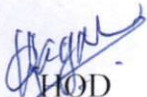



Electronics & Instrumentation Engg. Dept.

Sl.#	Author	Title	Publisher/Edition	Qty.	Rate Rs.
1	LYLA B DAS	Embeded systems on intergrated approach	pearson education	1	
2	R.S. Khandpur	Handbook of analytical instrumentation	MC graw hill (india pvt, 3rd edition)	1	
3	S.Nagabhushan & N. Shatyanarayana	Lasers & optical instrumentation	L K international publishing house pvt.ltd	1	
4	Raj Kamal	internet of things architecture and design principals	MC graw hill TM H publication	1	
5	Holger kerg Andreas Willing	protocols & Architecture for wireless sensor Network	john wiley & sons	1	


HOD
Professor & Head
Department of Instrumentation Technology
Dr. Ambedkar Institute of Technology
Bangalore - 560 056.


Principal
Principal
Dr. Ambedkar Institute of Technology
Bangalore-560 056

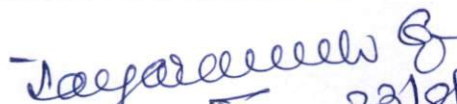
17/48


Electrical & Electronics Engg. Dept.

Sl.#	Author	Title	Publisher/Edition	Qty.	Rate Rs.
1	D C Kulshreshtha	Basic Electrical Engineering,	4th edition, TMH education private limited	1	
2	E. Hughes	Electrical Technology	9th edition, International students 9th edition	1	
3	B L Theraja	Fundamental of Electrical Engineering	2nd Edition, S Chand Publications	1	
4	Robert L. Boylestad and Louis Nashelsky	Electronic Devices and Circuit Theory	11th Edition, Pearson Education	1	
5	Millman and Halkias	Electronic Devices and Circuits	4th Edition, Mc Graw Hill	1	
6	David A Bell	Electronic Devices and Circuits	5th Edition, Oxford University Press	1	
7	Muhammad Rashid	Microelectronics Circuits Analysis and Design	2nd edition, Cengage Learning	1	
8	B.L. Theraja, A.K. Theraja	A Text Book of Electrical Technology, Electronic Devices and Circuits	S. Chand Reprint	1	
9	Anil K. Maini Vasha Agarval	Electronic Devices and Circuits	1st edition, Wiley publisher	1	
10	S.Salivahanan N.Suresh	Electronic Devices and Circuits	3rd edition, Mc Graw Hill publisher	1	
11	John M Yarbrough	Digital Logic Applications and Design	Third Reprint, Thomson	1	
12	R D Sudhaker Samuel	Logic Design	Sanguine Technical Publishers	1	
13	Charles H Roth	Fundamentals of logic design	Second edition, Thomson Learning	1	
14	Mono and Kim	Logic and computer design Fundamentals	Second edition, Pearson	1	
15	Hayt, Kemmerly and Durbin	Engineering Circuit Analysis	10th Edition, TMH Publication	1	
16	Roy Choudhury	Networks and systems	2nd Edition, New Age International Publications	1	
17	M. E. Van Valkenburg	Network Analysis	3rd Eedition, PHI publisher	1	
18	A K Chakraborty, S P Ghosh	Network Analysis and Synthesis	1st Edition, TMH publisher	1	
19	Robert L and Boylestad	Introductory Circuit Analysis	4TH edition, Pearson publisher	1	
20	M Nahvi and J A Edminister	Electric Circuits	2nd Edition, Schaum's Series	1	
21	I. J. Nagrath and D. P. Kothari	Electric Machines	4th Edition, Tata Mc Graw Hill	1	
22	B L Theraja	Electrical technology-AC & DC Machines	S Chand Publishers	1	
23	M. G. Say	Performance and Design of A.C. Machines	3rd Edition, C.B.S Publishers	1	
24	Kosow	Electrical Machines and Transformers	2nd edition, Pearson	1	
25	Alexander Langsdorf	Theory of Alternating Current Machines	2nd edition, T.M.H	1	

