UNIVERSITY COLLEGE OF ENGINEERING
(KAKATIYA UNIVERSITY)
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Sealed quotations are invited from the appropriate firms procuring of B. Tech. (Min, EEE, CSE, IT & ECE), 1st 2nd 3rd and 4th semester to our college library.

Terms & Conditions:

1. Clearly specify the discount offered.
2. Prices are to be charged according to the latest publication catalogues.
3. Year of publication/print as per the latest catalogue should match with that printed on the text book supplied.
4. Latest editions/prints are to be supplied unless otherwise specified.
5. Books should be in good condition.
6. Books should be delivered to **The Principal, University College of Engineering, Kakatiya University, Kothagudem, Dist: Bhadradri Kothagudem-507 118.**

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PRINCIPAL

Encl: List of Text books

B. Tech. (Min, CSE, EEE, ECE and IT) 1st Sem and 2nd Sem

	Physics		
1.	Introduction to Mechanics	MK Verma	50
2.	Engineering Mechanics2nd ed.	MK Harbola	50
3.	Electricity, magnetism and light	W. Saslow,	50
4.	Principles of Mechanics	JL Synge & BA Griffiths	20
5.	Engineering Mechanics - Dynamics, 7th ed.	JL Meriam	20
6.	Theory of Vibrations with Applications	WT Thomson	20

	Mathematics		
1.	Higher Engineering Mathematics, 43rd Edition, Khanna Publicationns	B.S. Grewal et.al	50
2.	Aadvanced Engineering Mathematics, 8th Edition, John Wiley & Sons.	Erwin Kreyszig	10

	Basic Electrical Engineering		
1.	Electrical Technology Vol. I & II", S.Chand & Company Ltd, edn , 2005	B.L.Thereja, A.K.Thereja	50
2.	Electrical & Electronics Technology", Pearson Education, 10/ e., 2010.	Edward Hughes	50
3.	Basic Electrical Engineering", Tata McGraw Hill, edn , 2010.	D. P. Kothari and I. J. Nagrath	50
4.	Basic Electrical Engineering", Pearson Education, edn, 2011.	K. Uma Rao	20
5.	Basic Electrical Engineering", Tata McGraw Hill Ltd, edn, 2009.	Chakravarthy A, Sudhipanath and Chandan Kumar	20

	Engineering Drawing		
1.	Engineering Drawing	N.D. Bhatt Charotar	50
2.	Engineering Drawing, Oxford	N. S. Parthasarathy and Vela Murali	10

	Engineering Mechanics		
1.	Engineering Mechanics: Statics and Dynamics", Umesh Publishers, New Delhi, 14th edn., 2014.	Tayal A.K.,	50
2.	Engineering Mechanics in SI units", McGraw Hill Education Pvt. Ltd., New Delhi, 5th edn., 2013.	Timoshenko S., Young D.H., Rao J.V., and Sukumar Pati	50
3.	Engineering Mechanics", New Age International, New Delhi, 4th edn., 2013 (reprint).	Bhavikatti S.S.	50
4.	"Engineering Mechanics", Oxford University Press, 9th edn., 2013.	Basudeb Bhattacharyya	20

	Chemistry		
1.	Text Book of Physical Chemistry, Sulthan Chand & Sons	PL Soni and OP Dharmarha	50
2.	Engineering Chemistry, DhanapathiRai publishing Co	PC Jain & M Jain	50
3.	Text Book of Engineering Chemistry by, Dhanapathi Rai publishing Co.	Shashi Chawla	50

	Programming for Problem Solving		
1.	Let Us C, 14th Edition BPB Publications, ISBN 13: 9788183331630	Yashavant P. Kanetkar	50
2.	C: The complete reference Osbourne Mcgraw Hill, 4th Edition, 2002	Herbert Schildt	50
3.	C Programming Language Prentice-Hall, ISBN 0-13-110362-8	Brian W. Kernighan and Dennis M. Ritchie	50
4.	Programming in ANSI C, SIXTH edition, Tata McGraw Hill Pvt Ltd, ISBN-10: 1259004619	E. Balaguru Swamy	20
5.	Computer Science: A Structured Programming Approach Using C, Third Edition, Cengage Learning	C, B.A.Forouzan and R.F. Gilberg	20
6.	Programming in C. Second Edition, , ISBN: 9780199456147, Oxford University Press	ReemaThareja	20

