

Book/Chapter	
Year	Details
	Singh, Surendra, and Tripathi, Sachin, "A Security-Driven Scheduling Model for Delay-Sensitive Tasks in Fog Networks", Advances in Computing, Informatics, Networking, and Cybersecurity, Springer Nature Book (Accepted).
2020	Purohit K., Kumar A., Upadhyay M., Kumar K. (2020) Symmetric Key Generation and Distribution Using Diffie-Hellman Algorithm. In: Pant M., Kumar Sharma T., Arya R., Sahana B., Zolfagharinia H. (eds) Soft Computing: Theories and Applications. Advances in Intelligent Systems and Computing, vol 1154. Springer, Singapore. DOI: 10.1007/978-981-15-4032-5 14
	Solanki A., Bamrara R., Kumar K., Singh N. (2020) VEDL: A Novel Video Event Searching Technique Using Deep Learning. In: Pant M., Sharma T., Verma O., Singla R., Sikander A. (eds) Soft Computing: Theories and Applications. Advances in Intelligent Systems and Computing, vol 1053. pp. 905-914. Springer, Singapore, ISBN : 978-981-15-0750-2. DOI: 10.1007/978-981-15-0751-9 83
	Mishra A., Kumar K., Kumar P., Mittal P. (2020) A Novel Approach for Handwritten Character Recognition Using K-NN Classifier. In: Pant M., Sharma T., Verma O., Singla R., Sikander A. (eds) Soft Computing: Theories and Applications. Advances in Intelligent Systems and Computing, vol 1053. pp. 887-894. Springer, Singapore, ISBN : 978-981-15-0750-2. DOI: 10.1007/978-981-15-0751-9 81
	Kumar K., Bamrara R., Gupta P., Singh N. (2020) M2P2: Movie`s Trailer Reviews Based Movie Popularity Prediction System. In: Pant M., Sharma T., Verma O., Singla R., Sikander A. (eds) Soft Computing: Theories and Applications. Advances in Intelligent Systems and Computing, vol 1053. pp. 671-681. Springer, Singapore, ISBN: 978-981-15-0750-2. DOI: 10.1007/978-981-15-0751-9 62
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	Vivek Kumar Singh and Nitin Kumar, A Novel Fusion Framework for Salient Object Detection based on Support Vector Regression, Accepted for publication in International Conference on Evolving Technologies for Computing, Communication and Smart World (ETCCS-2020), CDAC, Noida, India Jan. 31-Feb.01, 2020. (Best Paper Award)
	Manisha and Nitin Kumar, On Generating Cancelable Biometric Templates using Visual Secret Sharing, Accepted for publication in Computing Conference 2020 to be held at London, United Kingdom, July 16-17, 2020.
2019	G. Singh, N. Singh, K. Kumar (2019) PICS: A Novel Technique for Video Summarization. In: Tanveer M., Pachori R. (eds) Machine Intelligence and Signal Analysis. Advances in Intelligent Systems and Computing, vol 748. pp. 411-421. Springer, Singapore, ISBN: 978-981-13-0922-9. DOI: 10.1007/978-981-13-0923-6 36
	S. Sharma, S. N. Shivhare, N. Singh, K. Kumar (2019) Computationally Efficient ANN Model for Small-Scale Problems. In: Tanveer M., Pachori R. (eds) Machine Intelligence and Signal Analysis. Advances in Intelligent Systems and Computing, vol 748. pp. 423-435. Springer, Singapore, ISBN: 978-981-13-0922-9. DOI: 10.1007/978-981-13-0923-6 37
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	Intelligence and Signal Analysis. Advances in Intelligent Systems and Computing, vol 748. pp. 453-459. Springer, Singapore, ISBN: 978-981-13-0922-9 DOI: 10.1007/978-981-13-0923-6 39
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	Anita Saiwan, Anupam Yadav and Nitin Kumar, Application of artificial electric field algorithm for economic load dispatch problem, Accepted for Publication In Advances in Intelligent Systems and Computing, Eds. International Conference on Soft Computing and Pattern Recognition, SoCPaR 2019, Vardhman College of Engineering, Hyderabad, India, Dec. 13-15,2019
