

LEARNING AND INFORMATION RESOURCE CENTRE

CMPN Sem VII Books - Updated on 6th August 2021

Subject	Title	Author	Publications	No. of Existing Books in the Library
Digital Signal & Image Processing	Digital Signal Processing: Principles, Algorithms, and Applications	John G. Proakis, Dimitris and G.Manolakis,	4th Edition 2007, Pearson Education	52(4th edi.=37 and 3rd edi =15)
	Digital Signal Processing	A. Anand Kumar	, PHI Learning Pvt. Ltd. 2013	20
	Digital Image Processing', Pearson Education Asia,	Rafel C. Gonzalez and Richard E. Woods	Pearson Education Asia, 3rd Edition, 2009,	74(3rd edi=43, 2nd edi=30, 1 1st edi)
	Digital Image Processing	S. Sridhar	Oxford University Press, Second Edition, 2012.	5(2011)
	Digital Signal Processing: A Computer Based Approach	Sanjit Mitra	TataMcGraw Hill, 3rd Edition	11(2nd. ed.)
	Digital Signal Processing	S. Salivahanan, A. Vallavaraj, and C. Gnanapriya	Tata McGraw Hill Publication 1st Edition (2010)	6(2000);5(2001);5(2010);10(2011);20(2nd.ed.)
	Digital Image Processing	S. Jayaraman, E. Esakkirajan and T. Veerkumar	TataMcGraw Hill Education Private Ltd, 2009	25

ST.FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)  
SVP ROAD, MT.POINSUR, BORIVALI (WEST), MUMBAI 400103

	Fundamentals of Digital Image Processing	Anil K. Jain	Prentice Hall of India Private Ltd, 3rd Edition	9(1989); 1(2000);10(2002)
Mobile Communication & Computing	Mobile Communication	Jochen Schiller	Addision wisely, Pearson Education	20(2001); 21(2009)
	Wireless Communications & Networks,	William Stallings	Second Edition, Pearson Education	5(2004)
	Mobile Computing	Raj Kamal	2/e , Oxford University Press-New Delhi	20(2007); 13(2nd.ed. 2007)
	LTE Self-Organizing Networks (SON): Network Management Automation for Operational Efficiency	Seppo Hamalainen, Henning Sanneck , Cinzia Sartori,	Wiley publications	Nil
	An Introduction to LTE: LTE, LTE-Advanced, SAE and 4G Mobile Communications	Christopher Cox	Wiley publications	Nil
	Mobility Protocols and Handover Optimization: Design, Evaluation and Application	Ashutosh Dutta, Henning Schulzrinne	IEEE Press, Wiley Publication	Nil
	Build your own security lab,	Michael Gregg	Wiley India edition	Nil
	Emerging Wireless Technologies and the Future Mobile Internet	RAYCHAUD HURI, DIPANKAR	Cambridge	PG:3
	Wireless Communications	Andreas F.Molisch	Second Edition, Wiley Publications	5

ST.FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)  
SVP ROAD, MT.POINSUR, BORIVALI (WEST), MUMBAI 400103

Artificial Intelligence & Soft Computing	Artificial Intelligence A Modern Approach	Stuart J. Russell and Peter Norvig	Second Edition" Pearson Education	1(2002);30(2nd.ed.);1(3rd.ed.)
	Introduction to soft computing	Samir Roy and Chakraborty	Pearson Edition	2
	Principles of Soft Computing	S.N.Sivanandam, S.N.Deepa	Second Edition, Wiley Publication	UG:3(2003);12(2nd.ed.);PG:10(2nd.ed.)
	Neural Networks, Fuzzy Logic and Genetic Algorithms	S.Rajasekaran and G.A.VijayalakshmiPai	PHI Learning	25
	Artificial Intelligence and Intelligent Systems	N.P.Padhy	Oxford University Press	18
	Artificial Intelligence	Elaine Rich and Kevin Knight	Third Edition, Tata McGraw-Hill Education Pvt. Ltd., 2008	15(2nd.ed.)
	Neural Networks A Classroom Approach	Satish Kumar	Tata McGrawHill	10
	FUZZY SET THEORY AND ITS APPLICATIONS	Zimmermann H.S	"Kluwer Academic Publishers	UG:7;PG:5
	Neural Network Design	Hagan, Demuth, Beale	CENGAGE Learning, India Edition	6
	Neuro-Fuzzy and Soft Computing	J.-S.R.Jang	PHI 2003	UG:10(2015);10(2009);PG:8(2011)
	Introduction to Artificial Neural Systems	JacekM.Zurada	Jaico Publishing House	14
Advanced System Security and Digital	Computer Security: Principles and Practice	William Stallings	Sixth Edition, Pearson Education	2(2008)