	English		
1.	Language and Life: A Skills Approach, 2018	Orient Blackswan	50
2.	Practical English Usage, OUP. 1995	Michael Swan.	50

B. Tech (Min) 3rd Sem

	Mine Development		
1.	Elements of Mining Technology Volume I, II, III. Denett Publishers, Nagpur.	Deshmukh D.J.	15
2.	Principles and Practices of Coal Mining. New Age International Publishers	Singh R.D.	15
3.	Drilling and Blasting. Lovely Prakashan, Dhanbad	Pradhan G.K.	15
4.	Blasting Practices in Mines. Lovely Prakashan, Dhanbad	Das S K.	10

	Mine Surveying-I		
1.	Surveying Vol I, II and III. Laxmi Publication, New Delhi, 1991	Punimia BC.	15
2.	Surveying and Levelling Vol I and Vol II. United Book Corporation, Poona, 1991	Kenetkar TP.	15
3.	Mining Surveying. Lovely Prakashan, Dhanbad,1990	Ghatak	10

	Mine Geology-I		
1.	Engineering and General Geology. Katson Educational Series	Parbin Singh.	15
2.	Principles of Physical Geology. Nelson and Sons.	Hommes A.	15
3.	WEA text books of Mineralogy. John Wiley and Sons	Dana E.S and Ford.	15
4.	The Principles of Petrology. Methuen	Tyrrel G.W.	10
5.	Palaontology Invertebrate. Cambridge University Press.	Woods H.	10
6.	Geology of India and Burma. Higgis Bothams	Krishnan M.S.	10

	Basic Electronics Engineering		
1.	Electronic Devices and Circuits. McGraw Hill Education.	J. Millman & C. Halkias.	10
2.	Electronic Devices and Circuits theory. 11th Edition, 2009, Pearson	R. L. Boylestead, Louis Nashelsky.	10
3.	Electronic Devices and Circuits. 5th Edition, Oxford	David A. Bel.	10
4.	Digital Logic Design. Prentice Hall of India, New Delhi.	Moris Mano	10
5.	Modern Digital Electronics. Prentice Hall of India, New Delhi.	Jain RP.	10
6.	Linear Integrated Circuits. New Age International, New Delhi	Roy Choudhary and Shail Jain.	10

B. Tech (Min) 4th Sem

	Mine Ventilation and planning		
1.	Mine Environment and Ventilation. Oxford University Press, 1992	Mishra GB.	15
2.	Mine Ventilation and Air Conditioning. Wiley Interscience publication, 1993.	Hartman HL.	15
3.	Subsurface Ventilation and Environmental Engineering. Chapman and Hall Publication, London, 1993.	Pherson Mc.	10
4.	Mine Environment Engineering. Trans Tech Publishers, 1986	Vutukuri VS.	10

	Mine Surveying-II		
1.	Surveying Vol I, II and III. Laxmi Publication, New Delhi, 1991	Punimia BC.	10
2.	Surveying and Levelling Vol I and Vol II. United Book Corporation, Poona, 1991.	Kenetkar TP.	10
3.	Mining Surveying. Lovely Prakashan, Dhanbad, 1990.	Ghatak.	10

	Mine Geology-II		
1.	Engineering and General Geology	Parbin Singh.	15
2.	Principles of Physical Geology	Hommes A.	10
3.	The Principles of Petrology	Tyrrel G.W.	10
4.	Geology of India and Burma.	Krishnan M.S.	10

	Mechanical Technology		
1.	Theory of Machines and Mechanisms	Ballany P.L.	15
2.	Thermal Engineering.	Ballany P.L.	15
3.	IC Engines	Ganesham V.	10
4.	Theory of Machines	Rttan S.S.	10

	Drilling and Blasting		
1.	Blasting Principles of Open Pit Mining, Vol. 1- General Design Concept. A.A. Balkema, Rotterdam, 1999.	Hustrulid W A.	15
2.	Drilling and Blasting of Rocks. A.A.Balkema, Rotterdam, 1995.	Jimeno C L, Jimeno EL, Carcedo EJ.	15
3.	Principles of Rock fragmentation. Wiley Interscience Publication, 1987.	Clark G B.	15
4.	Surface Blast Design, New Jersey, 1990.	Konya C J and Walter E J.	10
5.	Engineering Rock Blasting Operations. A.A.Balkema, Rotterdam, 1997.	Sushil Bhandari.	10

