	1
682.	Sawhney	A course in electrical and electronic measurements and instrumentation	3
683.	Kuo	Automatic control systems ed 7	5
684.	Arumugam	Biomedical instrumentation	5
685.	Stephanopoulos	Chemical process control	5
686.	Carlson	Communication systems ed 5	3
687.	Palani	Control system engineering	2
688.	Gonzalez	Digital image processing using matlab ed 2	1
689.	Ogata	Discrete-time control systems ed 2	3
690.	Krishnaswamy	Industrial instrumentation ed 2	5
691.	Eckman	Industrial instrumentation	3
692.	Skoog	Instrumental analysis	2
693.	Rangan	Instrumentation devices & systems ed 2	2
694.	Carr	Introduction to biomedical equipment technology ed4	5
695.	Clark	Labview digital signal processing and digital communications	2
696.	Gilat	Matlab an introduction with applications ed 4	3
697.	Webster	Medical instrumentation application and design ed 3	5
698.	Rajasekaran	Neural networks fuzzy logic and genetic algorithms	3
699.	Tamilmani	Power plant instrumentation	1
700.	Patranabis	Principles of electronic instrumentation	4
701.	Tanenbaum	Distributed operating system	5
702.	Tanenbaum	Distributed operating systems	5
703.	Doebelin	Doebelin's measurement system ed.6	5
704.	Kalsi	Electronic instrumentation ed.3	4
705.	Harriott	Process control	4
706.	Singh	Process control: concepts, dynamics & applications	3
707.	Petruzzella	Programmable logic controllers ed 3	5
708.	Gupta	Virtual instrumentation using lab view ed 2	5
709.	Kesavan	Process planning and cost estimation ed.2	5
710.	Dadios	Fuzzy logic	1
711.	Kalechman	Practical matlab basics for engineers ed.3	3
712.	Patranabis	Principles of industrial instrumentation	5
713.	Stephanopoulos	Chemical process control	5
714.	Palani	Control system engineering 2/ed.	5
715.	Nagoor kani	Digital signal processing, 2/ed	5
716.	Singh	Industrial instrumentation and control 3/ed	5
717.	Doebelin	Measurement systems, 6/ed	9
718.	Ghosh	Network theory analysis and sysnthesis	5
719.	Patranabis	Principles of industrial instrumentation	5
720.	Kraus	Antenna and Wave Propagation Ed.4	5
721.	Rabaey	Digital Integrated Circuits Ed.2	1
722.	Doebelin	Measurement Systems Ed.6	2
723.	Doebelin	Measurement Systems Ed.6	4
724.	Gopal	Control Systems: Principles and Design Ed.4	3
725.	Anand Kumar	Control Systems	2
726.	Cromwell	Biomedical Instrumentation and Measurements Ed.2	3
727.	Eckman	Industrial Instrumentation	1
728.	Ghosh	Introduction to measurements and instrumentation Ed.4	2
729.	Gray	Instrumental methods of Analysis	1

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730.	Haven	Laboratory Instrumentation Ed.4	1
731.	Johnson	Process Control Instrumentation Technology Ed.8	1
732.	Kissell	Industrial Electronics	1
733.	Kumar	Electronic Devices and Circuits	1
734.	Kuo	Automatic Control Systems Ed.7	2
735.	Mano	Digital Design Ed.4	1
736.	Mano	Digital Logic & Computer Design	1
737.	Murty	Transducers and Instrumentation Ed.2	2
738.	Nise	Control Systems Engineering Ed.5	1
739.	Noltingk	Jones' Instrument Technology Automatic Instruments And Measuring System Vol. 5 Ed.4	1
740.	Noltingk	Jones' Instrument Technology: Electrical & Radiation Measurements, Vol. 3 Ed.4	1
741.	Noltingk	Jones' Instrument Technology: Instrumentations Systems Vol. 4 Ed.4	1
742.	Noltingk	Jones' Instrument Technology: Measurement of Temperature and Chemical Composition (Vol. 2) Ed.4	1
743.	Noltingk	Jones' Instrument Technology: Mechanical Measurements (Vol.1) Ed.4	1
744.	Ogata	Modern Control Engineering	3
745.	Sarkar	Advanced Control Systems	2
746.	Willard	Instrumental Methods of Analysis Ed.7	1

