

LEARNING AND INFORMATION RESOURCE CENTRE

INFT Sem V Books - Updated on July 2022

Subject	Title	Author	Publications	No. of Existing Books in the Library
Internet Programming (ITC501)	Rediscovering JavaScript, Master ES6, ES7, and ES8,	Venkat Subramaniam		NIL
	Learning React Functional Web Development with React and Redux	Alex Banks and Eve Porcello	O'Reilly	10
	Learning Redux	Daniel Bugl	Packt	2
	Learning Node.js Development	Andrew Mead	Packt	2
	RESTful Web API Design with Node.js 10	Valentin Bojinov	Packt	2
	Web Development with Node and Express	Ethan Brown	O'Reilly	NIL
	Computer Network Security (ITC502)	Cryptography and Network Security, Principles and Practice, 6th Edition	William Stallings	Pearson
Cryptography & Network Security		Behrouz A. Ferouzan	Tata McGraw Hill	35
Mark Stamp's Information Security Principles and Practice			Wiley	41
Cryptography & Network Security		Bernard Menezes	Cengage	25
Applied Cryptography, Protocols, Algorithms and Source Code in C		Bruce Schneier	Wiley	3 (PG Section)

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	Cryptography and Network Security	Atul Kahate	Tata McGraw Hill	11
Entrepreneurship and E-business (ITC503)	Entrepreneurship	Robert Hisrich, Michael Peters	Tata McGraw Hill	NIL
	Entrepreneurship: New venture creation	David Holt	Prentice Hall	1
	E- Business & E-Commerce Management: Strategy, Implementation, Practice	Dave Chaffey	Pearson	60
	E-commerce – A Managerial Perspective	P. T. Joseph	Prentice Hall	13
	Entrepreneurship and Innovations in E-business An Integrative Perspective	Fang Zhao	Idea Group	NIL
	Business Driven Technology	Haag/Baltzan/Philips	Tata McGraw Hill	NIL
	Digital Business and E-commerce Management	Dave Chaffey, David EdmundsonBird, Tanya Hemphill	Pearson	NIL
	E-Business 2.0 Roadmap for Success	Dr. Ravi Kalakota, Marcia Robinson	Pearson	NIL
	Case Studies in International Entrepreneurship: Managing and Financing Ventures in the Global Economy	Walter Kuemmerle, Walter Kuemmerle	McGraw-Hill/Irwin	NIL
Software Engineering (ITC504)	Software Engineering: A practitioner's approach	Roger S. Pressman	McGraw-Hill	97
	Fundamentals of Software Engineering	Rajib Mall	Prentice Hall	6

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	An integrated approach to Software Engineering	PankajJalote	Springer/Narosa	8
	Software Engineering	Ian Sommerville	Addison-Wesley	31
IP Lab (ITL501)	HTML 5 Black Book (Covers CSS3, JavaScript, XML, XHTML, AJAX, PHP, jQuery) 2Ed.		DT Editorial Services	NIL
	Learning React Functional Web Development with React and Redux	Alex Banks and Eve Porcello	O'Reilly	NIL
	Learning Node.js Development	Andrew Mead	Packt	NIL
Security Lab (ITL502)	Build your own Security Lab	Michael Gregg	Wiley India	NIL
	CCNA Security, Study Guide	Tim Boyles	Sybex	NIL
	Hands-On Information Security Lab Manual, 4th edition	Andrew Green, Michael Whitman, Herbert Mattord		NIL
	The Network Security Test Lab: A Step-by-Step Guide Kindle Edition	Michael Gregg		NIL
	Network Security Bible	Eric Cole	Wiley India	2
	Network Defense and Countermeasures	William (Chuck) Easttom		NIL

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	Principles of Information Security + Hands-on Information Security Lab Manual, 4th Ed.	E. Whitman , Herbert J. Mattord		First Title: 1 (UG) and 3 (PG)
DevOPs Lab (ITL503)	DevOps Bootcamp		Syngen Learning	NIL
	Docker: Up and Running	Karl Matthias & Sean P. Kane	O'Reilly	NIL
	DevOps, A Software Architects Perspective	Len Bass,Ingo Weber,Liming Zhu	AddisonWesl eyPearson	NIL
	Jenkins, The Definitive Guide	John Ferguson Smart	O'Reilly	NIL
	Mastering Puppet 5: Optimize enterprise- grade environment performance with Puppet	Ryan Russell- Yates	Packt	NIL
	DevOps for Dummies	Sanjeev Sharma and Bernie Coyne	Wiley	NIL
	DevOps for Developers	Httermann, Michael	Apress	NIL
	Practical DevOps	Joakim Verona	Packt	NIL
	Puppet 5 Essentials - Third Edition: A fast- paced guide to automating your infrastructure	Martin Alfke	Packt	NIL
Advance DevOps Lab (ITL504)	AWS Certified SysOps Administrator Official Study Guide: Associate Exam	Stephen Cole , Gareth Digby , Chris Fitch , Steve Friedberg , Shaun Qual		NIL
	AWS Certified Solutions Architect Official Study Guide: Associate Exam	Joe Baron		NIL
	Terraform: Up & Running - Writing	Yevgeniy Brikman	O'Reilly	NIL

