

**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 thermodynamics 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.	Kueth	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.	Abbasi	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
	Bennett	Truck Engines: Fuel & Computerized Management Systems	1
146.	Bennett	Diesel Engineering: Electronic Diesel Engine Diagnosis	1
147.	Bonnick	Automotive Science and Mathematics	1
148.	Bonnick	A Practical Approach to Motor Vehicle Engineering and Maintenance Ed 3	1
149.	Cantor	Automotive Engineering	1
151.	Carrigan	Automotive Technology: Heating and Air Conditioning	1
152.	Carrigan	Automotive Technology: Engine Performance	1
153.	Crouse	Automotive Mechanics Ed 10	1
154.	Derby	Design of Automatic machinery	1
	Dixon	Diesel Engineering: Heating, Ventilation, Air Conditioning and Refrigeration	1
155.	Duffy	Body Repair Technology for 4-Wheelers	1
157.	Emadi	Vehicular Electric Power Systems	1
	Erjavec	Alternative Fuel Technology: Electric, Hybrid and Fuel cell Vehicles	1
158.	Reddy	An introduction to the Finite Element Method Ed 3	1

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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.	Silberchatz	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