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**Department of Information Technology**  
**List of Books Purchased During the year 2013-14**

S.No.	Author	Title	Qty.
747.	Forouzan	Data communication and networking 2/ed.	10
748.	Valvano	Embedded micro computer systems a real time interfacing 3/ed,	2
749.	Joseph	Grid computing	3
750.	Lewis	Fundamentals of embedded software	1
751.	Newcomer	Understanding soa with web services	2
752.	Rutkowski	Computational intelligence: methods and techniques	2
753.	Sosinsky	Cloud computing bible	5
754.	Stallings	Cryptography and network security principles and practices Ed 5	5
755.	Berman	Grid computing: making the global infrastructure a reality	3
756.	Miller	Cloud computing	5
757.	Ponniah	Data warehousing fundamentals for it professionals ed 2	5
758.	Buyya	Mastering cloud computing	5
759.	Bhurchandi	Advanced microprocessors and peripherals ed.3	5
760.	Velte,	Cloud computing- a practical applications	5
761.	Maozhen	Grid : core technologies	3
762.	Tan	Introduction to data mining	10
763.	Schildt	Java :the complete reference ed.8	3
764.	Tata	Jee main 2013 : physics crash course	2
765.	Kanetkar	Let us c ed.13	5
766.	Humphrey	Managing the software process	5
767.	Gaonkar	Microprocessor architecture programming & applications with the 8085 ed.6	5
768.	Nagoorkani	Microprocessors & microcontrollers	5
769.	Steinmetz	Multimedia : computing,	5
770.	Burkhardt	Pervasive computing	5
771.	Parekh	Principles of multimedia ed.2	5
772.	Forouzan	Tcp/ip protocol suite ed.4	5
773.	Murthy	Ad hoc wireless networks architectures and protocols	5
774.	Rao	Embedded systems	3
775.	Kamal	Embedded systems architecture, programming & design	10
776.	Mazidi	The 8051 microcontroller and embedded systems using assembly and c ed 2	5
777.	Jackson	Web technologies	5
778.	Buyya	Mastering cloud computing	5
779.	Thuraisingham	Developing and securing the cloud	1
780.	Sen	Cryptography and security in computing	1
781.	Schneier	Applied cryptography ed.2	4
782.	Ramesh	Component based technology	5
783.	Forouzan	Data communication & network ed.5	5
784.	Han	Data mining ed.3	5
785.	Silberschatz	Database system concepts ed.6	5
786.	Kouser	Dataware housing and data mining	2
787.	Joseph	Grid computing	2

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788.	Shibu	Introduction to embedded systems	5
789.	Hair	Mutivariate data analysis ed.7	3
790.	Rajaram	Parallel computers	1
791.	Breitman	Semantic web:concepts, technologies and applications	1
792.	Eri	Service oriented architecture	3
793.	Raj kumar	Cloud computing:principles and paradigms	4
794.	Kirk hausman	Cloud essentials comptia authorised coursewa	3
795.	Mano	Computer system architecture 3/ed	5
796.	Keiser	Local area networks 2/e	5
797.	Subramanian	Network management	2
798.	Date	Introduction to Database Systems Ed.8	1
799.	Erl	Service-Oriented Architecture	1
800.	Li	Fundamentals of Multimedia	2
801.	Rich	Artificial Intelligence Ed.3	1
802.	Siberschatz	Operating Systems Concepts Ed.6	2

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**Department of Production Technology**  
**List of Books Purchased During the year 2013-14**

