Library Books

Sl.No.	Author	Title
1	Streetman (B.G)	Solid State Electronic Devices
2.	Green (M) & Limebeer (D.J.N)	Linear Robust Control
3	Dahleh (M.A) & Diaz - Bobillo (I.J)	Control of Uncertain Systems
4	Coombs (C.F)	Elements of Instrument
5	Zhozi (K) etc.,	Robust and Optimal Control
6	Raven (F.H)	Automatic Control Engg.,
7	Astrom (K.J) etc.,	Adaptive Control Filtering and Signal Processing
8	Bryson (A.E) & Ho (Y.C)	Applied Optimal Control Optimization, Estimation and Control
9	Morari (M) & Zafiriou (E)	Robust Process Control
10	Dorato (P) & Ed. Yedavalli (R.R)	Recent Advances in Robust Control
11	Qu (Z) & Dawson (D.M)	Robust Tracking Control of Robot Manipulators
12	Patel (R.V) etc.,	Numerical Linear Algebra Techniques for Systems and Control
13	Driankov (D) etc.,	An Introduction to Fuzzy Control
14	Rathore (T.S)	Digital Measurement Techniques
15	Slotine (JJE) & Li (W)	Applied Non - Linear Control
16	Ogata (K)	Solving Control Engg., Problem with matlab
17	Saberi (A) Sannuti (PP) Chen (B.M)	H2 optional control
18	Noltingk (B.E)	Instrume Nation Instrumentation
19	pallas - Areny (R) & Webster (JG)	Sensors and Signal Conditioning
20	Stoorvogel (A)	Then control problem a state space approach
21	Ogata (K)	Discreted - Time control systems
22	Wolfram (S)	The mathematics
23	Ioannou (P.A) Sun (J)	Robust Adaptive Control (With Disk)
24	Parkin (R.E)	Applied Robtic Analysis
25	Bell (D.A)	Electronic Instrumentation and Measurements
26	Morris (A.S)	Principles of Measurement and Instrumentation
27	Chen (C.T)	Linear System Theory and Design
28	Webb (J.W)	Programmable Controllers Principles and Applications
29	Best (R.E)	Phase locked loops Ed2 with disk
30	Saridis (G.N)	Stochartic Processer, Estimation & Control
31	Francis (BA) Khargonekar (PP)	Robust Control Theory
32	Brignell (J) & White (N)	Intelligent Sensor Systems
33	Tsai (TH) etc.,	Modern Control Techniques for the Processing Industries
34	Dooresn (PV) & Wyman (EB)	Linear Algebra for Control Theory
35	Carey (GF) etc.,	Circuit, Device & Process Simulation
36	Liang (Z)	Flow Modeling & Turbulence Measurements
37	Heijden (VD)	Image Based Measurement Systems
38	Hall (DV)	Microprocessors & Interfacing
39	Hill (DR) & Zitarelli (DE)	Linear Algebra labs with MATLAB
40	Floyd (TL)	Prles of Electric circuits
41	Rao (V) & Rao (H)	C++ Neural Networks & Fuzzy Logic with disk
42	Komornik (V)	Exact Controllability & Stabilization
43	Williams (JII)	Fundamentals of Applied Dynamics
44	Sfahl (CR)	Robots & Manufacturing Automation
45	Cho (ZH) etc.,	Foundations of Medical Imaging

Sl.No.	Author	Title
46	Khandpur (RS)	HB of Biomedical instrumentation
47	Pratt (WK)	Digital Image Processing
48	Sherman (RE) & Rhodes (LJ)	Analytical Instrumentation
49	Goettsehe (LD)	Maintenance of Instruments & Systems
50	Nisenfeld (AE)	Reach Control
51	Gopel (W) Hesse (J) & Zemel (JN)	Sensor Vol I
52	Gopel (W) Hesse (J) & Zemel (JN)	Sensor Vol VI
53	Kularatna (N)	Modern Electronic Test and Measuring Instrumentation
54		Proceedings of the 42nd International Instrumentation Symposium
55	Zhu (Y) & Backx (T)	Identification of Multivariable Industrial Processes
56	Govindarajulu (B)	IBMPC and Coloner Hardware trouble shooting and Maintenance
57		Intel Embedded Micro controllers & Processors (Vol I)
58		Intel Embedded Micro controllers & Processors (Vol II)
59	Lipatak (BG)	Process Measurement and Analysis
60	Lipatak (BG)	Process Control