26	M.V Bhakshi	Transformer and Induction Machine	3rd Edition, Technical Publisher	1	
27	Robert M. Del Vecchi	Transformer Design Principles	3rd Edition, CRC PRESS	1	
28	S. M. Singh	Electric Power Generation, Transmission and Distribution	Second Edition, PHI Publisher	1	
29	Soni Gupta & Bhatnagar, Dhanpat Rai & Sons	A Course in Electrical Power	Third Edition, Dhanpat Rai & Sons Publisher	1	
30	W.D. Stevenson	Elements of Power System Analysis	Fourth Edition, TMH publisher	1	
31	Dr. S. L. Uppal	Electrical Power Systems	Fifteenth Edition, Khanna Publications publisher	1	
32	C. L. Wadhwa	Electrical Power Systems	Sixth Edition, New Age International Publisher	1	
33	A.K. Sawhney	Electrical and electronic Measurements and Instrumentation	10th Edition, Dhanpat Rai and Co	1	
34	R K Rajput	Electrical and Electronic Measurements and Instruments	3rd edition, S Chand	1	
35	J. B. Gupta	A Course in Electronics and Electrical Measurements and Instrumentation	13th edition, Katson Books	1	
36	David A Bell	Electronic Instrumentation and Measurements	2nd Edition, PHI	1	
37	Cooper D & A D Helfrick	Modern electronic instrumentation and measuring techniques	PHI	1	
38	J. Nagarath and M.Gopal	Control Systems	First Edition, Spectrum Publisher	1	
39	K. Ogata	Modern Control Engineering	4th edition, Pearson Education Asia/PHI	1	
40	P. S. Satyanarayana	Concepts of Control Systems	1st edition, Dynaram publishers	1	
41	M. Gopal	Control Systems – Principles and Design	2nd edition, TMH	1	
42	J. J. D'Azzo and C. H. Houpis	Feedback Control System Analysis And Synthesis	5th edition, McGraw Hill	1	
43	DP Kothari, I.J.Nagarath	Electrical Machinery	Fourth Edition, TMH	1	
44	P.S Bhimbra	Electrical Machines	Seventh Edition, Khanna Publishers	1	
45	AshfaqHussain, Dhanpat Rai	Electrical Machines	DhanpatRai Publications	1	
46	M. G. Say	Performance& Design of Alternating Current machines	Third Edition,CBS publishers	1	
47	A.E Clayton & N.N.Hancock e	The Performance & Design of DC machines	Third edition CBS Publication	1	

48	Mulukuntla.S.Sarma	Electric Machines	First edition, Cengage Learning	1	
49	Ahhijit Chakrabarti, SudiptaBebnath	Electric Machines	Electrical Machines Kindle Edition, McGraw Hill Education (India) Private Limited	1	
50	M.H.Rashid	Power Electronics	First Edition, P.H.I. /Pearson	1	
51	Ned Mohan, Tore M. Undeland, and William P. Robins	Power Electronics - Converters, Applications and Design	3rd Edition, John Wiley and Sons	1	
52	Gopal K.Dubey	Fundamentals of Electrical Drives	2nd edition, Tata.Mc.Hill	1	
53	G.K. Dubey, S.R. Doradla, A. Joshi and R.M.K. Sinha	Thyristorised Power Controllers	2nd edition, New Age International Publishers	1	
54	M.D. Singh and Khanchandani K.B	Power Electronics	2nd edition, Narosa Publishing House	1	
55	J.M. Jacob Thomson	Power Electronics, Principles and Applications	2nd edition, Vikas Publications	1	
56	David A Bell	Operational amplifiers and linear ICs	Third Edition, Oxford University Press	1	
57	B.Somanathan Nair	Linear Integrated Circuits - Analysis, Design and Applications	First Edition, Wiley India	1	
58	S. Salivahanan, V S KanchanaBhaaskara n	Linear Integrated Circuits	Second Edition , McGraw Hill	1	
59	Stanley William D	Operational amplifiers with Linear Integrated Circuits	Fourth Edition Pearson Education	1	
60	Ramakanth A Gayakwad	Operational amplifiers and linear Ics	Fourth edition, PHI	1	


 HOD
 HOD 23/8/20
 Department of Electrical and Electronics Engg.
 Dr. Ambedkar Institute of Technology
 Bengaluru-560056


 Principal
 Principal
 Dr. Ambedkar Institute of Technology
 Bangalore-560 056

20/48

Electronics & Communication Engg. Dept.

