

LEARNING AND INFORMATION RESOURCE CENTRE

INFT Sem IV Books - Updated on January 15<sup>th</sup> 2022

SUBJECT	TITLE OF THE BOOK	AUTHOR	PUBLISHER	No.of Existing Books
Engineering Mathematics-IV(ITC401)	Advanced Engineering Mathematics	Erwin Kreyszig	Wiley Eastern Limited	13
	Advanced Engineering Mathematics	R. K. Jain and S. R. K. Iyengar	Narosa publication	0
	Complex Variables and Applications,	Brown and Churchill	McGrawHilleducation	10=6th ed.(6 ); 8th ed. (4)
	Probability, Statistics and Random Processes	T. Veerarajan	McGraw-Hill education	24(2nd Edi)
	Operations Research: An Introduction	Hamdy A Taha	Pearson	07=6 Edi.(6),1(1999)
	Engineering Optimization: Theory and Practice	S.S Rao	Wiley-Blackwell	08(3rd Edi)
	Operations Research	Hira and Gupta	S. Chand Publication	12
Computer Network and Network Design(ITC402)	Computer Networks	Andrew S Tanenbaum	4th Edition, Pearson Education	65(49 copies of 4th Edi)
	Data Communications and Networking	Behrouz A. Forouzan	,4th Edition,McGraw Hill education	75(46 Copies of 4th Edi)
	An Engineering Approach to Computer Networks	S. Keshav	2nd Edition, Pearson Education	8
	TCP/IP Protocol Suite	B. A. Forouzan	Tata McGraw Hill edition, Third Edition	29(2nd Edi=08 copies,3rd Edi=11 Copies,4th Edi =10

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	Information Theory, Coding and Cryptography	Ranjan Bose	Tata McGrawHill , Second Edition	07=02, 05 2nd Edi
	Introduction to Data Compression	Khalid Sayood	Third Edition, Morgan Kaufman	20=(2nd Edi=09, 3rd Edi=10, 4th Edi=01)
Operating System(ITC403)	Operating System Concepts	A. Silberschatz, P. Galvin, G. Gagne	10th ed., Wiley, 2018	PG:3(8th ed.);UG:1 0(6th ed.);8th ed.(61)
	Operating Systems: Internal and Design Principles	W. Stallings	9th ed., Pearson, 2018	41
	Modern Operating Systems	A. Tanenbaum	4th ed., 2015	44
	Principles of Operating Systems	N. Chauhan	1st ed., Oxford University Press, 2014	0
	Operating System Design and Implementation	A. Tanenbaum and A. Woodhull	3rd ed., Pearson	2 ed. (6)3rd ed.Nil
	Operating Systems: Three Easy Pieces	R. Arpaci- Dusseau and A. Arpaci-Dusseau	CreateSpace Independent Publishing Platform, 1st ed., 2018	0
	Automata Theory(ITC404)	Introduction to languages and the Theory of Computation	J.C.Martin	TMH
Theory of Computation A Problem Solving Approach		Kavi Mahesh	Wiley India	18

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	Compilers Principles, Techniques and Tools	A. V. Aho, R. Shethi, Monica Lam , J.D. Ulman	Pearson Education.	30
	Introduction to Automata Theory Languages and Computation	John E. Hopcroft, Rajeev Motwani, Jeffrey D. Ullman	Pearson Education	37
	Introduction to Computer Theory	Daniel I.A. Cohen	John Wiley & Sons	3
	Theory of Computation	Vivek Kulkarni	Oxford University	20
	Theory of Computer Science, Automata Languages & Computations	N.Chandrashekh ar, K.L.P. Mishra	PHI publications.	3
	Systems Programming	J. J. Donovan	TMH	30
Computer Organization and Architecture(IT C405)	Modern Digital Electronics	R. P. Jain	TMH	86
	Digital Logic and Computer Design	M. Morris Mano	PHI	19
	Computer Organization	Carl Hamacher, Zvonko Vranesic and Safwat Zaky	Tata McGraw-Hill	21 (4th Edi 8 copies , 5th Edi 13 copies )
	Computer Organization and Architecture: Designing for Performance	William Stallings	Eighth Edition,, Pearson	50
	8086/8088 family: Design Programming and Interfacing	John Uffenbeck	Pearson Education	21
	Fundamentals of Digital Circuits	A. Anand Kumar,	PHI	17

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	Digital Principals & Applications	Donald P Leach, Albert Paul Malvino	TMH	31
	Computer Architecture and Organization: Design Principles and Applications	B. Govindarajulu	Tata McGraw-Hill	21
	Computer System Architecture and Organization	Dr. M. Usha, T. S. Srikanth	First Edition Wiley-India	3
	Computer Architecture and Organization	John P. Hayes	McGraw-Hill	28
	Advanced Microprocessors & Peripherals	K Bhurchandi	Tata McGraw-Hill Education	20
Network Lab(ITL401)	Computer Network Simulation in NS2 Basic Concepts and Protocol Implementation	Prof Neeraj Bhargava, Pramod Singh Rathore,Dr.Ritu Bhargava,Dr.Ab hishek Kumar	First Edition.BPB Publication	0
	Packet analysis with Wire shark	Anish Nath	PACKT publishing	0
	TCP/IP Protocol Suite	Behrouz A. Forouzan	4th Edition	29(2nd Edi=08 copies,3rd Edi=11 Copies,4t h Edi =10
	NS2.34 Manual			0
	Practical Packet Analysis: Using Wireshark to Solve Real-World Network Problems	Chris Sanders		0
Unix Lab(ITL402)	Unix Concepts and Applications	S. Das	4th ed., McGraw Hill, 2017	3 ed. (4);2nd

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				ed.(2);4th ed.Nil
	Mastering Unix Shell Scripting	R. Michael	2nd ed., Wiley, 2008	0
	Linux Labs and Open Source Technologies	D. Ambawade, D. Shah	Dreamtech Press, 2014	25
	Unix Shell Programming	Y. Kanetkar	BPB Publications, 2003	2
	Unix and Shell Programming	B. Forouzan and R. Gilberg	Cengage Learning, 2003.	0
Microprocessor Lab(ITL403)	Upgrading and repairing PCs	Scott Mueller	Pearson	0
	Modern Digital Electronics	R. P. Jain	Tata McGraw Hill	86
	8086/8088 family: Design Programming and Interfacing	John Uffenbeck	Pearson Education	21
	Digital Logic and computer Design	M. Morris Mano	PHI	19
	Advanced Microprocessors & Peripherals	K Bhurchandi	Tata McGraw-Hill Education	20
Python Lab (SBLTL404)	Core Python Programming	Dr. R. Nageswara Rao	Dreamtech Press, Wiley Publication	35
	Programming through Python	M. T. Savaliya , R. K. Maurya	StarEdu Solutions	0
	Introduction to computing and problem-solving using python	E Balagurusamy	McGraw Hill Publication	20
	Learn Python 3 the Hard Way	Zed A. Shaw	Zed Shaw's Hard Way Series	0
	Python: The Complete Reference	Martin C. Brown	McGraw-Hill Publication	1
	Head First Python	Paul Barry	2nd Edition, O'Reilly Media, Inc	1(Year 2011)

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