

B.TECH CSE 3rd Sem**List of Books**

S.No	Subject	Reference books
1	BTCS301-18 Data Structure & Algorithms	Algorithms, Data Structures, and Problem Solving with C++”, Illustrated Edition by Mark Allen Weiss, Addison-Wesley Publishing Company. “How to Solve it by Computer”, 2nd Impression by R. G. Dromey, Pearson Education.
2	BTCS302-18 Object Oriented Programming	Stanley B.Lippmann, JoseeLajoie: C++ Primer, 4th Edition, Addison Wesley, 2012. Herbert Schildt: The Complete Reference C++, 4th Edition, Tata McGraw Hill, 2011.
3	BTAM304-18 Mathematics Paper-III (Calculus and Ordinary Differential Equations)	G.B. Thomas and R.L. Finney, Calculus and Analytic geometry, 9th Edition, Pearson, Reprint, 2002. T. Veerarajan, Engineering Mathematics for first year, Tata McGraw-Hill, New Delhi, 2008. N.P. Bali and Manish Goyal, A text book of Engineering Mathematics, Laxmi Publications, Reprint, 2010. Erwin Kreyszig, Advanced Engineering Mathematics, 9th Edition, John Wiley & Sons, 2006. W.E. Boyce and R.C. DiPrima, Elementary Differential Equations
4	BTES301-18 Digital Electronics	Morris Mano, Digital Design, Prentice Hall of India Pvt. Ltd Donald P. Leach and Albert Paul Malvino, Digital Principles and Applications, 5 ed., Tata McGraw Hill Publishing Company Limited, New Delhi, 2003. R.P. Jain, Modern Digital Electronics, 3 ed., Tata McGraw-Hill publishing company limited, New Delhi, 2003. Thomas L. Floyd, Digital Fundamentals, Pearson Education, Inc, New Delhi, 2003 Ronald J. Tocci, Neal S. Widmer, Gregory L. Moss, Digital System -Principles and Applications, Pearson Education. Ghosal ,Digital Electronics, Cengage Learning.
5	PHILOSOPHY HSMC102-18	Sathaye, Avinash, Translation of Nasadiya Sukta Ralph T. H. Griffith. The Hymns of the R̥gveda. Motilal Banarsidass: Delhi: 1973. Raju, P. T. Structural Depths of Indian Thought, Albany: State University of New York Press. Plato, Symposium, Hamilton Press. Kautilya Artha Sastra. Penguin Books, New Delhi. Bacon, Nova Orgum

B.TECH CSE 5TH Sem**List of Books**

S.No	Subject	Reference books
1	COMPUTER NETWORKS-II	<ol style="list-style-type: none">1. Sunil kumar S. Manvi, Mahabaleshwar S. Kakkasageri, 'Wireless and Mobile Networks:Concepts and Protocols', 2nd Edn., Wiley, 2016.2. Mayank Dave, 'Computer Networks', 1st Edn., Cengage COURSE, 2012.3. Theodore S. Rappaport, 'Wireless Communication: Principles and Practices', 2nd Edn.,Pearson Education, 2001.4. Charlie Kaufman, Radio Perlman, Mike Speciner, 'Network Security', 2nd Edn., PHI,2002.5. S. Keshav, 'An Engineering Approach to Computer Networking', 1st Edn., PearsonEducation, 2002.
2	AUTOMATA THEORY	<ol style="list-style-type: none">1. K.L.P. Mishra and N. Chandrasekaran, 'Theory of Computer Science', 3rd Edn., PHI COURSE Private Limited, 2011.2. Peter Linz, 'An Introduction to Formal Languages and Automata', 3rd Edn., Narosa Publishers, 1998.3. John E. Hopcroft, Rajeev Motwani, Jeffrey D. Ullman, 'Introduction to Automata Theory, Languages and Computation', 3rd Edn., Pearson Education, 2008.4. M. Sipser, 'Introduction to the Theory of Computation', 3rd Edn., Cengage COURSE, 2012.5. K.V.N. Sunitha, N. Kalyani, 'Formal Languages and Automata Theory', 1st Edn., McGraw-Hill, 2010.
3	JAVA PROGRAMMING	<ol style="list-style-type: none">1. Patrick Naughton & Herbert Schildt, 'The Complete Reference Java 2', 5th Edn., Tata McGraw Hill, 2002.2. Balagurusamy, 'Programming in JAVA', BPB Publications, 2006.3. Deitel and Deitel, 'Java: How to Program', 10th Edn., Pearson Education, 2014
4	ENTERPRISE RESOURCE PLANNING	<ol style="list-style-type: none">1. Alexis Leon, 'ERP DEMYSTIFIED', 2nd Edn., Tata McGraw Hill, 2008.2. Mary Sumner, 'Enterprise Resource Planning', Pearson Education, 2007.3. Jim Mazzullo, 'SAP R/3 for Everyone', 2nd Edn., Pearson, 2007.4. Jose Antonio Fernandz, 'The SAP R /3 Handbook', Tata McGraw Hill, 2000.5. Biao Fu, 'SAP BW: A Step-by-Step Guide', 1st Edn., Pearson Education, 2003.
5	DIGITAL MARKETING	<ol style="list-style-type: none">1. James T. McClave, P. George Benson and Terry Sincich, 'Statistics for Business and