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	Infrastructure as Code, Second Edition			
	Kubernetes: Up and Running - Dive into the Future of Infrastructure, Second Edition	Brendan Burns	O'Reilly	NIL
	Going Serverless with AWS Lambda: Leveraging the latest services from the AWS cloud	Ajay Pherwani	Shroff/X-Team	NIL
	Learning Nagios		Packt	NIL
	Learning Aws - Second Edition: Design, build, and deploy responsive applications using AWS	Amit Shah, Aurobindo Sarkar		NIL
	Mastering Aws Lambda	Yohan Wadia Udita Gupta		NIL
Professional Communication & Ethics-II (PCE-II) (ITL505)	Humanities for the engineering curriculum: With selected chapters from Olsen/Huckin: Technical writing and professional communication	Arms, V. M.	second edition. Boston, MA: McGraw-Hill. (2005)	NIL
	Business communication today. Upper Saddle River	Bovée, C. L., &Thill, J. V. (2021).	Upper Saddle River NJ: Pearson	NIL
	Verbal communication: Soft skills for a digital workplace	Butterfield, J. (2017).	Boston, MA: Cengage Learning.	NIL
	Personal development for life and work	Masters, L. A., Wallace, H. R., & Harwood, L. (2011).	Mason: South-Western Cengage Learning	16

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	Introducing Personal development for life and work (not mentioned in syllabus)	Masters, L. A., Wallace, H. R., & Harwood, L. (2011).		13
	Organizational behaviour	Robbins, S. P., Judge, T. A., & Campbell, T. T. (2017).	Harlow, England: Pearson.	13
	Technical Communication, Principles and Practice	Meenakshi Raman, Sangeeta Sharma (2004)	Oxford University Press	5 (older editions available)
	Tests of Aptitude for Placement Readiness	Archana Ram (2018) Place Mentor,	Oxford University Press	NIL
	Communication Skills a workbook	Sanjay Kumar & PushpLata (2018).	New Delhi: Oxford University Press.	NIL
	Communication Skills (not mentioned in syllabus)	Sanjay Kumar & PushpLata (2011).		11
Microcontroller Embedded Programming (ITDO5011)	The 8051 microcontroller & Embedded systems Using Assembly and C -3rd ed	M. A. Mazidi, J. G. Mazidi, R. D., McKinlay	Pearson	40
	Embedded / real – time systems: concepts, design & programming, Black Book	Dr. K. V. K. K. Prasad	Dreamtech	11
	Introduction to embedded systems	Shibu K. V	McGraw Hill	5
	ARM System on chip Architecture - 2nd	Steve Furber	Pearson	10 (5 - 2nd ed)
	Embedded systems an integrated approach - 3rd impression	Laya B. Das	Pearson	10

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	Embedded Systems, Architecture, program and Design	Rajkamal		12
	Raspberry Pi Cookbook	Simon Monk	O'reilly	10
	Getting Started with Arduino: The Open Source Electronics Prototyping Platform (Make)	Massimo Banzi	O'Reilly	12
Advance Data Management Technologies (ITDO5012)	Database System Concepts	Korth, Siberchatz, Sudarshan,	6th Edition, McGraw Hill	50
	Fundamentals of Database Systems	Elmasri and Navathe,	5th Edition, Pearson Education	88
	Data Warehousing	Theraja Reema	Oxford University Press	22
	Database Management Systems	Raghu Ramkrishnan and Johannes Gehrke,	TMH	32
	Data Warehousing: Fundamentals for IT Professionals	Paulraj Ponniah,	Wiley India	21
	The Data Warehouse Toolkit: The Definitive Guide to Dimensional Modeling", 3rd Edition	Ralph Kimball, Margy Ross	Wiley India	3
	Data Mining Concepts and Techniques - 3rd ed	Han, Kamber,	Morgan Kaufmann 2nd edition	66
	Database Systems Design, Implementation and Management - 9th ed	Peter Rob and Carlos Coronel,	Thomson Learning, 5th Edition.	8
Computer Graphics &	Computer Graphics C version", 2nd Edition	Hearn & Baker	Pearson	35

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Multimedia System (ITDO5013)	Computer Graphics Principles and Practice in C”, 2 ndEdition	James D. Foley, Andries van Dam, Steven K Feiner, John F. Hughes	Pearson	8
	Computer Graphics	Rajesh K. Maurya	Wiley India	10
	Multimedia System Design	Prabhat K. Andleigh& Kiran Thakrar	PHI	18
	Fundamentals of Multimedia	Ze-Nian Li & Mark S. Drew	PHI	13
	Procedural Elements for Computer Graphics	D. Rogers	Tata McGraw Hill	25
	Computer Graphics	Samit Bhattacharya	Oxford	10
	Multimedia Communication Systems: Techniques, Standards & Networks	K. R. Rao, Zoran S. Bojkovic & Dragorad A. Milovanovic	TMH	2
	Multimedia Systems	K. Buford	PHI	14
Advanced Data structure and Analysis (ITDO5014)	Introduction to Algorithms	Cormen, Leiserson, Rivest, Stein	PHI	26
	Algorithms: Design and Analysis	Harsh Bhasin	Oxford	20
	Fundamentals of Computer Algorithms	Horowitz, Sahani, Rajsekar	Universities Press	26
	C and Data structures	Deshpande, Kakde	Dreamtech	17
	Data Structures and Algorithms in C++	Goodritch, Tamassia, Mount	Wiley India	5
	Data Structures using C	Reema Thareja	Oxford	50
	Data Structures and Algorithm Analysis in C	Mark A. Weiss	Pearson	5
	Optimization Algorithms and Applications	Rajesh Kumar Arora	Chapman and Hall	NIL