61	Parr (EA)	Industrial Control Hand Book
62	Friedmann (PG) Stoletenberg (TP)	Continuous Process Control
63	Hougen (Joel O)	Methods for Solving Process Plant Problems
64	Carr - Brion (KG) & Clarke (JRP)	Sampling Systems for Process Analysers
65	Grimble (MJ)	Robust Industrial control
66	Fang Lin (C)+B66	Advanced control systems & Design
66	Friedman (A)	Mathematics in Industrial Problems Part 1
67	Friedman (A)	Mathematics in Industrial Problems Part 3
68	Friedman (A)	Mathematics in Industrial Problems Part 4
69	Friedman (A)	Mathematics in Industrial Problems Part 2
70	Friedman (A)	Mathematics in Industrial Problems Part 6
71	Friedman (A)	Mathematics in Industrial Problems Part 5
72	Ross (T.J)	Fuzzy Logic with Engg., Application
73	Webb (J.W) & Reis (R.A)	Programmable Logic Controllers
74	Considine (D.M)	Process / Industrial Instruments & Control
75	Belanger (PR)	Control Engg., A modern approach
76	Wolovich (WA)	Automatic Control Systems
77	Kosko (B)	Fuzzy Engg., with disk
78	Harriott (P)	Process control
79	Pollard (A)	Process control
80	Coughanowr (DR)	Process systems analysis & Control
81	Shinskey (FG)	Process Control Systems
82	Stephanopoulos	Chemical Process Control
83	Patranabis (D)	Principles of Process Control
84	Rashid (MH)	Power Electronics Ed2
85	Mohan (N) etc.,	Power Electronics Ed2
86	Arumugam (M)	Bio medical Instrumentation
87	Gupta (MM) & Pro (DH)	Neuro - Control systems :Theory and applications
88	Hall (DV)	Microprocessors and Digital systems

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89	Brey (BB)	Inter Microprocessors 8086 / 8088, 80186, 80286, 80386 and 80486 Arch. Programming and Interfacing Ed3
90	Parsons (D)	Object - Oriented Programming with C++
91	Palani (S)	Control Systems
92	Sawhney (AK)	Course in Electrical & Electronics Measurement and Instrumentation
93	Doebelin (E)	Measurement systems applications & Design
94	Gottfried (BS)	Theory & Problem of Programming with C
95	Haykin (S)	Neural Networks
96	Kamen (EW) Heck (BS)	Fundamentals of Signal Systems
97	Skogestad (S) & Postlethwaite (L)	Multivariable Feedback Control
98	Freeman (RA) & Kokotovic (PV)	Robust Nonlinear Control Design
99	Shearer (J.L) etc.,	Dynamic modelling & control of Engg., Systems
100	Jacobson (B) Webster (J.G)	Medicine and Chemical Engg.,
101		Biomedical sciences Instrumentation
102	Millman (J) Taub (H)	Pulse Digital & switching wave forms
103	Taub (H) Schilling (D)	Digital Integrated electronics
104	Gothamann (W.H)	Digital Electronics
105	Lee (S.C)	Digital Circuits and Logic Design
106	Marris Mano (M)	Digital Logic Computer Design
107	Gallivian (K.A)	Paralled Algorithms for Matrix Computations
108	Breiman (L)	Probability
109	Parkeb (E)	Stochastic Processes
110	Basar (Tamev) Olsder (GJ)	Dynamic Non cooperative game theory Ed2
111	Helton (J.W)	Classical control using H methods
112	Helton (J.W)	Extending H control to nonlinear systems
113	Tai - Ping - Liu	Hyperbolic and viscous conservation laws
114	Lvyben (WL)	Process Modeling simulations and control in chemical engg.,
115	Marino (R) Tomei (P)	Nonlinear control design
116	Bhattacharjee Mallik (AK)	Modeling of complete systems
117	Kaufman (H)	Direct adaptive control algorithms
118	Schaft (AVD)	L2 - Gain and Passing techniques in nonlinear control
119	Anderson (J.A)	Introduction to neural networks
120	Tasuku Senbon, Futoshi Hanabuch	Instrumentation systems - Fundamentals & applications