Sl.#	Author	Title	Publisher/Edition	Qty.	Rate Rs.
1	Jacob Millman and Christos. C. Halkies	Integrated electronics	Tata Mc Graw Hill Education, 2nd Edition 2017.	1	
2	David.A.Bell	Electronic devices and circuits	Oxford University Press, 5 th Edition.	1	
3	Salivahanan	Electronic devices and circuits	Tata Mc Graw Hill , 4 th Edition, 2017.	1	
4	Adel S. Sedra , Kenneth Carless Smith	Micro electronics	Tata Mc Graw Hill , 5 th Edition	1	
5	I.J.Nagarath	Electronics Analog and Digital	Prentice Hall India, 2 nd Edition, 2013	1	
6	K. Channa Venkatesh and D. Ganesh Rao	Network Analysis	Pearson Education India , 2010	1	
7	William H. Hayt, Steven M. Durbin, Jack E.	Engineering Circuit Analysis	Tata McGraw-Hill Education, 9 th Edition, 2015.	1	
8	Ravish, R. Singh	Network Analysis and Synthesis	Tata McGraw-Hill Education, 2 nd Edition, 2013.	1	
9	I. J. Nagarath and M.Gopal	Control Systems Engineering	New Age International (P) Limited, Publishers, Fifth edition – 2007.	1	
10	Ogata. K	Modern Control Engineering	PHI, 4th Edition, 2006.	1	
11	Benjamin.C. Kuo	Automatic Control systems	PHI, 9th Edition, 2009.	1	
12	Bernard Widrow and Samuel. D. Stearns,	"Adaptive Signal Processing",	Pearson Education,	1	
13	Simon Haykins,	"Adaptive Filter Theory",	Pearson Education, Fifth Edition,	1	
14	Tulay Adali , Simon Haykin	"Adaptive Signal Processing: Next-Generation Solutions"	Prentice Hall, First edition,	1	
15	R.K. Mittal & I.J. Nagrath,	"Robotics & Control"	Tata McGraw Hill Education Private Limited NEW DELH	1	
16	Mikell P. Groover , Mitchel Weiss Roger N. Nagel , Nicholas G. Odrey , Ashish Dutta	Industrial Robotics (Technology, Programming, and Applications), 2e (SIE)	Tata McGraw Hill Education Private Limited NEW DELH	1	
17	Gregory C. Burdea & Philippe Coiffet	Virtual Reality Technology	John Wiley & Sons. 2003, Second Edition	1	
18	John Vince	Introduction to Virtual Reality	Springer-Verlag London Limited 2004	1	
19	John Vince	Virtual Reality Systems	Pearson Education, 2007	1	
20	Ed Robert Kelsall, Ian Hamley, Mark Geoghegan ,	Nanoscale Science and Technology	Edition 1 st , John Wiley, 2007	1	

21	Charles P Poole, Jr, Frank J Owens,	Introduction to Nanotechnology	John Wiley, Copyright 2006, Reprint 2011	1	
22	Robert M. Gagliardi	Satellite Communications	Second Edition , Van Nostrand Reinhold, New York.	1	
23	GUPTA, S. C.-Third edition	Optical Fiber Communication and its applications,	PHI Learning Pvt. Ltd., 01-Nov- 2018 - Technology & Engineering	1	
24	John Huber was published in 1991.	Successful ASIC Design the first through	Springer publication ISBN: 0442003129	1	
25	Gerardus Blokdyk	Application- specific Integrated circuit A complete Guide	published by Emereo and has the ISBN: 0655475729	1	


HOD

HOD
Dept. of Electronics and Communication Engg.,
Dr. Ambedkar Institute of Technology
Bengaluru - 560056


Principal
Principal
Dr. Ambedkar Institute of Technology
Bangalore-560 056

22/
48

Electronics Telecommunication Engg. Dept.

Sl.#	Author	Title	Publisher/Edition	Qty.	Rate Rs.
1	David A. Bell	"Operational Amplifiers and Linear IC's"	3 rd edition. Oxford University Press	1	
2	D. Roy Choudhary and Shail B. Jain	"Linear Integrated circuits"	3 rd edition, New Academic Science Ltd.	1	
3	Sergio Franco	."Design with Operational Amplifiers and Analog Integrated Circuits"	TMH, 3 rd edition.	1	
4	Ramakant .A. Gayakwad	"Op Amps and Linear Integrated circuits",	4th edition, PHI,2009	1	
5	S S Manvi, and M. S. Kakkasageri	"Wireless and Mobile network concepts and Protocols"	2ed Wiley India Pvt Ltd, 2016	1	
6	P Kaveh, Krishnamurthy	"Principles of Wireless network: A unified approach"	PHI, 2016	1	
7	Yi-Bing Lin, Imrich Chlamtac	"Wireless and Mobile Network Architectures"	2 nd ed, Wiley, 2009	1	
8	Harri Holma and Antti Toskala	'LTE for UMTS Evolution to LTE-Advanced'	Second Edition - Wiley India, 2011	1	
9	Feng Zhao and Leonidas J. Guibas	"Wireless Sensor Networks- An Information Processing Approach"	Elsevier, 2007	1	
10	John D Kraus	Antenna and Wave propagation	TMH, Fifth Edition	1	
11	Thomas M. Cover , Joy A. Thomas	Elements of Information Theory	Wiley Series in Telecommunications and Signal Processing	1	
12	Lee W.C.Y	Mobile Cellular Telecommunication	MGH, Latest Edition.	1	
13	D P Agrawal	Wireless communication	2nd Edition Thomson Latest Edition.	1	
14	David Tse, Pramod Viswanath	Fundamentals of Wireless Communication	Cambridge. Latest Edition.	1	
15	Jonathan Rodriguez	Fundamentals of 5G Mobile networks	WILEY. Latest Edition.	1	
16	T.L. Singal,	Wireless Communications	Mcgraw Hill. Latest Edition.	1	
17	Karl E. Lonngren	Fundamentals of Electromagnetics with	2nd edition, Scitech Publishing	1	
18	Roger L. Freeman	Fundamentals of Telecommunications	Wiley Series in Telecommunications and Signal Processing	1	
19	J. Proakis, M. Salehi,	Communications Systems	1st edition 2003, University of Athens Eds., Greece.	1	