ST.FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)  
SVP ROAD, MT.POINSUR, BORIVALI (WEST), MUMBAI 400103

ForensicsCSDL O7031 Laboratory/ Experimental Work	Security in Computing	Charles P. Pfleeger	Fifth Edition, Pearson Education	UG:23(3rd .ed.);32(4th.ed.);10(5th.ed.);PG:6(4th.ed.)
	Network Security and Cryptography	Bernard Menezes	Cengage Learning	25
	Network Security Bible	Eric Cole	Second Edition, Wiley	2
	Computer Security	Dieter Gollman	Third Edition, Wiley	5
	Digital Forensic	y Nilakshi Jain & Kalbande	Wiley	8
	Incident Response & Computer Forensics	Kevin Mandia, Chris Prosis	Wiley	3
	Cyber Security	Nina Godbole, Sunit Belapure	Wiley	UG:30;PG :11
	Build your own Security Lab	Michael Gregg	Wiley India	Nil
	CCNA Security, Study Guide	Tim Boyles	Sybex	Nil
	Web Application Hacker's Handbook	Dafydd Stuttard, Marcus Pinto	Wiley India	15
	Network Infrastructure Security, Randy Waver	Dawn Weaver	Cengage Learning	Nil
Big Data AnalyticsCSDL O7032	Anand Rajaraman and Jeff Ullman	Mining of Massive Datasets	Cambridge University Press,	25
	Hadoop in Practice	Alex Holmes	Manning Press, Dreamtech Press.	20
	Making Sense of NoSQL – A guide for managers and the rest of us	Dan Mcary and Ann Kelly	Manning Press	17

ST.FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)  
SVP ROAD, MT.POINSUR, BORIVALI (WEST), MUMBAI 400103

	Taming The Big Data Tidal Wave: Finding Opportunities In Huge Data Streams With Advanced Analytics	Bill Franks	Wiley	17
	Hadoop in Action	Chuck Lam	Dreamtech Press	
	Big Data, Data Mining, and Machine Learning: Value Creation for Business Leaders and Practitioner	Jared Dean	Wiley India Private Limited, 2014	17
	Data Mining: Concepts and Techniques	Jiawei Han and Micheline Kamber	Morgan Kaufmann Publishers, 3rd ed, 2010	UG:6(2004);9(2005);20(2nd.ed.);30(3rd.ed.);PG:3(3rd.ed.)
	Data Mining and Knowledge Discovery Handbook	Lior Rokach and Oded Maimon,	Springer, 2nd edition, 2010.	Nil
	The Text Mining Handbook: Advanced Approaches in Analyzing Unstructured Data	Ronen Feldman and James Sanger	Cambridge University Press, 2006	Nil
	Learning and Soft Computing	Vojislav Kecman	MIT Press, 2010	Nil
RoboticsCSDL O7033	Introduction Robotics - Analysis, Control, Applications	Saeed B. Niku,	Second Edition, Wiley India.	Nil
	INTRODUCTION TO ROBOTICS. ANALYSIS, SYSTEMS, APPLICATIONS.	Saeed B. Niku,	PEARSON EDUCATION ASIA	3(2002)
	Fundamentals of Robotics – Analysis and Contro	Robert J. Schilling	Pearson	3(1990)