B. Tech. (CE&IT) 3rd Sem

	Environmental Science		
1.	Environmental science, Hi Tech Publishers, 2009	M. Chandrasekhar	50
2.	Principles of Environmental Science, Inquiry and Applications, Tata McGraw Hill, Eighth Edition, 2016	W P Cunningham, M A Cunningham	50

	Mathamatics-III Statistics, Probability, and Numerical Techniques		
1.	Higher Engineering Mathematics, 43rd Edition, Khanna Publications	B.S Grewal	50

	Analog Electronics		
1.	Electronic Devices and Circuits, McGraw Hill Education	Jacob Millman & Christos C. Halkias	20
2.	Linear Integrated Circuits, New Age International, New Delhi	Roy Choudhary, Shail Jain,	20
3.	Electronic Devices & Circuits,	Shalivahanan	10

	Data Structures using " C"		
1.	Fundamentals of data structures in C", Galgotia Publications Pvt. Ltd, ISBN 81-203-1874-9.	Ellis Horowitz, Sartaj Sahani, Dinesh Metha	20
2.	Classic data structures", Printice Hall India, ISBN 81-203-1874-9	D. Samanta	20
3.	Data Structures Using C, SIXTH edition, Tata McGraw-Hill, ISBN 1-25-9029544-9.	E. Balaguru Swamy	10
4.	Fundamentals of Data Structures In C, Universities Press ISBN 10: 8173716056	Horowitz, Sahni	10

	Computer Architecture & Organization		
1.	Computer Organization, Tata McGraw Hill, 5/e	C. Hamacher, Zvonko Vranesic, Safwat Zaky	20
2.	Computer System Architecture, PHI, 3rd Edition	Morris M. Mano	20
3.	Computer Architecture and Organization, McGraw Hill, 3/e	John P. Hayes	10
4.	Structured Computer Organization, 6/e	Andrew S. Tanenbaum	10

	IT Workshop Lab		
1.	LaTeX Companion, PHI/Pearson.	Leslie Lamport,	20
2.	Comdex Information Technology course tool kit, WILEY Dreamtech	Vikas Gupta	10
3.	The Complete Computer upgrade and repair book, 3rd Edition, , WILEYDreamtech	Cheryl A Schmidt	10

B. Tech. (CE&IT) 4th Sem

	Constitution of India		
1.	An Introduction of Indian Constitution	D.D. Basu:	40
2.	The Indian Constitution	Greanvile Austin:	40

	Digital Electronics		
1.	Switching and Finite Automata Theory, 3rd Edition, Cambridge.	ZviKohavi&Niraj K. Jha	20
2.	Digital Design-, PHI, 3rd Edition	Morris Mano	20
3.	Modern Digital Electronics, McGraw Hill Publishers'.	R. P. Jain,	20

	Mathematical Foundations In Computer Science		
1.	Discrete Mathematical Structures with Applications to Computer Science, McGraw Hill education (India) Private Limited. (UNITS - I, II)	J.P. Tremblay, R. Manohar,	20
2.	Discrete Mathematics for Computer Scientists & Mathematicians, Pearson , 2nd ed. (Units - IV, V)	Joe L. Mott, Abraham Kandel, Theodore P. Baker	20

	Design and analysis of algorithms		
1.	Introduction to Algorithms, second edition, PHI Pvt. Ltd./ Pearson Education.	T.H. Cormen, C.E.Leiserson, R.L.Rivest, and C.Stein,	20
2.	Fundamentals of Computer Algorithms , University Press	SatrajSahni and Rajasekharan, Ellis Horowitz,	10
3.	Design and Analysis of algorithms, Pearson education	Aho, Ullman and Hopcroft	10
4.	Algorithm Design: Foundations, Analysis and Internet Examples, John Wiley and sons.	M.T. Goodrich and R. Tamassia,	10

