

J.S. University
MCA- I Semester

S.N.	Subject	Book Name	Author Name	Publisher Name
1	Professional Communication	Technical Communication – Principles and Practices	Meenakshi Raman & Sangeeta Sharma	Oxford Univ. Press 2007, New Delhi.
2	Computer Concepts and Programming in C	1. Let us C- 2. Programming in C	Yashwant Kanetkar Balguruswamy	BPB McGraw Hill India
3	Accounting and Financial Management	Financial Accounting & Management	S.M Shukla S.P.Gupta	SAHITYA Bhawan
		Financial Accounting: A Managerial Perspective	Narayanswami	(PHI, 2nd Edition).
4	Discrete Mathematic	1. Discrete Mathematics and Its Applications	Kenneth H Rosen	McGraw Hill, Sept.2002.
5	Organizational Behaviour	Organizational Behaviour: Human Behaviour at Work	Newstrom John W.	Tata Mc Graw Hill, 12th Edition

J.S. University
MCA II Semester

S.N.	Subject	Book Name	Author Name	Publisher Name
1.	Data Structures using C	1. Let us C- 2.Programming in C Fundamentals of Data Structures in C	Yashwant Kanetkar Balguruswamy Ellis Horowitz, S. Sahni, D. Mehta	BPB McGraw Hill India Galgotia Book Source, New Delhi.
2.	Computer Based Numerical & Statistical Techniques	Computer Oriented Numerical Methods	Rajaraman V	PHI
3.	Computer Organization	Computer System Architecture, 1.Introduction to Microprocessors 2.Introduction to Microprocessors 3.Prospective in Computer Architechture	M. Mano Leventhal, L.A Mathur, A.P Rao,P.V.S.	PHI Prentice Hall of India Tata McGraw Hill Prentice Hall of India
4.	Principles of Management	Management	Robbins & Coulter -	Prentice Hall of India, 8 th Edition
5.	Environmental Science and Ethics	Environmental Studies	Benny Joseph, U K Khare,	2011 Published by Tata McGraw Hill

MCA III Semester

S.N.	Subject	Book Name	Author Name	Publisher Name
1.	Operating Systems	1. Operating System Concepts, 2. Operating Systems 3. Operating Systems	Silberschatz and Galvin, Madnick E., Donovan J Tannenbaum	Person, 5th Ed. 2001 Tata McGraw Hill, 2001 PHI, 4th Edition, 2000
2.	Design & Analysis of Algorithms	Algorithm Design	Jon Kleinberg and Eva Tardos	Pearson Education
3.	Database Management System	An Introduction to database systems	Bipin Desai	Galgolia Publications, 1991.
4.	Internet & Java Programming	“Object Oriented Programming in JAVA” 1. Java Servlet Programming 2., “Dynamic Web Publishing”	Thampi Jason Hunter Shelley Powers	Wiley Dreamtech Publication 2nd Ed. Techmedia, 1998
5.	Computer Based Optimization Techniques	Introduction to Operation Research 2.. Operation Research - an introduction	Gillet B.E. Taha, H.A	

J.S. University
MCA IV Semester

S.N.	Subject	Book Name	Author Name	Publisher Name
1.	Management Information Systems	1. Analysis and Design of Information. 2. Analysis and Design of Information Systems 3. "Introduction to Information System"	V. Rajaraman J.A. Senn Brian	System, Pearson Education, 1991 Tata McGraw-hill Education Pvt. Ltd.
2.	Web Technology	"HTML, DHTML, Java Script, Perl & CGI"	Ivan Bayross	BPB Publication
3.	Distributed system	Advanced Concept in Operating Systems	Singhal & Shivaratri	McGraw Hill
4.	Artificial Intelligence	"Artificial Intelligence"	Elaine Rich and Kevin Knight,	Tata McGraw-hill Education Pvt. Ltd.
5.	Mobile Computing	1 "Mobile Communications"	. J. Schiller	Addison Wesley

J.S. University
MCA V Semester

S.N.	Subject	Book Name	Author Name	Publisher Name
1	Computer Network	1.Computer Networks 2.Data Communication and Networking 3.Data and computer communications	A.S.Tanenbaum, Behrouz A.Forouzan, William stallings	Pearson Education Asia, 4th Ed. 2003. 3rd Ed. Tata McGraw Hill, 2004. Pearson education Asia, 7th Ed., 2002
2	Network Security & Cryptography	1.Networks Security Essentials: Application & Standards 2. Cryptography and Network Security, Principles and Practice	W. Stallings W.Stallings	Pearson Education, 2000. Pearson Education, 2000.
3	Software Engineering	Software Engineering: An Engineering Approach Software Engineering: A Practitioners Approach,	James Peter, W. Pedrycz R. S. Pressman,	James Peter, W. Pedrycz McGraw Hill.
4	Image Processing	1., Computer Graphics Principles& practice Digital Image Processing 2 nd Edition	Foley, Van Dam, Feiner, Hughes Rafael C. Gonzalvez and Richard E. Woods	Prentice Hall of India,1986 Pearson Education.
5	Software Testing	“Software Testing: Principles and Practices”	S. Desikan and G. Ramesh,	Pearson Education