121	Papoolis (A)	Probability Random variables and stochastic processes
122	Bequtte (BW)	Process dynamics, modelling analysis and simulation
123	Hang C.C etc.,	Adaptive Control
124	Sze (SM)	Semiconduction sensors
125	Wolffenbuttel (RF)	Silicon sensors and Circuits
126	Gopal (W) Hesse (J) & Zemel (JN)	Sensors : A comprehensive survey
127	Strock (OJJ) & Rueger (EMG)	Telemetry system Architecture
128	Khoo (MCK)	Physiological Control systems
129	Baumann (Hans D)	Control valve primer
130	Thompson (LM)	Industrial Data communication
131	Nells (O)	Nonlinear system identification

Sl.No.	Author	Title
132	Boyer (SA)	SCADA : Supervisory control and Data Acquisition
133	Arbib (Michael A)	HB of Brain theory & Neural Networks
134	Eric Udd	Fiber Optic Smart Structures
135	Hojjat Adeli, Amagad Saleh	Control, Optimization and Smart Structures
136	A.V. Srivinivasan, D. Michael	Smart Structures Analysis and Design
137	Gregory K. McMillan	P_H Measurement and Control
138	Boisde (G) & Harmer	Chemical & Biochemical Sensing with optica
139	Dakin (J) & Culshaw (B)	Optical Fiber Sensors (Applns. & Analysis)
140	Krohn (DA)	Fiber optics sensors(Fundamentals & applns)
141	Dukelow (SG)	Control of Boilers ED. 2
142	Sastry (S) & Bodson (M)	Adaptive Control
143	Neubert (HKP)	Instrument Transducers
144	Kailath (T) & Sayed (AH) etc.	Linear Estimation
145	Harold L.wade	Regulatory and advanced Regulatory control system Development
146	EHJ Pallett	Aircraft Instruments & Integrated Systems
147	Julian W. gardner ,vijay k. varadan, Osama O. Awadelkarim	Micro Sensors MEMS and Smart Devices
148	Zbigniew michalewicz	How to solve it : Modern Heuristics
149	M.Elwenspoek, R.Wigerink	Mechanical Micro sensors
150	E.W. Kamen	Industrial Control Manufacturing
151	Jer-Nan Junag, Minh Q.Phan	Identification and control of Mechanical systems
152	Christopher D.Rahn	Mechatronic control of distributed Noise and vibration
153	John P.Bentley	Principles of Measurement systems (3rd Edition)
154	Richard R.Brooks, S.S.Iyengar	Multi sensor fusion Fundamentals and application with software
155	Tatsuo Togawa, Tashiyo Tamura, P.Ake oberg	Bio medical Transducers and Instruments
156	A.M. Cruise, J.A. Boules, T.J. Patrick, C.V.Goodall	Principles of space Instrument Design
157		Applied and Computional Control, signals and Circuits
158	Tai -Ran - Hsu	MEMS & Micro Systems Design and Manufacture
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160	Craig Hollabaugh	Embedded Linux
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162	Pallab Bhattacharya	Semi Conductor Opto electronic Devices (Second Edition)
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164	David E.Simon	An Embedded Software Primer
165	Joseph J.Carr, John M.Brown	Introduction to Biomedical Equipment Technology
166	Jon B.Olansen	Virtual Bio- Instrumentation
167	Sankar K.Pal, Sushmita Mitra	Neuro -Fuzzy Pattern Recognition
168	Rangaraj M.Rangayyan	Bio medical Signal Analysis
169	Bela G. Liptak	Process Software and Digital Networks
170	W.G.Andrew, H.B. williamn	Applied Instrumentation in the Process Industries-Vol. I

Sl.No.	Author	Title
171	W.G.Andrew, H.B. williamn	Applied Instrumentation in the Process Industries-Vol. II
172	W.G.Andrew, H.B. williamn	Applied Instrumentation in the Process Industries-Vol. III
173	W.G.Andrew, H.B. williamn	Applied Instrumentation in the Process Industries-Vol. IV
174	Mark Ratner, Daniel Ratner	Nano Technology