	Operating Systems		
1.	Operating Systems Concepts 9th Edition, 2016, Wiley India Publications	Abraham Silberschatz, Peter Galvin, Greg Gagne,	20
2.	Operating Systems – Internals and Design Principles, 7th Edition Pearson Education Asia Publications	William Stallings,	20
3.	Modern Operating Systems –,3rd Edition, PHI Publication	Andrew S. Tenenbaum	10
4.	Operating Systems –Pearson Education Asia	Deitel & Deitel,	10

	Object Oriented Programming through JAVA		
1.	JAVA The Complete Reference, 9th Edition, McGraw-Hill Education India Pvt.Ltd , ISBN: 9781259002465, 2011.	Herbert Schildt	20
2.	”Java Fundamentals (A Comprehensive Introduction)”, 1st Edition, McGraw Hill Education, ISBN-13: 978-1-25-900659-3, 2013.	Herbert Schildt, Dale Skrien,	20
3.	"Programming in JAVA", 2ndEdition, Oxford Publications, ISBN-13: 978-0-19-809485-2, 2013.	Sachin Malhotra, Saurabh Choudhary,	10
4.	"Head First Java", 2nd Edition, O'Reilly Publications, ISBN13: 978-0596009205, 2013.	Kathy Sierra, Bert Bates,	10
5.	"Advanced JAVA Programming", 1st edition, Oxford Publications; ISBN13: 978-0199455508, 2013.	Uttam K. Roy,	10

S. No	Book Title	Author Name	Publisher Name	Qty
	PHP: The Complete Reference Paperback	Steven Holzner		3
	Python Crash Course'	Eric Matthews		3
	Machine Learning using Python	U Dinesh Kumar Manaranjan Pradhan	Wiley publisher	3
	Big Data For Dummies	Judith S. Hurwitz, Alan Nugent, Fern Halper, Marcia Kaufman , John	wiley publisher	3
	Mastering Cloud Computing	Buyya, Vecchiola, et al		3

B. Tech (EEE) 3rd Sem

	Electrical Circuits-I		
1.	Network Analysis, Prentice Hall of India, 3rd Edition, 2000	Van Valkenburg M.E.	20
2.	Engineering Circuit Analysis, McGrawHill, 6th Edition, 2002	William Hayt H, Kimmerly Jack E, Steven Durbin M Singh R.D.	20
3.	Network Analysis, B.S. Publications, 3rd Edition, 2014	Jagan N.C, Lakshrninarayana C	10

	Electrical Machines-I		
1.	Electric Machines, Tata McGrawHill,4th Edition, 2010	D. P. Kothari, I. J. Nagrath,	20
2.	Electrical Machinery, Khanna Publications, 2000	Bhimbra P.S.,	20
3.	Theory and Performance of Electrical Machines, S.K.Kataria & Sons, Delhi, 2005	GuptaJ. B.,	10
4.	The Performance and Design of Direct Current Machines,3rd edition, 1959	AE Clayton and, NN Hancock	10

	Power systems-I		
1.	Electrical Power Systems, New Age International (P) Ltd.,4th Edition, 2007	Wadhwa C.L.,	20
2.	Generation, Distribution and Utilization of Electrical Energy, New Age International (P) Ltd., 4thEdition, 2006	Wadhwa C.L.,	20
3.	Electrical Power Generation, Transmission and Distribution, Prentice Hall of India, Pvt. Ltd. New Delhi, 2003.	Singh S.N.,	10
4.	Principles of Power Systems, S. Chand and Co., 2007	V. K. Mehta,	10

	Electromagnetic Fields		
1.	Elements of Electromagnetics, Oxford University Press, 4th Edition, 2006	Matthew Sadiku N.O.,	20
2.	Engineering Electromagnetics, TataMcGrawHill, 7th Edition, 2003	William. Hayt H, Buck John A.,	20
3.	Elements of Engineering Electromagnetics, PHI, New Delhi, 5th Edition, 2002	Nannapaneni Narayana Rao	10

	Anlog Electronics		
1.	Microelectronics‖, McGraw Hill Education, 1988.	J. Millman and A. Grabel,	20
2.	Linear Integrated Circuits‖, 3rd Edition, New Age International (P) Limited, New Delhi, 2008.	Roy Chowdary and Shail B Jain,	20
3.	Microelectronic Circuits‖, New York, Oxford University Press, 1998	A. S. Sedra and K. C. Smith,	10
4.	Operational Amplifiers and Linear ICS, Prentice Hall of India, 2005	David Bell A.,	10

