



DEPARTMENT OF BIOMEDICAL ENGINEERING

LIST OF BOOKS

—► **ROW 1**

Sr No.	Name Of The Book	Name Of Author
(I)		
1	Electrical Measurements	Deepak S. Bankar
2	Electrical Measurements	Deepak S. Bankar
3	Electronic Measuring Instrument	Uday Bakshi & Ajay Bakshi
4	Electronic Instrumentation	Vaibhavi Sonetha
5	Electronic Instrumentation	Vaibhavi Sonetha
6	Electronic And Electrical Measuring Instruments and Machine	J S Katre & Vaibhavi Sonetha
7	Electronic Instrumentation System	Vaibhavi Sonetha
8	Electronic Instrumentation	Vaibhavi Sonetha
9	Electronic Instrumentation	Vaibhavi Sonetha
10	Electronic Instrumentation	Vaibhavi Sonetha
11	Electronic Instrumentation	Vaibhavi Sonetha
12	Electronic And Electrical Measuring Instruments and Machine	J S Katre & Vaibhavi Sonetha
13	Electronic And Electrical Measuring Instruments and Machine	J S Katre & Vaibhavi Sonetha
14	Electronic Instrumentation System	Vaibhavi Sonetha
15	Electrical And Electronic Measuring & Instruments	A K Sawhney
16	Electronic And Electrical Measuring Instruments And Machine	U A Bakshi & A V Bakshi

Sr No.	Name Of The Book	Name Of Author
(II)		
1	The Art Of Electronics	Horowitz & Hill
2	Application In Formation	
3	Electronic Device & Circuits	Salivahanan, Suresh Kumar, Vallavraj
4	Electronic Device & Circuits	Salivahanan, Suresh Kumar, Vallavraj
5	Basic Electronics & Linear Ckt	NN Bhargava, DC Kulshrestha, SC Gupta



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6	Basic Electronics & Linear Ckt	NN Bhargava,DC Kulshrestha,SC Gupta
7	Electronics - II (Paper soln)	
8	Ecad - I	J S Katre
9	Electronic Devices & Ckt Theory	Boylstead,Nashelsky
10	Electronics - I	J S Katre
11	Electronic Device & Circuits	Ravish Singh
12	Electronic Device & Circuits	Ravish Singh
13	Electronics Fundamental & Application	D Chattopadhyay, P.C Rakshit
14	Electronic Devices & Ckts - An Introduction	Mottershead

Sr No.	Name Of The Book	Name Of Author
(III)		
1	Analog & Digital Integrated Ckts	Parag Prashant
2	Modern Digital Electronics	Jain
3	Modern Digital Electronics	Jain
4	Linear Circuits	Van Valkenburg,Kinariwala
5	Electronic Principles	Malvino
6	Electronic Devices & Circuits - An Introduction	NN Bhargava,DC Kulshreshta,SC Gupta
7	Basic Electronics & linear Ckts	NN Bhargava,DC Kulshreshta,SC Gupta
8	Integrated Electronics	Millman Halkias
9	Basic Electronics Solid State	B I Theraja
10	Op-Amps & Linear Integrated Circuits	Gayakwad
11	Design With Op-Amp & Analog Integrated Circuits	Franco
12	Electronic Fundamentals & Application	Ryder
13	Basic Electronics & linear Ckts	NN Bhargava,DC Kulshreshta,SC Gupta
14	Pulse,Digital & Switching Waveforms	Millman & Taub
15	Graph Theory,Two Part n/w, n/w Functions	



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→ **ROW 2**

Sr No.	Name Of The Book	Name Of The Author
(I)		
1	Electronic Communication Systems	Kennedy
2	Principles of control systems	S.P.Eugene Joseph cyrinBabu J
3	Control System Engineering	Mumbai university Question papers
4	Automatic Control Systems	S.N Verma
5	Opamps and linear integrated circuits	Gaikwad
6	Opamps and linear integrated circuits	Gaikwad
7	Basic Electrical Engineering and Electronics Vol 1	R.G.Karandikar
8	Basic Electricity and Electronics 1	R.G.Karandikar
9	Embedded Microcontrol Systems	Valvano
10	Embedded Systems	Truptee Malvankar
11	Introduction to Microprocessor	Mathur
12	Microprocessor based design	Slater
13	Microprocessor and programmed logic	Kenneth L. Short
14	Microprocessor Interphasing and communication using Intel SDK-85	Borivoje Furht , Himanshu Parikh
15	Microprocessor and modern control Engineering	Cassell
16	Introduction to Microprocessor	Leuenthal
17	Microprocessor Architecture,programming and Applications	Ramesh Gaonkar
18	Microprocessor Architecture,programming and Applications	Ramesh Gaonkar