175	Belinda Barnes, Glenn Shafer	Mathematical modeling with case studies
176	Vladimir Vovk, Alex Gammerman,	Algorithmic Micro Electro mechanical system
177.	Sergey Edward, lyshevski	Nano and Micro Electro Mechanical System
178.	J.Pritchard	Mathematical system Theory I
179	J.Driebe	Uncertainty and Surprise in computer system
180	S.Bernstein	Matrix Mathematics
181	Jan.A. Snyman	Pratical Mathematical Optimization
182	T.A. Kovacs	Micro machined Transducers Source book
183	John R. Lavigne	Instrumentation Applications
184	Robert J. McGill	Measurement and Control in Paper Making
185	Michael P. Lukas	Distributed Control Systems
186	Edward waltz, James Llinas	Multi sensor Data Fusion
187	B.S. Ramprasad, S.Asokan	Advances in Instrumentation
188	Clyde F.Coombs. Jr	Electronic Instrument Handbook
189	Dr.P.E.Sankaranarayanan	Selected Scientific & technical Papers
190	K.Murugesh kumar	DC Machines & Transformers
191	A.K.Gupta, S.K.Sarkar	Mathematics of Computing
192	B.Somanathan nair	Electronic Circuits
193	Ken Arnold, James Gosling	The Java Programming Language
194	Armando B. Corripio	Tuning of Industrial Control Systems
195	Lavigni	Paper Industry Instrumentation
196	M.Gopal	Digital Control Engineering
197	Raghuveer, M.Rao, Ajit S. Bopardikar	Wavelet Transforms
198	James E.Bailey, David F.Ollis	Bio Chemical Engineering Fundamentals
199	M.Morris Mano	Digital Design (2nd Edition)
200	T.C. Manjunath	Fundamentals of Robotics
201	U.A. Bakshi, A.V.Bakshi	Network Analysis & Synthesis
202	S.N. Sivanandam	Control Systems Engineering
203	William M.Newman Robert F.Sproull	Principles of Interactive Computer Graphics
204	Elaine rich, Kevin Knight	Artificial Intelligence
205	Andrew S.Tanenbaum	Computer Networks (2nd Edition)
206	I.J. Nagrath M.Gopal	Control Systems Engineering
207	Lisa K.Welb, Jeffrey Travis	Labview for Everyone (Graphical Programming made Even Easier)
208		Regional Training Course on simulation models in Engineering and Technology (Lecture notes Vol .II
209		Programmable Logic Controllers
210	Pradeep B. Deshpande	Distillation Dynamics and Control
211	A.V.Srinivasan, D. Michael	Smart Structures Analysis & Design
212	Jeefrey Travis	Labview for Every one
213	Eronini kmez Eronin	System Dynamics & Control

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214	Gavy W.Johnson, Richard Jemigs	Labview Graphical Programming
215	Leonard sokoloff	Basic Concepts of Labview 4
216	M.Chidambram	Computer Control of Processes
217	P.Partheeban, M.Arul kumar	Recent Trends in Flow measurement Techniques
218		Temperature Measurement
219	Bela G.Liptak	Process Measurement & Analysis
220	Dr.S.Renganathan	Flow meters
221		Lab view Basics II development course manual
222	Shanthi Priner, K.Anna purani	Optical & Opto Electronic Instrumentation
223	Herman E.Koenig, William A. Blackwell	Electro mechanical System Theory
224	M.Necati Oziske	Heat transfer & Basic approach
225	Horowitz & Sahni	Data Structures
226	K.Krishnaswamy	Industrial Instrumentation
227	Daniel	Transducer Interfacing (Xerox) Handbook
228	K.Krishnaswamy	Industrial Instrumentation Part II
229	Richard Jennings	Labview graphical Programming
230	D.Petruzella	Programmable Logic Controllers
231		Work shop on MEMS 5^{th} &6^{th} August 2005
232		ICE CON 05
233		Digital Control & State variable Methods
234		TIMA 2007
235		Course on Programmable Logic Controllers 19^{th} & 20^{th} January 2002 Course Material