

**Dr.Mahalingam College of Engineering and Technology, Pollachi-642 003****Department of Information Technology****Books Published**

- 1) S.Ramakrishnan, “Modern Applications of Wavelet Transform”,(ISBN 978-0-85466-236-4), InTech Open Publisher, United Kingdom,February,2024.
- 2) Prabhu R, Varatharajan N, “Internet of Things and application”, AN Publication, 978-81-967420-9-6(Print), November 2023.
- 3) S.Ramakrishnan, “Lightweight Cryptographic Techniques and Cybersecurity Approaches”, (ISBN 978-1-80355-732-8), InTech Open Publisher, United Kingdom, October 2022.
- 4) A.B.Arockia Christopher, M.Balakrishnan,“Analysis of Data Driven Modelling in Ecosystem Services”, ISBN: 978-620- 4-19997-9, Lambert Publishing, August 2021.
- 5) S. Ramakrishnan., “Image Recognition: Progress, Trends and Challenges”, (ISBN 978-1-53617-258-4), Nova Science publishers, USA, April 2020.
- 6) M.Balakrishnan, A.B.Arockia Christopher, “User Navigation Pattern Analysis using Neuro-Fuzzy”, (ISBN 978-620-0-54093-5), Lap Lambert Publisher, January 2020.
- 7) S. Ramakrishnan., “Visual Object Tracking with Deep Neural Networks”, (ISBN 978-1-78985-157-1), Intech Open Publisher, United Kingdom, December 2019.
- 8) Ramakrishnan S., “Digital Image and Video Watermarking and Steganography”, (DOI: 10.5772/intechopen.84984), Intech Open Publisher, United Kingdom, September 2019.
- 9) Ramakrishnan S., “Cryptographic and Information Security Approaches for Images and Videos” (ISBN 9781138563841), CRC Press, Taylor & Francis Group, USA, January 2019.
- 10) M.Balakrishnan, A.B.Arockia Christopher,” Web Service Component using E-Learning”, (ISBN: 978-613-9-44441-0), Pages: 53, Lambert Publishing, Germany, January 2019.
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- 13) Ramakrishnan S., “Modern Fuzzy Control Systems and Its Applications”, (DOI: 10.5772/65834, ISBN 978-953-51-3390-2, Print ISBN 978-953-51-3389-6), 464 Pages, InTech Publisher, Croatia, August 2017.
- 14) S.Ramakrishnan, “Pattern Recognition - Analysis and Applications”, InTech Publisher,Croatia,ISBN 978-953-51-2804-5, Print ISBN 978-953-51-2803-8, 134 pages, DOI: 10.5772/62619, Dec 2016.
- 15) S.Ramakrishnan,” Face Recognition - Semi supervised Classification, Subspace Projection and Evaluation Methods”, InTech Publishers,Croatia, ISBN 978-953-51-2422-1, Print ISBN 978-953-51-2421-4, 100 pages, July, 2016.
- 16) IbrahimM.M.ElEmary and S.Ramakrishnan, “Wireless Sensor Networks: From Theory to Applications (ISBN 9781466518100)”, CRC Press, Taylor & Francis Group, USA, August 2013.
- 17) Ajith Abraham, Sabu M. Thampi, Sankar Pal, Emilio Corchado, Vaclav Snasel, Siby Abraham, S.Ramakrishnan, Proceedings of 2nd IEEE World Congress on Information and Communication Technologies (WICT 2012) jointly organized by MIR Labs-USA and IITM-K, Trivandrum held during October 30- November 02, 2012, Trivandrum, India.(IEEE Catalog Number: CFP1268R-CDR, ISBN: 978-1-4673-4804-1, Print ISBN: 978-1-4673-4806-5, DOI: 10.1109/WICT.2012.6409039).
- 18) S.Ramakrishnan, “Modern Speech Recognition Approaches with Case Studies, (ISBN 978-953-51-0831-3)”, InTech Publisher, Croatia, November 2012.
- 19) S.Ramakrishnan and IbrahimM.M.ElEmary. “Computational Techniques and Algorithms for Image Processing (ISBN: 978-3-8433-5802-6) & (ISBN: 3843358028)”, Lambert Academic Publishing, Germany, October 2010.
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- 1) L.Meenachi, S.Ramakrishnan, Data Fusion Techniques and Applications for Smart Healthcare, “Review on hybrid feature selection and classification of microarray gene expression data” ,Elsevier,DOI: <https://doi.org/10.1016/B978-0-44-313233-9.00020-5> ISBN: 978-0-443-13233-9, March 2024.