		<p>Economics', 12th Edn., Pearson, 2012.</p> <p>2. Mark Jeffery, 'Data-Driven Marketing: The 15 Metrics Everyone in Marketing Should Know', 1st Edn., Wiley, 2010.</p> <p>3. Weblinks: SEOMoz.org , mashable.com, http://www.convinceandconvert.com, ClickZ.com, eMarketer, forrester.com, contentmarketinginstitute.com, adage.com, adweek.com.</p>
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CSE 7th**List of Books**

S.No	Subject	Reference books
1	DATABASE MANAGEMENT SYSTEMS-II	<ol style="list-style-type: none">1. Ramez Elmasri, Shamkant Navathe, 'Fundamentals of Database Systems', 6th Edn., Pearson, 20102. Raghu Ramakrishnan, Johannes Gehrke, 'Database Management Systems', 5th Edn., Tata McGraw Hill, 20063. C.J. Date, 'An Introduction to Database Systems', 8th Edn., Pearson Education, 2003.4. Alexis Leon, Mathews Leon, 'Database Management Systems', 1st Edn., Leon Press, 2008.5. Abraham Silberschatz, Henry F. Korth, S. Sudarshan, 'Database System Concepts', 6th Edn., Tata McGraw Hill, 2011.
2	OBJECT ORIENTED ANALYSIS AND DESIGN USING UML	<ol style="list-style-type: none">1. Jim Arlow, Ila Neustadt, 'UML 2 and the Unified Process – Practical Object Oriented Analysis and Design', Pearson Education, Addison Wesley, 2nd Edn., 2005.2. Bernd Bruegge, Allen H. Dutoit, 'Object Oriented Software Engineering using UML', Pearson Education, 3rd Edn., 2009.3. M. Blaha, J. Rumbaugh, 'Object-Oriented Modeling and Design with UML', Pearson Education, 2nd Edn., 2005.4. Timothy C. Lethbridge, Robert Laganieri, 'Object Oriented Software Engineering', Tata McGraw Hill, 1st Edn., 20085. G. Booch, J. Rumbaugh, I. Jacobson, 'The Unified Modeling Language User Guide', Addison Wesley, 2nd Edn., 2005
3	LINUX & UNIX SYSTEMS	<ol style="list-style-type: none">1. John Goerzen, 'Linux Programming Bible', 1st Edn., Wiley, 2000.2. Sumitabha Das, 'Your Unix - The Ultimate Guide', 2nd Edn., TMH, 2004.3. Mathew, 'Professional Linux Programming', Vol. 1 & 2, Wrox-Shroff, 2001.4. Welsh & Kaufmann, 'Running Linux', 4th Edn., O'Reiley & Associates, 2000.
4	ARTIFICIAL INTELLIGENCE	<ol style="list-style-type: none">1. Elaine Rich, Kevin Knight and Shivashankar B.Nair, 'Artificial Intelligence', 3rd Edn., Tata McGraw-Hill, 2009.2. Stuart J. Russell and Peter Norvig, 'Artificial Intelligence: A Modern Approach', Pearson Education Asia, 2nd Edn., 2003.3. N.P. Padhy, 'Artificial Intelligence and Intelligent System', Oxford University Press, 2nd Edn., 2005.4. Rajendra Akerkar, 'Introduction to Artificial Intelligence', Prentice-Hall of India, 2005.5. Patrick Henry Winston, 'Artificial Intelligence', Pearson Education Inc., 3rd Edn., 2001.

5	SOFTWARE TESTING & QUALITY ASSURANCE	<ol style="list-style-type: none">1. Roger S Pressman, 'Software Engineering Concepts and Practices', 7th Edn., TMG, 2009.2. Srinivasan Desikan, Gopaldaswamy Ramesh, 'Software Testing', Pearson Education, 2006.3. Louis Tamres, 'Introducing Software Testing', 1st Edn., Addison Wesley Publications,4. Ron Patten, 'Software Testing', SAMS Techmedia, Indian Edition, 2001.5. Mordechai Ben-Menachem, Gary S Marliss, 'Software Quality-Producing Practical, Consistent Software', Thomson COURSE, 2003.
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