

**Book Chapter**

Sr. No.	Name of Book Chapter	Authors	Publisher Details	Date of Publish
<b>Department of Computer Engineering</b>				
1	Improved Feature Matching Approach for Detecting Copy-Move Forgery and Localization of Digital Images	Vanita Mane	Springer Nature Singapore	2/29/2020
2	Inventive Communication and Computational Technologies	Jatin Gharat, Amarsinh Vidhate, Amit Barve	Springer Singapore	1/2/2020
3	A survey of various cryptographic techniques: From Traditional cryptography to Fully Homomorphic Encryption	Rashmi Dhumal	Springer	6/1/2019
4	Big Data Summarization using modified fuzzy clustering algorithm, Semantic feature and Data Compression	Shilpa Kolte	CRC press	5/29/2019
5	Security Aspects in Cloud Computing	Tabassum M.	IGI Global Publication	1/20/2017
6	A Novel Methodology to filter out unwanted messages from OSN Users wall using Trust Value Calculations	Tushar Ghorpade, Vimla Jethani	Springer	1/1/2016
<b>Department of Information Technology</b>				
7	Inventive Communication and Computational Technologies, Title: "Survey of Different Countermeasure on Network Layer Attack in Wireless Network", pp 61-70, DOI: 10.1007/978-981-15-0146-3_7 Print ISBN 978-981-15-0145-6	Amruta Chavan ,Dipti Jadhav, Nilesh Marathe, Nilima Dongre	Springer	1/30/2020
8	Advances in Intelligent Systems and Computing, Computing in Engineering and Technology, ISBN 978-981-329-515-5 DOI: 10.1007/978-981-32-9515-5	Kshipra Tatkare, Dr. Manoj Devare	Springer	10/1/2020

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9	Intelligent Communication Technologies and Virtual Mobile Networks, Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 33) . DOI: 10.1007/978-3-030-28364-3, Softcover ISBN: 978-3-030-28363-6, Title: "RTMDC for Effective Cloud Data Security", Pages 64-73	Nilima Dongre, Pankaj Verma, Vijaylaxmi Bittal	Springer International Publishing	1/20/2020
10	Intelligent Data Communication Technologies and Internet of Things, ISBN-13: 978-3030340797, ISBN-10: 3030340791 , Title: " Biometric Authentication In Cloud", pp.245-254;	Nilima Dongre, Kshitij Pimpale	Springer	1/1/2020
11	Innovative Teaching Practices for 4G Students	Dr. Ashish Jadhav	IOR International Press	8/1/2019
12	Handbook on Big Data Clustering and Machine Learning, ISBN13: 9781799801061 An Overview of Methodologies and Challenges in Sentiment Analysis on Social Networks DOI: 10.4018/978-1-7998-0106-1.ch010	Aditya Salunke and Pallavi Chavan	IGI Global	1/11/2019
13	Computing, Communication and Signal Processing, DOI: 10.1007/978-981-13-1513-8, ISBN: 978-981-13-1512-1, "Public Auditing for Shared Data in Cloud Storage with an Effective User Dismissal", : Pages 97-104	Nilima Dongre, Samundiswary S	Springer Singapore	1/24/2018
<b>Department of Electronics Engineering</b>				
14	Advances in Telemedicine for Health Monitoring technologies, design and application.	Gajanan Birajdar, Vishwesh Vyawahare, Smitha Raveendran, Pooja Patil	IET, UK	May-20
15	Fractional Calculus and Fractional Differential Equations	Pratik Kadam, Gaurav datkhile, Vishwesh Vyawahare	Birkhäuser, Singapore	Dec-19

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16	Cryptographic and Information Security Approaches for Images and Videos	Gajanan Birajdar, Vishwesh Vyawahare, Mukesh Patil	CRC Press, Taylor and Francis Group	Dec-18
17	Current Trends in Fractional Calculus and Fractional Differential Equations.	Vishwesh Vyawahare, Pratik Kadam, Gaurav Datkhile	Springer Nature Singapore	Sep-18
18	Fractional Order Systems: Optimization, Control, Circuit Realizations and Applications.	Vishwesh Vyawahare, Ujjwala Thakar, Vrunda Joshi, Utkal Mehta	Elsevier	Aug-18
<b>Department of Electronics and Telecommunication Engineering</b>				
19	Resolving Unfairness Issues in Cognitive Radio Networks with Collision Based Primary Users	Chaitali Chaudhari, Hemlata Patil, Sujata Kadam	Springer Link	1/22/2020
20	Secure and Robust ECG Steganography using Fractional Fourier Transform	Gajanan K. Birajdar, Vishwesh A. Vyawahare and Mukesh D. Patil	CRC Press, Taylor and Francis Group	12/7/2018
21	GPU Computing of Special Mathematical Functions used in Fractional Calculus	Parag Patil, Navin Singhania, Chaitanya Jage, Vishwesh A. Vyawahare, Mukesh D. Patil and P. S. V. Nataraj	Frontiers in Fractional Calculus, Pages 199-232, Volume-I, Springer	3/19/2018
22	Modelling for Spectral Domain Optical Coherence Tomography (SD-OCT) System	Choudhari S., Patil M. D., Makkar R.	Springer, Singapore.	9/23/2017
23	Analysis of Model Predictive Control for Fractional-order System	Mandar M. Joshi, Vishwesh A. Vyawahare and Mukesh D. Patil	Springer-Verlag	1/15/2016

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24	Reliable and Robust Automated Synthesis of QFT Controller for Nonlinear Magnetic Levitation System Using Interval Constraint Satisfaction Techniques	P.S.V. Nataraj and Mukesh D. Patil	Constraint Programming and Decision Making, Springer International Publishing, Volume 539, pages 131-135	1/15/2014
<b>Department of Instrumentation Engineering</b>				
25	Automated Heart Rate Measurement Using Wavelet Analysis of Face Video Sequences	Amruta V. More, Asmita Wakankar and Jayanand P. Gawande	Springer	1/13/2019
26	Heart Sound Signal Analysis and Its Implementation in VHDL	Anjali S. Patil, Jayanand P. Gawande and Ajinkya Bankar	Springer	1/13/2019