

Course Book List

Department of EEE

Course Code	Text book	Hard Copy Available Status		E-book
		Original	Duplicate	
L-1 T-1				
EEE 101	“Fundamentals of Electrical Circuits” – Charles K. Alexander and Matthew N.O. Sadiku, fourth edition.	5 th – 04 6 th – 19 7 th - 40	3 rd - 02 4 th - 42 5 th - 01	4 th ed.
MATH 101	1. “Calculus” By: H. Anton, IRL Vibens, S. Davis, 10th Edition.	10 th - 43	6 th – 01 7 th – 05 8 th – 04	Available 11 th ed.
	2. “Elements of the Differential and Integral Calculus”, By William Anthony, Revised Edition.	00	00	Available
PHY 101	“Physics for Engineering (Part I)” - Dr. Gias Uddin Ahmad	82	00	N/A
L-1 T-2				
PHY 103	1. “Physics for Engineering (Part II)” - Dr. Gias Uddin Ahmad	84	00	N/A
	2. “Fundamental of Physics” - Halliday, Resnick and Walker, 8th edition	00	7 th - 10	Available 1 st , 9 th & 10 th ed.
EEE 103	“Fundamentals of Electric Circuits” – Alexander and Sadiku (vol.5 / vol.6)	00	00	Available 1 st , 5 th & 7 th ed.
L-1 T-3				
MATH 103	1. “Introduction to Ordinary Differential Equations” - Shepley L. Ross-4th Edition.	4 th – 04	4 th - 09	Available
	2. “Differential Equations” -B. D Sharma.	10	05	N/A
CHEM 101	1. “Essentials of Physical Chemistry”- B.S.Bahl, G.D.Tuli	Rev. ed.- 08	1 st – 20	N/A
	2. “Modern Inorganic Chemistry”-R.D. Madan	3 rd - 05	3 rd – 20	N/A
	3. “Advanced Organic Chemistry”-Arun Bahl, B.S. Bahl	00	1 st - 02	Available
CSE 101	“Teach Yourself C” – By Herbert Schildt; Publisher: McGraw-Hill Osborne Media; 3rd Edition (April 1, 1997)	3 rd - 13	3 rd - 24	Available
L-2 T-1				

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EEE 201	“Electronic Devices and Circuit Theory”- Robert Boylestad, Louis Nashelsky(seventh edition).	8 th – 02 9 th – 00 11 th - 43	8 th – 01 9 th – 18 11 th - 01	Available
MATH 205	1. Elementary Linear algebra (9 th edition) - Howard Anton.	9 th – 10 11 th - 10	00	Available 1 st & 12 th ed.
	2. Linear Algebra- Professor Md. Abdur Rahman	00	00	N/A
	3. Complex Variables and Application (7 th edition)-By James Ward Brown and Ruel V. Churchill	8 th – 02 9 th - 08	00	Available
MATH 207	1. “The Elements of Coordinate Geometry” By: S.L. Loney.	10	00	Available
	2. “A textbook on Coordinate geometry & Vector Analysis” By: Rahman & Bhattacharjee.	6 th – 31 10 th – 08	00	N/A
	3. “Vector Analysis & an introduction to Tensor Analysis” By: Murray R. Spiegel, 1 st Edition, McGraw Hill, Inc.	2 nd – 07	05	Available
L-2 T-2				
EEE 203	“Electric Machinery Fundamentals”, 5th Edition, Stephen J. Chapman.	4 th - 27	00	Available
EEE 205	“Fundamentals of Engineering Electromagnetics” – David K. Cheng, 2 nd edition.	1993 - 05	10	Available 1 st ed.
MATH 209	1. Larson, R. and Farber, B. (2014), “Elementary Statistics Picturing the World”, 6 th edition.	7 th - 10	00	Available 1 st ed.
	2. Walpole, Myers, Ye, “Probability and Statistics for Engineers and Scientists”	9 th - 15	7 th - 01	Available
L-2 T-3				
EEE 207	“A textbook of Electrical Technology (Volume II)”- By B.L. Theraja, A.K. Theraja	23rd rev. -35	3 rd - 13	Available
EEE 209	“Microelectronics”, Second Edition by Jacob Millman, Tata Mc Graw Hill, Inc, USA	2 nd - 16	1 st - 04	Available
L-3 T-1				
EEE 301	Samir S. Soliman and Mandyan D. Srinath, Continuous and Discrete Signals and Systems, Latest Edition. ISBN: 81-203-2307-6		2 nd - 22	Available 1 st ed.
EEE 305	1. Power System Analysis – Grainger & Stevenson	1 st - 10	1. st - 04	Available
	2. Power Station Engineering and Economy – Skrotzki and Vopat	2 nd - 20	2 nd – 08	Not Available