ST.FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)  
SVP ROAD, MT.POINSUR, BORIVALI (WEST), MUMBAI 400103

	Introduction to AI robotics	Robin Murphy	, PHI	13
	Robotics Technology and Flexible Automation	S. R. Deb	TMH	Nil
	Artificial Intelligence	Rich, Knight and Nair	TMH	Nil
	Introduction to Fuzzy Sets	M Ganesh	PHI	Nil
	Robotics – Control, Sensing, Vision, and Intelligence	K. S. Fu, R. C. Gonzalez, C. S. G. Lee	Tata McGraw Hill	10
	Principles of Robot Motion – Theory, Algorithms and Implementation	Howie Choset, Lynch	PHI	Nil
	Introduction to Fuzzy Logic using Matlab	: S.N.Sivanandam, S.N.Deepa, P Sumathi	Springer Publications	Nil
Product Life Cycle Management ILO 7011	Product Lifecycle Management: Paradigm for 21st Century Product Realisation	John Stark	Springer-Verlag, 2004. ISBN: 1852338105	Nil
	Product Design for the environment-A life cycle approach	Fabio Giudice, Guido La Rosa, Antonino Risitano	Taylor & Francis 2006, ISBN: 0849327229	Nil
	Product Life Cycle Management	Saaksvuori Antti, Immonen Anselmie,	Springer, Dreamtech, ISBN: 3540257314	Nil
	Product Lifecycle Management: Driving the next generation of lean thinking	Michael Grieve	Tata McGraw Hill, 2006, ISBN: 0070636265	Nil
Reliability Engineering ILO 7012	Reliability Engineering	L.S. Srinath	Affiliated East-West Press (P) Ltd., 1985	Nil

ST.FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)  
SVP ROAD, MT.POINSUR, BORIVALI (WEST), MUMBAI 400103

	Reliability and Maintainability Engineering	Charles E. Ebeling	Tata McGraw Hill.	Nil
	Engineering Reliability	B.S. Dhillion, C. Singh	John Wiley & Sons, 1980.	Nil
	Practical Reliability Engg	P.D.T. Conor	John Wiley & Sons, 1985	Nil
	Reliability in Engineering Design	K.C. Kapur, L.R. Lamberson	John Wiley & Sons	Nil
	Probability and Statistics	Murray R. Spiegel	Tata McGraw-Hill Publishing Co. Ltd.	Nil
Management Information System ILO 7013	Management Information Systems: MOVING BUSINESS FORWARD	Kelly Rainer, Brad Prince, WATSON, HUGH	Wiley	UG:10, PG :2
	Management Information Systems: Managing the Digital Firm	K.C. Laudon and J.P. Laudon,	10th Ed., Prentice Hall, 2007	7(2007)
	Managing Information Systems: Strategy and Organization	D. Boddy, A. Boonstra	Prentice Hall, 2008	Nil
Design of Experiments ILO 7014	Response Surface Methodology: Process and Product Optimization using Designed Experiment,	Raymond H. Mayers, Douglas C. Montgomery, Christine M. Anderson-Cook	3rd edition, John Wiley & Sons, New York, 2001	Nil
	Design and Analysis of Experiments	D.C. Montgomery	5th edition, John Wiley & Sons, New York, 2001	2
	Statics for Experimenters: Design, Innovation and Discovery	George E P Box, J Stuart Hunter, William G Hunter	2nd Ed. Wiley	Nil

ST.FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)  
SVP ROAD, MT.POINSUR, BORIVALI (WEST), MUMBAI 400103

	Practical Experiment Designs for Engineers and Scientists	W J Dimond	John Wiley and Sons Inc. ISBN: 0-471-39054-2	Nil
	Design and Analysis of Experiments (Springer text in Statistics)	A.M. Dean, and D. T.Voss	Springer	Nil
Operations Research ILO 7015	Operations Research - An Introduction	Taha, H.A	Prentice Hall, (7th Edition), 2002	UG:1(1999);6(6th.ed.);PG:7(9th.ed.)
	Operations Research: Principles and Practice	Ravindran, A, Phillips, D. T and Solberg, J. J	John Willey and Sons, 2nd Edition, 2009	Nil
	"Introduction to Operations Research	Hiller, F. S. and Liebermann, G. J	Tata McGraw Hill, 2002.	PG:5(9th.ed.)
	Operations Research	S. D. Sharma	, KedarNath Ram Nath-Meerut	6
	Operations Research	KantiSwarup, P. K. Gupta and Man Mohan	Sultan Chand & Sons	5(2007);2(19th.ed.)
Cyber Security and Laws ILO 7016	Cyber Security	Nina Godbole, Sunit Belapure	Wiley India, New Delhi	UG:30;PG :11
	The Indian Cyber Law	Suresh T. Vishwanathan	Bharat Law House New Delhi	10(2nd.ed.)
	The Information technology Act, 2000; Bare Act		- Professional Book Publishers, New Delhi	
	INFORMATION TECHNOLOGY ACT, 2000	TAXMANN	TAXMANN ALLIED SERVICES	1
	Cyber Law & Cyber Crimes	Advocate Prashant Mali	Snow White Publications, Mumbai	Nil