Sr No.	Name Of The Book	Name Of The Author
(II)		
1	Networks and Systems	Roy Choudhary
2	Electrical Networks	U.A Bakshi
3	Electrical Networks	B.K Mishra
4	Electrical Networks	Ravish Singh
5	Network Theory Analysis and Synthesis	S.Satyanarayan
6	Network Theory Analysis and Synthesis	Ghosh
7	Textbook of electrical technology	B.L. Theraja



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Sr No.	Name Of The Book	Name Of The Author
(III)		
1	Applied Sciences 1	Dr. K.H.Sadri
2	A textbook of Engineering physics	Theraja
3	Foundations of atomic and nuclear physics	
4	Safety series Number 88	
5	University paper solutions	Technical pub
6	Calculus of finite Differences and Numerical Analysis	Gupta Mallik
7	Introductory method of Numerical analysis	Sastry
8	Computer Oriented Numerical Methods	Sikkim Manipal University
9	Numerical Techniques	Baphana
10	Numerical Analysis and Algorithms	Niyogi
11	Numerical Techniques	J.S.Chitode
12	Introductory method of Numerical analysis	Sastry
13	Algorithm and Algorithmic graph theory	Sikkim Manipal University
14	Digital Computer Fundamentals	Mc. Graw Hill
15	Analog and Digital Integrated Circuits	N.g Palav
16	An Engineering Approach to Digital Design	Fletcher
17	Microsoft M.S Dos	
18	Linear Integrated Circuits	D. Roy Choudhari
19	Medical Fare 2012	Catalog
20	Hospimedica India 2005	Cidex
21	Plane Trigonometry	S.L Loxey



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→ **ROW 3**

Sr. No	Name Of The Book	Name Of The Author
(I)		
1	Image Processing	Dhananjay Theckdeth
2	Digital Signal Processing	Proakis
3	Biomedical Signal Processing Principles & Techniques	Reddy
4	Wavelet Transforms	Rao, Bopandikar
5	Image Processing using MATLAB codes	Dhananjay Theckdeth
6	Digital Image Processing & Analysis	Chanda , Majumder
7	Digital Signal Processing	Bijith Marakarkandy
8	Introduction to Digital Systems	Palmer/ Perlman
9	Modern Digital Electronics	R.P. Jain
10	Basics of Communication Engineering	J.S. Katre
11	Textbook of Electrical Technology	Ak. Theraj
12	A Textbook of Electrical Technology	PL Theraj
13	Textbook of Electrical Technology	Ak. Theraj, PL Theraj

Sr. No	Name Of The Book	Name Of The Author
(II)		
1	Database Programming with Visual Basic 6	Petreutsos
2	The Complete Reference C	Schildt
3	Object Oriented Programming with C++	Balguruswamy
4	Data Structures using C	Tenen Baum, Largsam
5	Compilers & Assemblers	Sikkim Manipal University
6	Compilers & Assemblers	Sikkim Manipal University
7	Peter Nortons Guide to Visual Basics 6	Norton & Gron
8	Oracle Handbook	
9	Oracle lab Exercises & Solutions	



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Sr. No	Name Of The Book	Name Of The Author
(III)		
1	An Introduction to Biostatistics	Sundar Rao & Richard
2	Statistics	SCHAUMS
3	Biostatistics	Daniel
4	Neurological Examination in Clinical Practice	John Spillane
5	Biostatistics - How it works	Steve Selven
6	Biomaterials	Bhatt
7	Fundamentals of Biochemistry	
8	Biomedical Engineering	Manipal University
9	Christensens Physics of Diagnostic Radiology	Thomas Curry
10	CAITBME - 2001	
11	Proceedings & National Conferences in Biomedical Engineering	IEEE

Sr. No	Name Of The Book	Name Of The Author
(IV)		
1	Introduction to Biomedical Equipment Technology	CARR & BROWN
2	Artificial Limbs	Gillis
3	Biophysical Measurements	Peter Strong
4	Human Anatomy & Physiology	TPS
5	Electronics in medicine & Biomedical Instrumentation	Jog
6	Biomedical Equipment technology	CARR & BROWN
7	Medical Instrumentation	Webster
8	Medical Instrumentation	Webster
9	Medical Instrumentation	Webster
10	Computers in Medicine	LELE
11	Biomedical Instrumentation & Measurements	Cromwell
12	Biomedical Instrumentation & Measurements	Cromwell
13	Handbook of Biomedical Instrumentation	Khandpur
14	Handbook of Biomedical Instrumentation	Khandpur
15	Electronic components and materials	DHIR
16	Genetic Engineering	DR. P.S. Verma