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	Nitin Kumar and Suresh Madhavan, Incremental Weighted Linear Discriminant Analysis for Face Recognition, Accepted for publication in First International Conference on Advanced Communication & Computational Technology (ICACCT-2019), Kurukshetra, India Dec. 6-7, 2019. (Best Paper Award)
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	Shiv Naresh Shivhare and Nitin Kumar, Brain Tumor Detection using Manifold Ranking in flair MRI, Accepted for publication in International Conference on Emerging Trends in Information Technology (ICETIT-2019), New Delhi, India, June 21-22, 2019
	Anita Saiwan, Anupam Yadav and Nitin Kumar, Artificial Electric Field Algorithm for Solving Real Parameter CEC 2017 Benchmark Problems, Accepted for Publication In Advances in Intelligent Systems and Computing, Eds. SoCPros 2019, Liverpool Hope University, Liverpool, UK, Sep. 02-04,2019
	Nitin Kumar, A Novel Three Phase Approach for Single Sample Ear Recognition, Accepted for Publication In Advances in Intelligent Systems and Computing, IC2IT 2019,, Bangkok, Thailand, July 04-05, 2019, Publisher: Springer-Verlag
2018	K. Kumar, S. Sinha, P. Manupriya (2018) D-PNR: Deep License Plate Number Recognition. In: Chaudhuri B., Kankanhalli M., Raman B. (eds) Proceedings of 2nd International Conference on Computer Vision & Image Processing. Advances in Intelligent Systems and Computing, vol 704. pp. 37-46. Springer, Singapore, ISBN: 978-981-10-7894-1. DOI: 10.1007/978-981-10-7898-9 4
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	<p>K. Kumar, D. D. Shrimankar, N. Singh (2018) SOMES: An Efficient SOM Technique for Event Summarization in Multi-view Surveillance Videos. In: Sa P., Bakshi S., Hatzilygeroudis I., Sahoo M. (eds) Recent Findings in Intelligent Computing Techniques. Advances in Intelligent Systems and Computing, vol 709. pp. 383-389. Springer, Singapore, ISBN: 978-981-10-8632-8. DOI: 10.1007/978-981-10-8633-5 38</p>
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	<p>Ajay Jaiswal, Nitin Kumar and R. K. Agrawal, "Statistical Framework for Facial Pose Classification", In Advances in Artificial Intelligence, Ed. Batyrshin I., Gonzalez Mendoza M. MICAI 2012, San Luis Potosi, Mexico, 87-96, 2013, Lecture Notes in Computer Science, vol 7629, Publisher: Springer-Verlag, ISBN: 978-3-642-37806-5</p>
	<p>Ajay Jaiswal, Nitin Kumar and R. K. Agrawal, "A Hybrid of Principal Component Analysis and Partial Least Squares for Face Recognition Across Pose", In Progress in Pattern Recognition, Image Analysis, Computer Vision, and Applications. CIARP 2012, Argentina, 67-73, 2012, Lecture Notes in Computer Science, vol 7441, Publisher: Springer-Verlag, ISBN: 978-3-642-33274-6</p>
	<p>Nitin Kumar, R. K. Agrawal and Ajay Jaiswal, "A Comparative Study of Linear Discriminant and Linear Regression Based Methods for Expression Invariant Face Recognition", In Advances in Intelligent Systems and Computing, Ed. Thampi, Sabu M., Springer International Publishing, 264, 23 - 32, 2014. Publisher: Springer International Publishing, ISBN No.: 978-3-319-04959-5</p>
2016	<p>Singh, Surendra and Tripathi, Sachin and Batabyal, Suvadip, "Secured Dynamic Scheduling Algorithm for Real-Time Applications on Grid", in Information Systems Security proceeding, 12th International Conference, ICISS 2016, pp. 283-300 Jaipur, India, Dec. 2016</p>