S.No.	Author	Title	Qty.
803.	Alavudeen	Computer integrated manufacturing	1
804.	Benedict	Nontraditional manufacturing processes	1
805.	Boothroyd	Assembly automation and product design ed.2	1
806.	Elanchezian	Computer integrated manufacturing	1
807.	Esposito	Fluid power with applications ed.6	1
808.	Hmt	Production technology	1
809.	Kalpakjin	Manufacturing processes ed.5	1
810.	Kesavan	Production planning and control	1
811.	Majumdar	Oil hydraulic system	1
812.	Mazumdar	Composites manufacturing	1
813.	Narasimhan	Production planning and inventory control ed.2	1
814.	Singh	Fundamentals of manufacturing engineering	1
815.	Ahuja	Materials management	1
816.	Dharmendra kumar	Foundry technology	1
817.	Groover	Automation, production systems and computer-integrated manufacturing ed.3	2
818.	Gupta	Principles of management	1
819.	Janakiraman	Total quality management	3
820.	Kaushish	Manufacturing processes	1
821.	Kotler	Principles of marketing ed.13	3
822.	Luqman	Production processes	1
823.	Mishra	Maintenance engineering and management	1
824.	Panneerselvam	Production and operations management ed.3	3
825.	Singh	Mechatronics	3
826.	Stoner	Management	1
827.	Winston	Artificial intelligence ed.3	5
828.	Balagurusamy	Reliability engineering	2
829.	Groover	Automation, production systems and computer-integrated manufacturing ed.3	5
830.	Srinivasan	Engineering materials and metallurgy ed.2	5
831.	Srinivasan	Hydraulic and pneumatic controls ed.2	5
832.	Groover	Industrial robotics ed 2	3
833.	Jayakumar	Applied hydraulics and pneumatics	3
834.	Groover	Cad/cam computer aided design and manufacturing	5
835.	Alavalal	Cad/cam concepts and applications	3
836.	Bhandari	Design of machine elements ed 3	5
837.	Elanchezian	Engineering metrology and measurement	2
838.	Esposito	Fluid power with applications ed7	5
839.	Joshi	Jigs and fixtures ed 3	4
840.	Kalpakjian	Manufacturing processes for engineering materials ed 4	5
841.	Bolton	Mechatronics ed 4	5
842.	Hmt	Mechatronics	3
843.	Buffa	Modern production operations management ed 8	2

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844.	Robbins	Organizational behaviour ed 14	2
845.	Majumdar	Pneumatic systems principles and maintenance	5
846.	Jain	Principles of foundry technology ed 5	4
847.	Suganthi	Total quality management	5
848.	Winston	Artificial intelligence ed.3	5
849.	Esposito	Fluid power with applications ed.6	5
850.	Aswathappa	Human resource management ed.6	1
851.	Groover	Industrial robotics ed.2	6
852.	Dieter	Mechanical metallurgy ed.3	5
853.	Hmt	Mechatronics ed.1	5
854.	Majumdar	Oil hydraulic systems	4
855.	Luthans	Organizational behaviour ed.12	5
856.	Mcshane	Organizational behaviour ed.5	5
857.	Ulrich	Product design & development ed.5	5
858.	Bhandari	Design of machine elements ed.3	4
859.	Ahmed	Emerging nanotechnologies for manufacturing	1
860.	Balaji	Essential of thermal system design and optimization	1
861.	Narasimhan	Essentials of heat and fluid flow in porous media	1
862.	Singh	Fundamentals of manufacturing engineering ed.2	1
863.	Karpagam	Green management:theory and applications	1
864.	Deb	Maintenance management and engineering	1
865.	Pelz	Mechatronic systems :modelling and simulation with hdls	1
866.	Hsu	Mems & microsystems design and manufacturing	5
867.	Jyakumar	Total quality management	4
868.	Donaldson	Tool design ed.4	1
869.	Besterfield	Total quality management	3
870.	Majumdar	Oil hydraulic systems:principles and maintenance	2
871.	Kesavan	Engineering graphics:using auto cad	5
872.	Kesavan	Engineering economics and cost analysis	5
873.	Kesavan	Engineering materials and metallurgy	5
874.	Kesavan	Production planning and control	5
875.	Kesavan	Engineering economics and financial accounting	5
876.	Kesavan	Principles of management	5
877.	Kesavan	Engineering management	5
878.	Kesavan	Computer aided manufacturing	5
879.	Campbell	Metals fabrication: understanding the basics	1
880.	Tucker	Asm handbook.vol.5a thermal spray technology	1
881.	Rich	Artificial intelligence ed.3	5
882.	Anderson	Computational fluid dynamics	5
883.	Alexis leon	Erp demystified ed.2	5
884.	Arnold	Introduction to materials management.ed.6	1
885.	Adams	Introductory mems	2
886.	Norton	Machine design and numerical control ed.2	2
887.	Mehta	Machine tool desinged.3	5
888.	Bolton	Mechatronics ed.4	5
889.	De silva	Mechatronics	5
890.	Otto	Product design	5
891.	Gopalakrishnan	Purchasing & materials management	4
892.	Wilson	Strategic marketing management ed.3	2
893.	Khurmi	A textbook of machine design	5
894.	Groover	Automation, production systems & computer ed3	5
895.	Jayakumar	Engineering mechanics	3
896.	Cengel	Fluid mechanics (si units), 2/ed	5