- 2) S. Ponni alias sathya, S. Ramakrishnan, P. Sathiyamurthi, Artificial Intelligence and Machine Learning Techniques in Image Processing and Computer Vision, “Artificial Bee Colony Optimization Technique-Based Video Copyright Protection In DWT-PCA Domain”, CRC Press DOI: <https://doi.org/10.1201/9781003425700>, ISBN : 9781003425700, March 2024.
- 3) S.Selvanayaki S.Deepa,G.Keerthika, Internet of Things and AI for Natural Disaster Management and Prediction, “Machine Learning Algorithms for Natural Disaster Management”, IGI Global ,DOI: <https://10.4018/979-8-3693-4284-8> , ISBN13: 9798369342848, March 2024.
- 4) J.Ramprasath, N.Praveen Sundra Kumar, N.Krishnaraj, M.Gomathi , Wireless Communication in Cyber Security, “Machine Learning Based Malicious Threat Detection and Security Analysis on Software Defined Networking for Industry 4.0”, Wiley, Scrivener Publishing, ISBN:9781119910435, October 2023
- 5) K.Renuka Devi, “Homomorphic Encryption for Financial Cryptography”, Springer Cham, DOI: [https://doi.org/10.1007/978-3-031-35535-6\\_4](https://doi.org/10.1007/978-3-031-35535-6_4) , ISBN: 978-3-031-35534-9, August 2023
- 6) Selvanayaki Palanisamy, Muthanatha Murugavel A. S., Sathiyamurthi Pattusamy, Deepa S, “Machine Learning-Based Monitoring Devices for Pregnant Women”, Technological Tools for Predicting Pregnancy Complications, Publisher: IGI-Global , DOI: [10.4018/979-8-3693-1718-1](https://doi.org/10.4018/979-8-3693-1718-1), ISBN13: 9798369317181, September, 2023.
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- 8) Dr.A.B.Arockia Christopher, Dr.A.S.Muthanatha murugavel S,Renukadevi. K, “Prediction of Warning level in Aircraft Accidents using different Classification Techniques”, Central West Publishing, June 2023
- 9) L.Meenachi, S. Ramakrishnan, Data Fusion Techniques and Applications for Smart Healthcare, “Review on Hybrid Feature Selection and Classification of Microarray Gene Expression Data”, ISBN: 9780443132339. Elsevier

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- 11) K. Renuka Devi, S Suganyadevi and K. Balasamy, 'Healthcare Data Analysis Using Deep Learning Paradigm', de Gruyter, DOI: <http://doi/10.1515/9783110750584-008>, ISBN: 9783110750508, pp. 129-148, January 2023.
- 12) Ramprasath J, Ramakrishnan S, Tharani V, Arunima D and Sushmitha R, 'Cloud Service Anomaly Traffic Detection Using Random Forest', Advances in Data and Information Sciences, Lecture Notes in Networks and Systems-Springer, DOI: [https://doi.org/10.1007/978-981-19-5292-0\\_41](https://doi.org/10.1007/978-981-19-5292-0_41), ISBN 978-981-19-5291-3, pp. 269-279, November 2022.
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- 14) Janani D, Vijaykumar V R, Ramakrishnan S, Akil Akthar S, Sudharsan. S and Sangameshwaran S, 'Expert system for diagnosis of chronic kidney disease prediction using fuzzy logic with feature selection', Advances in Data and Information Sciences, Lecture Notes in Networks and Systems -Springer, DOI: [https://doi.org/10.1007/978-981-19-5292-0\\_41](https://doi.org/10.1007/978-981-19-5292-0_41), ISBN 978-981-19-5291-3, pp. 445-455, November 2022.
- 15) N. Praveen Sundra kumar, Deepa R, Nikhil GS and Vikram R, 'Improving Security in Cloud Data Using Paillier Homomorphic Encryption System', Advances in Data and Information Sciences, Lecture Notes in Networks and Systems -Springer, DOI: [https://doi.org/10.1007/978-981-19-5292-0\\_41](https://doi.org/10.1007/978-981-19-5292-0_41), ISBN 978-981-19-5291-3, pp. 80-90, November 2022.
- 16) K. Renuka Devi, "Preserving the Healthcare Data by Using PPDM Technique", Handbook of Research on Complexities, Management, and Governance in Healthcare, IGI Global, ISBN: 9781668460443, November 2022.
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- 18) K. Renuka Devi and K. Balasamy, “Securing Clinical Information Through Multimedia Watermarking Techniques”, Mathematical Modeling for Smart Healthcare Systems, IGI Global, ISBN: 9781668445808, June 2022.
- 19) Ponni Alias Sathya S, Ramakrishnan S and Sathiyamurthi P, “Artificial Bee Colony Optimization technique based video copyright protection in DWT-PCA domain”, Artificial Intelligence and Machine Learning Techniques in Image Processing and Computer Vision, CRC Press, Taylor & Francis Group, USA, 2021.
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- 22) S. Nithya and S. Ramakrishnan., “Performance Analysis of Local Binary Patterns for Image Texture Classification Methods”, Image Recognition: Progress, Trends and Challenges, Nova Science Publishers, pp.89-106, Pages:17, ISBN: 978-1-53617-258-4, April 2020
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