ST.FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)  
SVP ROAD, MT.POINSUR, BORIVALI (WEST), MUMBAI 400103

	Information Systems Security SECURITY MANAGEMENT, METRICS, FRAMEWORKS AND BEST PRACTICES	Nina Godbole	Wiley India, New Delhi	UG:3;PG:5
	Cyber Security & Global Information	Kennetch J. Knapp	Assurance Information Science Publishing.	Nil
	Cryptography and Network Security: PRINCIPLES AND PRACTICE	William Stallings	Pearson Publication	UG:1(2nd .ed.);10(3rd .ed.);26(4th .ed.);16(5th .ed.);10(6th .ed.);PG:8(5th .ed.)
Disaster Management and Mitigation Measures ILO 7017	Disaster Management	Harsh K.Gupta	Universities Press Publications	PG:2
	Disaster Management: An Appraisal of Institutional Mechanisms in India	O.S.Dagur	Centre for land warfare studies, New Delhi, 2011	Nil
	Introduction to International Disaster Management	Damon Copolla	Butterworth Heinemann Elsevier Publications	PG:1
	Disaster Management Handbook	Jack Pinkowski	CRC Press Taylor and Francis group	Nil
	Disaster management & rehabilitation	Rajdeep Dasgupta	Mittal Publications, New Delhi	Nil
	Natural Hazards and Disaster Management, Vulnerability and Mitigation	R B Singh	Rawat Publications	PG:1

ST.FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)  
SVP ROAD, MT.POINSUR, BORIVALI (WEST), MUMBAI 400103

	Concepts and Techniques of GIS	C.P.Lo Albert, K.W. Yongng	Prentice Hall (India) Publications	Nil
Energy Audit and Management ILO 7018	Handbook of Electrical Installation Practice	Geofry Stokes	Blackwell Science	1(4th. ed. )
	Designing with light: Lighting Handbook	Anil Valia	Lighting System	Nil
	Energy Management Handbook	W.C. Turner	John Wiley and Sons	1(9th. ed. )
	Handbook on Energy Audits and Management	A. K. Tyagi	Tata Energy Research Institute (TERI).	Nil
	Energy Management Principles	C.B.Smith,	Pergamon Press	Nil
	Energy Conservation Guidebook	Dale R. Patrick, S. Fardo, Ray E. Richardson	Fairmont Press	Nil
	Handbook of Energy Audits	Albert Thumann, W. J. Younger, T.	Niehus, CRC Press	Nil
Development Engineering ILO 7019	ITPI, Village Planning and Rural Development,		ITPI, New Delhi	Nil
	Human Settlements	Thooyavan, K.R	: A 2005 MA Publication, Chennai	Nil
	GoI, Constitution (73rd GoI, New Delhi Amendment) Act		, GoI, New Delhi	Nil
	Planning Commission, Five Year Plans	Planning Commission		Nil
	Planning Commission, Manual of Integrated District Planning		2006, Planning Commission New Delhi	Nil
	Planning Guide to Beginners			Nil
	The Urban Complex	Weaver, R.C	, Doubleday	Nil

ST.FRANCIS INSTITUTE OF TECHNOLOGY (ENGINEERING COLLEGE)  
SVP ROAD, MT.POINSUR, BORIVALI (WEST), MUMBAI 400103

	Ethics in Planning	Farmer, W.P. et a	American Planning Association, Washington	Nil
	Normative Ethics in Planning, Journal of Planning Literature, Vol.5, No.2, pp. 123- 150.	How, E		Nil
	Conflicting Rationalities: -- Implications for Planning Theory and Ethics, Planning Theory andPractice, Vol. 4, No.4, pp.395 – 407	Watson, V		Nil