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897.	Yahya	Fundamentals of compressible flow	3
898.	Groover	Industrial robotics 2e	10
899.	Avner	Introduction to physical metallurgy	4
900.	Kannaiah	Machine design 2e	2
901.	Gowri	Manufacturing technology-1 anna university	5
902.	Kotler	Marketing management a south asian perspecti	3
903.	Ramalingam	Steam tables	5
904.	Besterfield	Total Quality Management Ed.3	4
905.	Kalpakjian	Manufacturing Engineering and Technology Ed.4	2
906.	Cengel	Heat and Mass Transfer Ed.4	3
907.	Rattan	Strength of Materials Ed.2	2
908.	Rudramoorthy	Thermal Engineering	3
909.	Kalpakjian	Manufacturing Engineering and Technology Ed.4	3
910.	Rattan	Strength of Materials Ed.2	2
911.	Cengel	Fluid Mechanics: Fundamentals and Applications Ed.2	2
912.	Rudramoorthy	Thermal Engineering	2

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**Department of Rubber and Plastics Technology**  
**List of Books Purchased During the year 2013-14**

S.No.	Author	Title	Qty.	
913.	Rosato	Plastic design hanbook	1	
914.	Morrison	Organic chemistry ed.7	3	
915.	Nayak	Fundamentals of plastic moulding design	3	
916.	Badger	Introduction to chemical engineering	4	
917.	Halley	Chemorheology of polymers: from fundamentalsPrinciples to reactive processing	1	U
918.	Zeng	Polymer adhesion ,friction, and lubrication	1	
919.	Saldivar	Handbook of polymer synthesis, characterization, and processing	1	
920.	Gupta	Reverse engineering of rubber products	1	U
921.	Roland	Viscoelastic behavior of rubbery materials	1	U
922.	Sperling	Introduction to physical polymer science	1	
923.	Cheng	Phase trasitions in polymers	1	
924.	Lius	Introduction to graphene – based nano materials.	1	U
925.	Luqman	Plastics technology.	1	
926.	Kothandaraman	Rubber Materials	5	
927.	Funt	Mixing of Rubber	2	
928.	Cengel	Fluid Mechanics Ed.2	3	
929.	Cengel	Heat and Mass Transfer Ed.4	2	
930.	Gowarikar	Polymer science	2	

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**Department of Science and Humanities**  
**List of Books Purchased During the year 2013-14**