	Computer Aided Electrical Drawing Laboratory		
1.	Electrical Design, Estimating and Costing, Wiley Eastern Ltd.,1991	KB. Raina, S.K. Bhattacharya,	20
2.	Electrical Machines, Tata McGraw Hill Publishing Company Ltd.,2000	Nagrath, Kothari,	10
3.	A Course in Electrical Machines Design, Dhanpat Rai and Sons, 1996.	A.K. Sawhney,	10

B. Tech. (4th Sem) EEE

	Electrical Circuits-II		
1.	Network Analysis, Prentice Hall of India, 3rdEdition, 2000.	Van Valkenburg M.E,	20
2.	Engineering Circuit Analysis, McGrawHill, 6th Edition,2002	WilliamHayt H, KimmerlyJackE. Steven Durbin M,	20
3.	Network Analysis, B. S. Publications, 3rd Edition,2014	Jagan N.C, Lakshrninarayana C.,	10
4.	Circuit Theory, Dhanpat Rai & Co.,First Edition,1999	ChakravarthyA.,	10

	Electrical Machines-II		
1.	Electrical Machinery, KhannaPublishers2006	P. S. Bimbhra	20
2.	Electrical Machines, Tata McGraw Hill, 4th Edition, 2010.	D. P. Kothari& I. J. Nagrath,	10
3.	The Performance and Design of AC. Machines Pitman Publication, 2002.	M.G. Say	10
4.	Electric Machinery and Transformers. PPH, Pearson Education 2nd Edition, 2009	Irving L. Kosow	10

	Power Systems-II		
1.	Electrical Power Systems, New Age International, 4th edition,2006	CL Wadhwa	20
2.	Power System Analysis, Tata McGraw Hill, 4th edition,	Grainger	10

	2003	Stevenson-	
3.	Modern Power System Analysis,Tata McGrawHill ,4th edition-2012	Nagarathand Kothari	10

	Power Electronics		
1.	Power Electronics, KhannaPublications,2006	Bimbra. P. S.	20
2.	Power Electronics Circuits, Devices and Applications-Prentice Hall of India, 2004.	Rashid M. H.	10
3.	Power Electronics-TataMcGrawHill,14th reprint,1999	Singh. M.D., Khanchandani K.B.	10
4.	Power Electronic Converters. Applications and Design–John Wiley & Sons - 3rd Edition, 2007	Mohan, Undeland &Robbins-	10

	Digital Electronics & Logic Design		
1.	Fundamentals of Digital Circuits, Prentice Hall of India, 4thEdition, 2003	Anand Kumar A.,	10
2.	M., Digital Design, Prentice Hall of India, 3rdEdition, 2002.	M Mano	20
3.	Switching & Finite Automata Theory, Tata McGraw Hill, 2nd Edition, 19	Zvy Kohavi,	20

B. Tech. (ECE) 3rd Sem

	Managerial Economics And Accountancy		
1.	Managerial Economics-Analysis, Problems and Cases, Sulthan Chand &Sons Educational Publishers, 2011.	Mehta P.L.,	15
2.	Introduction to Accountancy, Vikas Publishing House, 2005.	Maheswari S.N.,	10
3.	Financial Management, Vikas Publishing House, 2009.	Pnadey I.M.,	10

	Electronic Devices & Circuits		
1.	"Electronic Devices and Circuits", 3rd ed., Mc-Graw Hill Education, 2010.	J. Millman, C. Halkias	20
2.	Electronic Devices and Circuit Theory, 11th ed., Pearson India Publications, 2015.	R. Boylestad and L. Nashelsky,	20
3.	"Electronic Devices and circuits", 3rd edition, Tata McGraw-Hill, 2012.	Salivahanan. S, Suresh Kumar. N	10

	Digital System Design		
1.	"Modern Digital Electronics", Tata McGraw Hill, 4th Edition, 2009	R. P. Jain,	30
2.	"Digital Design", Pearson, 4th Edition, 2012	M. Mano, M. D. Ciletti,	30
3.	"Digital System Design and Practices Using Verilog HDL and FPGAs", Wiley India Pvt. Ltd., 2012.	Ming-Bo Lin,	10