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	3. Switchgear and Protection – Sunil S. Rao		11 th – 02 12 th - 18	Available 1 st ed.
MATH 301	“Numerical Methods for Engineers” – By Steven C. Chapra & Raymond P. Canale, Sixth Edition. Published by McGraw-Hill, ISBN: 978-0-07-340106-5	6 th – 15 7 th - 07	5 th – 01 6 th - 11	Available
EEE 309	“Solid State Electronic Device” (6th Edition) – Ben G Streetman, Sanjay Banerjee	7 th - 10	6 th - 10	Available 1 st , 4 th & 7 th ed.
L-3 T-2				
EEE 303	“Fundamentals of Digital Logic with Verilog design” – by Stephen Brown, 2nd Edition. Published by Tata McGraw-Hill Publishing Company Limited	2 nd - 25		Available 3 rd ed.
EEE 307	“Modern Digital and Analog Communication Systems” – B. P. Lathi, 4 th Edition	4 th - 45	3 rd – 37	Available
L-3 T-3				
EEE 335	John G Proakis and Dimitris G Manolakis, Digital Signal Processing, principles, algorithms and applications, Latest Edition	3 rd – 02 4 th - 24	4 th - 40	Available 3 rd & 4 th ed.
EEE 317	Intel Microprocessor, (Architecture, programming and interface), Barry B.Brey	8 th - 05	8 th – 13 4 th – 01 7 th – 03 6 th - 04	Available 8 th ed.
L-4 T-1				
EEE 401	“Feedback Control System Analysis and Synthesis” by John Joachim D’ Azzo and Constantine H Houpis, published by McGrawhill, USA.		2 nd - 06	N/A
Elective				
EEE 407	John M. Senior, “Optical Fiber Communications”, 3rd edition, Pearson, 2012.	3 rd - 13	2 nd – 01 3 rd - 04	Available
EEE 411	1. Power Plant Engineering- Black & Veatch	c1996 - 10	00	Available 1 st ed.
	2. Power Plant Engineering- A.K. Raja, A.P. Srivastava and. Dwivedi	00	00	Available 1 st ed.
	3. Renewable Energy: Power for a sustainable future by Godfray Boyle; Oxford	00	00	Available 1 st ed.
	4. Power Station Engineering and Economy – Skrotzki and Vopat	2 nd - 20	2 nd - 08	N/A
	5. Power System Analysis – Grainger & Stevenson	1 st - 10	04	Available

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	6. Modern Power System Planning - X. Wang and J.R. McDonald, <i>McGraw Hill Int. Edition.</i>	00	00	N/A
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EEE 435	1. Safa O.Kasap, "Optoelectronics and Photonics Principles and Practices", 2nd edition, Pearson, 2012.	2 nd - 15	00	Available 1 st ed.
	2. R.P. Khare, "Fiber Optics and Optoelectronics," Oxford University Press, 2013.	c2004 - 09	00	Available 1 st ed.
EEE 433	"Wireless Communications- Principles And Practice" by Theodore S Rappaport .	2 nd - 16	2 nd - 06	Available 1 st ed.