S.No.	Author	Title	Qty.
931.	Veerarajan	Engineering mathematics ed.3	5
932.	Jain	Chapterwise engineering physics	1
933.	Palanisamy	Engineering physics I (au common)	20
934.	Deo	Graph theory	3
935.	Popov	Engineering mechanics of solids ed.2	1
936.	Bolton	Mechanical science	1
937.	Mott	Discrete mathematics for computer scientists and mathematicians ed.2	1
938.	Natrajan	Operations research	1
939.	Rajagopal	Engineering physics ed.2	2
940.	Sen	Operations research: algorithms and applications	1
941.	Itl education	Computer programming ed.2	5
942.	Jain	Engineering chemistry vol.i	24
943.	Pannerselvam	Operations research ed.2	5
944.	Grewal	Higher engineering mathematics ed.42	25
945.	Levine	Physical chemistry ed.6	2
946.	Norton	Introduction to computers ed.7	5
947.	Balagurusamy	Fundamentals of computers	6
948.	Balagurusamy	Numerical methods	5
949.	Balagurusamy	Programming in ansi c ed.6	15
950.	Trivedi	Probability and statistics with reliability, queuing and computer science applications ed.2	5
951.	Veerarajan	Engineering mathematics-i	10
952.	Khanna	A text book of material science and metallurgy	10
953.	Balagurusamy	Computing fundamentals and computer programming	3
954.	Jeyapoovan	Engineering drawing and graphics using autocad 2000 ed 3	3
955.	Rohtagi	An introduction to probability and statistics ed.3	2
956.	Martin	Ethics in engineering ed.2	5
957.	Horowitz	Fundamentals of data structure in c++ ed.2	5
958.	Ramana	Higher engineering mathematics	5
959.	Chapra	Numerical methods for engineers ed.6	5
960.	Chapra	Numerical methods for engineers ed. 5	1
961.	Ravindran	Operations research ed.2	2
962.	Veerarajan,	Probability, statistics and random process ed.3	5
963.	Das	Textbook of probability and queing theory	5
964.	Tmh	Course in physics	1
965.	Bondy	Graph theory	1
966.	Singh	Operations research	1
967.	Solin	Partial differential equations and the finite element method	1
968.	Kolman,	Discrete mathematical structure ed.6	5
969.	Tremblay	Discrete mathematical structure with applications to computer science ed.	5
970.	Veerarajan	Discrete mathematics	5
971.	Grewal	Higher engineering mathematics ed.42	1

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972.	Gangadharan	Engineering mathematics vol.i ed.2	1
973.	Masters	Introduction to environmental engineering and science ed.3	1
974.	Angermann	Numerical simulations	1
975.	Singaravelu	Discrete mathematics	5
976.	Jain	Engineering chemistry ed.15	4
977.	Veerarajan	Engineering mathematics - i	5
978.	Veerarajan	Engineering mathematics -ii	5
979.	Arumugam	Engineering physics - i	5
980.	Palanisamy	Engineering physics-ii	5
981.	Balaguruswamy	Fundamentals of computing and programming ed.2	5
982.	Halliday	Principles of physics extended ed.9	1
983.	Singaravelu	Probability and random process	1
984.	Veerarajan	Probability statistics & random process ed.3	5
985.	Rudin	Real complex analysis	5
986.	Krishna	Real time systems	5
987.	Khurmi	A textbook of engineering mechanics	5
988.	Balasubramaniam	Callister's materials science and engineerin	2
989.	Damodaran	Design data book of engineers(re-edited)	5
990.	Grimaldi	Discrete & combinational maths	3
991.	Veerarajan	Discrete mathematics with graph theory and c	5
992.	Bahl	Essentials of physical chemistry	3
993.	Agarwal	Objective approach mathematics vol-1	1
994.	Balasubramani	Operations research	5
995.	Pannerselvam	Operations research 2nd edition	5
996.	Finar	Organic chemistry volume 2	5
997.	Veerarajan	Transforms and partial differential equation	3
998.	Deo	Graph Theory	1