

Book & Chapter 2023-24

Book Published

Subhankar Joardar	Santanu Koley, Subhabrata Barman, Subhankar Joardar (Eds.), "Novel Research and Development Approaches in Heterogeneous Systems and Algorithms", ISBN13: 9781668475249, (IGI Global), (2023)
Pinaki Pratim Acharjya	Santanu Koley, Pinaki Pratim Acharjya , "Vehicle Tracking Method by Android Application: A Practical Approach, LAMBERT Academic Publishing, ISBN: 978-620-6-78017-5, 2023-08-25.
Pinaki Pratim Acharjya	Tuhin Kumar Bera, Pinaki Pratim Acharjya , Santanu Koley, "Human Activity Recognition Using Deep Learning, Publisher: LAMBERT Academic Publishing, ISBN: 978-620-6-76744-2, 2023-08-12.
Dr Sabyasachi Pramanik	Sabyasachi Pramanik , Sandip Roy, Rajesh Bose, Data Driven Mathematical Modeling in Agriculture: Tools and Technologies, River Publishers, 2024, ISBN: 9788770040990, https://ieeexplore.ieee.org/servlet/opac?bknumber=10422894
SUBHABRATA BARMAN	Santanu Koley, Subhabrata Barman , Subhankar Joardar (Eds.), "Novel Research and Development Approaches in Heterogeneous Systems and Algorithms", ISBN13: 9781668475249, (IGI Global), (2023)
Dr. Santanu Koley	Santanu Koley , Pinaki Pratim Acharjya, "Vehicle Tracking Method by Android Application: A Practical Approach, LAMBERT Academic Publishing, ISBN: 978-620-6-78017-5, 2023-08-25.
Dr. Santanu Koley	Tuhin Kumar Bera, Pinaki Pratim Acharjya, Santanu Koley , "Human Activity Recognition Using Deep Learning, Publisher: LAMBERT Academic Publishing, ISBN: 978-620-6-76744-2, 2023-08-12.
Dr. Santanu Koley	Santanu Koley , Subhabrata Barman, Subhankar Joardar (Eds.), "Novel Research and Development Approaches in Heterogeneous Systems and Algorithms", ISBN13: 9781668475249, (IGI Global), (2023)
Arpita Mazumdar	Arpita Mazumdar , Co author of Book titled "Crack Campus Placements", First Edition, ISBN 978-93-5747-811-3, Publication month/year February 2024, published by Iterative International Publishers

Book Chapter Published

Name of the faculty	Book Chapter
Dr Subhankar Joardar	Pinaki Pratim Acharjya, Subhankar Joardar , Santanu Koley, Subhabrata Barman, "A Study on Evaluation and Analysis of Edge Detection Operators", Source Title: Meta-Learning Frameworks for Imaging Applications, Sepember 2023, pp. 65 -102, IGI Global, DOI: 10.4018/978-1-6684-7659-8.ch004
Dr. Pinaki Pratim Acharjya	Santanu Koley, Pinaki Pratim Acharjya (2023), "Security Enhancement in Cloud and Edge Computing through Blockchain Technology", in Blockchain and IOT Based Smart Healthcare, ISBN (Online): 978-981-5196-29-0, ISBN (Print): 978-981-5196-30-6, ISBN (Paper Back): 978-981-5196-31-3, pp. 150-173, Bentham Science Publications, Singapore, February, 2023. DOI:10.2174/97898151962901240101
Dr. Pinaki Pratim Acharjya	Pinaki Pratim Acharjya , Subhankar Joardar, Santanu Koley, Subhabrata Barman, "A Study on Evaluation and Analysis of Edge Detection Operators", Source Title: Meta-Learning Frameworks for Imaging Applications, Sepember 2023, pp. 65 -102, IGI Global, DOI: 10.4018/978-1-6684-7659-8.ch004
Dr. Pinaki Pratim Acharjya	Tuhin Kumar Bera, Pinaki Pratim Acharjya , "An Investigation Into the Use of Deep Learning to Recognize Human Activity", in book " AI and Its Convergence With Communication Technologies, ISBN13: 9781668477021, ISBN10: 1668477025, EISBN13: 9781668477038 , pp. 212-262, IGI Global: International Academic publisher, Sept. 2023. DOI: 10.4018/978-1-6684-7702-1.ch008.
Dr. Pinaki Pratim Acharjya	Keshav Kumar, Krishan Kundan Kumar, Ritam Chatterjee, Ritam Kundu, Santanu Koley, Pinaki Pratim Acharjya , "Sustainable Cloud Computing: An Intelligent Data Retrieving Technique and Safety Measures", in Improving Security, Privacy, and Trust in Cloud Computing, pp. 85-112, ISBN13: 9798369314319, EISBN13: 9798369314326, IGI Global: International Academic publisher, February, 2024.DOI: 10.4018/979-8-3693-1431-9.ch004
SUBHABRATA BARMAN	Pinaki Pratim Acharjya, Subhankar Joardar, Santanu Koley, Subhabrata Barman , "A Study on Evaluation and Analysis of Edge Detection Operators", Source Title: Meta-Learning Frameworks for Imaging Applications, Sepember 2023, pp. 65 -102, IGI Global, DOI: 10.4018/978-1-6684-7659-8.ch004
Dr. Santanu Koley	Pinaki Pratim Acharjya, Subhankar Joardar, Santanu Koley , Subhabrata Barman, "A Study on Evaluation and Analysis of Edge Detection Operators", Source Title: Meta-Learning Frameworks for Imaging Applications, Sepember 2023, pp. 65 -102, IGI Global, DOI: 10.4018/978-1-6684-7659-8.ch004
Dr. Santanu Koley	Santanu Koley , Pinaki Pratim Acharjya (2023), "Security Enhancement in Cloud and Edge Computing through Blockchain Technology", in Blockchain and IOT Based Smart Healthcare, ISBN (Online): 978-981-5196-29-0, ISBN (Print): 978-981-5196-30-6, ISBN (Paper Back): 978-981-5196-31-3, pp. 150-173, Bentham Science Publications, Singapore, February, 2023. DOI:10.2174/97898151962901240101