	Signals & Systems		
1.	Signals and Systems, 2ndedition, Prentice Hall of India, 2007	A. V. Oppenheim, A. S. Willsky, S H. Nawab,	25
2.	Signals Systems Communications", 1st edition, B. S. Publications, 2006	Lathi B.P.,	20
3.	"Signal and system", Wiley, second edition.	Simon Haykin and Van veen,	20

	Network Analysis & Synthesis		
1.	Network Analysis, 3rdedition, Prentice Hall of India, 1996	Van Valkenberg M.E,	25
2.	Engineering Circuit Analysis, 7th edition, Tata McGraw Hill, 2006.	Hayt W H, Kemerly J E Durbin	25

3.	Network Theory Analysis and Synthesis, PHI Learning private Limited,2013	Smarajit Ghosh,	15

	Constitution of India		
1.	An Introduction of Indian Constitution	D.D. Basu	30
2.	The Indian Constitution	Greanvile Austin	30

B. Tech. (ECE) 4th Sem

	Analog Electronic Circuits		
1.	Electronic Devices and Circuits, 3rd ed., McGraw Hill Education, 2010.	J. Millman, C. C. Halkias,	20
2.	Electronic Devices and Circuits, 5th ed., Oxford University Press, 2009	David A. Bell,	20
3.	Electronic Devices and Circuits, 2nd ed., McGraw Hill Education, 2007	S Salivahanan, N Kumar, and A Vallavaraj,	10
4.	Integrated Electronics, 2nd ed., McGraw Hill Education (India) Private Limited, 2011.	Jacob Millman, Christos Halkias, Chetan Parikh,	30
5.	Electronics Circuits, Discrete & Integrated, 3rd ed., McGraw Hill Education (India) Private Limited, 2002	Donald L Schilling & Charles Belove,	10

	Stochastic Processes		
1.	"Probability, Random Variables & Random Signal Properties", 4th edition, Tata McGraw-Hill, 2001	Peyton Z Peebles,	30
2.	"Probability, Statistics Random Processes for Engineers", Thomson Learning, 1st edition, 2003.	Richard H. Williams,	10
3.	·Communication systems: Analog & Digital" McGrawHill publishers.	R. P. Singh and S. D. Sapre, '	10

	Electromagnetic Theory & Transmission lines		
1.	Principles of Electromagnetics, Oxford University Press, 2009, 4thedition	Matthew N,O. Sadiku,	30
2.	Field and Wave Electromagnetics, Pearson Education, 2001, 2nd edition	David K.Cheng,	25
3.	Engineering Electromagnetics, Tata McGraw-Hill, 2006, 7thedition.	W.H.Hayt,Jr. and J.A Buck,	10

	Pulse and Integrated Circuits		
1.	Pulse, Digital and Switching Waveforms - McGraw-Hill, 1991.	J. Millman and H. Taub,	30
2.	Solid State Pulse circuits - PHI, 4th Edn., 2002	David A. Bell,	

3.	Introduction to Operational Amplifier theory and applications, McGraw Hill, 1992	J.V. Wait, L.P. Huelsman and GA Korn,	30
4.	"Linear Integrated Circuits", 4/e, New / Age International (P) Ltd., 2008	D.Roy Chowdhury, Shail B.Jain,	30
5.	Op-Amps and Linear Integrated Circuits‖, 3rd Edition, Prentice-Hall of India Limited, New Delhi, 1995.	Ramakanth A Gayakwad,	15

	Computer Architecture and Organization		
1.	Computer System Architecture, 3rd edition, Prentice Hall India, 2007	Morris Mano M,	30
2.	Computer Organization and Architecture, Design for Performance, 7 th edition, Prentice Hall India, 2006	William Stallings,	10
3.	Computer Architecture and Organization, 3rd edition, McGraw Hill, 1998	John P. Hayes,	10

	Electronic Measurements & Instrumentation		
1.	Electronic Instrumentation –, Tata McGraw Hill, 2004	HS Kalsi	30
2.	Electronic Instrumentation and measurements techniques by, PHI publications.	Helfrick and W.D. Cooper	20