Yanada

HOD
H.O.D.

Dept. of Telecommunication Engg.
Dr. Ambedkar Institute of Technology,
Bangalore-560 056

Shree
Principal
Principal

Dr. Ambedkar Institute of Technology
Bangalore-560 056

23/48

Medical Electronics Engg. Dept.

Sl.#	Author	Title	Publisher / Edition/ Year	Qty.	Rate Rs.
1	Adel S Sedra and Kenneth C Smith	Microelectronic Circuits Theory and Applications,	Oxford International Student edition , 6th edition	1	
2	, Elizabeth A. H Hall	Biosensors	Open University press, Milton Keynes.	1	
3	Joseph Dyro B.S.	Clinical Engineering Handbook,	Elsevier Academic Press, 2004.	1	
4	Kirk Shung, Michael B. Smith and Benjamin Tsui,	Principles of Medical Imaging,	Academic Press, 1992	1	
5	Analysis, Simulation & Estimation, Michael C Khoo,	Physiological Control Systems	Wiley IEEE press.	1	
6	Gábor Czitán, Attila Gutassy, Ralf Wilde,	Product Safety in the European Union ,	TÜV Rheinland Akadémia, 2008.	1	
7	Michael Cheng,	Medical device regulations: global overview and guiding principles,	World Health Organization.	1	
8	Tatsuo Togawa, Toshiyo Tamura and P. Ake Oberg,	Biomedical Transducers and Instruments,	CRC Press, 1997.	1	
9	Joseph J Carr and John M Brown ,	Introduction to Biomedical Equipment Technology,	Pearson Education ,4th Edition , 2001 .	1	
10	, Dr. S. Sunder,	Rehabilitation Medicine	Jaypee Medical Publications, New Delhi	1	
11	, Susan B O'Sullivan,	Physical Rehabilitation	Thomas J Schmitz, 5th edition	1	
12	, Second Edition by Richard Fries,	Reliable Design of Medical Devices	CRC Press, 2006.	1	
13	, Roy Choudhary	Networks and systems	New age International Publication, 2nd Edition	1	
14	. Wayne W Daniel John	Biostatistics-A foundation for Analysis in Health Sciences	Wiley & Sons new edition.	1	
15	Michael J. Pont,	Embedded C	2nd Ed., Pearson Education, 2008	1	
16	Cuno Pfister,	Getting Started with Internet of Things	2011	1	
17	J. P Vasseur, Adam Dunkels,	Interconnecting Smart Objects with IP	2010	1	
18	: Vincent C Rideout	Mathematical and Computer Modeling of Physiological Systems	Prentice Hall advanced Reference Series	1	
19	Rajesh Singh, Anita Gehlot, Sushabhan Choudhury, Bhupendra Singh	Embedded System Based on ATMEGA Microcontroller: Simulation, Interfacing and Projects		1	
20	: John H Davies 2900	MSP430 Microcontroller Basics		1	

21	Cem Unsalan (Author), H . Deniz Gurhan (Author)	Programmable Microcontrollers with Applications: MSP430 LaunchPad with CCS and Grace		1	
22	by Y.C.Fung, Springer	Mechanical Properties of Living Tissue	2nd	1	
23	: Ian Good fellow, Yoshua Benjio,	Deep Learning	Aaron Courville MIT Press	1	

[Signature]
HOD
Professor & Head
Department of Instrumentation Technology
Dr. Ambedkar Institute of Technology
Bangalore - 560 056.

[Signature]
Principal
Principal
Dr. Ambedkar Institute of Technology
Bangalore-560 056
[Signature]

[Signature]
Head of the Department
23/12/21
Dept. of Medical Electronics Engineering
Dr. Ambedkar Institute of Technology
Bangalore - 560 056

25/48