Dr. Santanu Koley	Keshav Kumar, Krishan Kundan Kumar, Ritam Chatterjee, Ritam Kundu, Santanu Koley , Pinaki Pratim Acharjya, "Sustainable Cloud Computing: An Intelligent Data Retrieving Technique and Safety Measures", in Improving Security, Privacy, and Trust in Cloud Computing, pp. 85-112, ISBN13: 9798369314319, EISBN13: 9798369314326, IGI Global: International Academic publisher, February, 2024.DOI: 10.4018/979-8-3693-1431-9.ch004
SUNANDA JANA	Sunanda Jana , Mrinmoy Sen, Abhinandan Khan, Arnab Kumar Maji, and Rajat Kumar Pal, Analyzing the Effectiveness of Different Machine Learning Approaches towards Solving Sudoku Puzzle, 2nd International Conference on Data, Electronics and Computing (ICDEC-2023), 15th - 16th December, 2023. (Accepted for publication in Springer Lecture Notes in Networks and Systems (LNNS))
	Sunanda Jana, Mrinmoy Sen, Abhinandan Khan, Arnab Kumar Maji, and Rajat Kumar Pal, A Novel Video Encryption Scheme using Giant Sudoku for Secured Data Transmission, Applied Computing for Software and Smart Systems (ACSS-2023), no 14, Springer Nature Singapore. Doi: 10.1007/978-981-99-7783-3_14
Dr. Rituparna Saha	Saha, R. and Biswas, A. (2024). Smart Plant-Based Wastewater Treatment for Agricultural Irrigation Systems. In Smart Agritech (eds S.K. Srivastava, D. Srivastava, K. Cengiz and P. Gaur). https://doi.org/10.1002/9781394302994.ch13
Dr. Rituparna Saha	Saha, R. and Biswas, A. (2025). Federated Learning. In Next-Generation Systems and Secure Computing (eds S. Barman, S. Koley and S. Joardar). https://doi.org/10.1002/9781394228522.ch12
Dr. Mrinmoy Sen	Sunanda Jana, Mrinmoy Sen , Abhinandan Khan, Arnab Kumar Maji, and Rajat Kumar Pal, Analyzing the Effectiveness of Different Machine Learning Approaches towards Solving Sudoku Puzzle, 2nd International Conference on Data, Electronics and Computing (ICDEC-2023), 15th - 16th December, 2023. (Accepted for publication in Springer Lecture Notes in Networks and Systems (LNNS))
Dr. Mrinmoy Sen	Sunanda Jana, Mrinmoy Sen , Abhinandan Khan, Arnab Kumar Maji, and Rajat Kumar Pal, A Novel Video Encryption Scheme using Giant Sudoku for Secured Data Transmission, Applied Computing for Software and Smart Systems (ACSS-2023), no 14, Springer Nature Singapore. Doi: 10.1007/978-981-99-7783-3_14
Arpita Mazumdar	Arpita Mazumdar , Mallika Banerjee, BiswajoyChatterjee, AN INTEGRATED AUTISM MANAGEMENT PLATFORM FOR READINESS OF INCLUSIVE SCHOOLING, In: Futuristic Trends in Social Sciences V3B5, IIP Series, Volume 3, May, 2024, pp. 18-25, Iterative International publishers IIP, E-ISBN: 978-93-5747-493-1, DOI: https://www.doi.org/10.58532/V3BKSO5P1CH3

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Sabyasachi Samanta, Priyatosh Jana, **Abhijit Sarkar**, Soumen Ghosh (Aug, 2023), Visual Cryptographic Shares Using Color Components, In Handbook of Research on Thrust Technologies' Effect on Image Processing (pp. 448–462). IGI Global. <https://doi.org/10.4018/978-1-6684-8618-4.ch027> [Scopus]