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Sl. No.	Faculty Name	Co-Authors	Article/Paper Title	Journal Name	Year(Month)	ISBN/ISSN No. of Journal	DOI	Page No.	Publisher	GSP
1	Abhijit Das	Anirbit Sengupta, Anwasha Mukherjee, Debashis De	AgriStick: An IoT-enabled Agricultural Gadget to Measure Growth of Jackfruit using 2-axis JoyStick	IEEE Instrumentation & Measurement Magazine	2022(May)	ISSN : 1094-6969	-	2-6	IEEE Instrumentation & Measurement Magazine	No
2	Soumen Mukherjee	Srijita Majumdar, Debabrata Datta, Arpan Deyasi, Arup Kumar Bhattacharjee, Anil Acharya	Sarcasm Analysis and Mood Retention Using NLP Techniques	International Journal of Information Retrieval Research (IJIRR)	2022 (Jan)	ISSN: 2155-6377	<a href="https://doi.org/10.4018/IJIRR.289952">10.4018/IJIRR.289952</a>	1-23	IGI-Global	Yes
3	Hiranmoy Roy	Subhadeep Koley, Soumyadip Dhar, Debotosh Bhattacharjee	Illumination invariant face recognition using Fused Cross Lattice Pattern of Phase Congruency (FCLPPC)	Elsevier Information Sciences	2022 (Jan)	ISSN : 0020-0255	<a href="https://doi.org/10.1016/j.ins.2021.11.0.059">https://doi.org/10.1016/j.ins.2021.11.0.059</a>	633-648	Elsevier	Yes
4	Soumyadip Dhar	Subhadeep Koley, Hiranmoy Roy, Debotosh Bhattacharjee	Illumination invariant face recognition using Fused Cross Lattice Pattern of Phase Congruency (FCLPPC)	Elsevier Information Sciences	2022 (Jan)	ISSN : 0020-0255	<a href="https://doi.org/10.1016/j.ins.2021.11.0.059">https://doi.org/10.1016/j.ins.2021.11.0.059</a>	633-648	Elsevier	Yes
5	Pankaj Pal	S. Pyne, S. Bhowmick, J. Bhattacharya, S.Giri, J.Laha and K Das	Sea Fish Consumption is Associated with Lower Risk of Diabetes Mellitus: A Cross-Sectional Study	International Journal of Nutritional Sciences	2021 (Oct)	ISSN: 2690-0173	<a href="https://doi.org/10.26420/intnutsci.2021.1060">DOI: 10.26420/intnutsci.2021.1060</a>	1060	Austin Publishing group	Yes
6	Abhijit Das	Anirbit Sengupta, Anwasha Mukherjee, Debashis De	GrowFruit: An IoT based Radial Growth Rate Monitoring Device for Fruit	IEEE Consumer Electronics Magazine	2021 (Oct)	Electronic ISSN: 2162-2256	<a href="https://doi.org/10.1109/MCE.2021.3119276">10.1109/MCE.2021.3119276</a>	1-1	IEEE	Yes
7	Soumen Mukherjee	Arunabha Adhikari and Madhusudan Roy	Melanoma Detection by Meta-Heuristically-Optimized MLP Parameters Using Non-Dermatoscopy Images	International Journal of Applied Metaheuristic Computing (IJAMC)	2021 (Oct)	ISSN: 1947-8283	<a href="https://doi.org/10.4018/IJAMC.2021100110">10.4018/IJAMC.2021100110</a>	177-200	IGI-Global	Yes
8	Abhijit Das	Basabdatta Das, Barshan Das, Avik Chatterjee	Designing of Latent Dirichlet Allocation Based Prediction Model to Detect Midlife Crisis of Losing Jobs due to Prolonged Lockdown for COVID-19	Cyber-Physical Systems	2021 (Nov)	ISBN: 978-0-12-824557-6	<a href="https://doi.org/10.1016/B978-0-12-824557-6.00003-0">https://doi.org/10.1016/B978-0-12-824557-6.00003-0</a>	219-230	Elsevier	Yes



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9	Soumen Mukherjee	Arunabha Adhikari and Madhusudan Roy	Melanoma Detection From Lesion Images Using Optimized Features Selected by Metaheuristic Algorithms	International Journal of Healthcare Information Systems and Informatics (IJHISI)	2021 (Oct)	ISSN: 1555-3396	<a href="https://doi.org/10.4018/IJHISI.288542">10.4018/IJHISI.288542</a>	1-22	IGI-Global	Yes
10	Anirban Mukherjee	Dipankar Santra, Krishna Sarker, Subrata Mondal	Hybrid Genetic Algorithm-Gravitational Search Algorithm to Optimize Multi-Scale Load Dispatch	International Journal of Applied Metaheuristic Computing (IJAMC)	2021 (July)	ISSN: 1947-8283	<a href="https://doi.org/10.4018/ijamc.2021070102">10.4018/ijamc.2021070102</a>	28-53	IGI-Global	Yes
11	Abhijit Das	A Sengupta, B Debnath, D De	The Age of Software: An Introduction	IEEE Consumer Electronics Magazine	2021 (July)	Electronic ISSN: 2162-2256	<a href="https://doi.org/10.1109/MCE.2021.3064147">10.1109/MCE.2021.3064147</a>	28-32	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	Yes
12	Soumen Mukherjee	Srikanta Acharya, Debangana Das, Trisita Nandy Chatterjee, Runu Banerjee Roy, Bipan Tudu, Rajib Bandyopadhyay	Voltammetric Electrode Array Optimization for Black Tea Discrimination Using Computational Intelligence Approach	IEEE Sensors Journal	2021 (July)	Electronic ISSN: 1558-1748	<a href="https://doi.org/10.1109/JSEN.2021.3098036">10.1109/JSEN.2021.3098036</a>	20589 - 20595	IEEE	Yes
13	Soumyadip Dhar	Malay K Kundu	Accurate multi-class image segmentation using weak continuity constraints and neutrosophic set	Applied Soft Computing	2021 (July)	-	<a href="https://doi.org/10.1016/j.asoc.2021.107759">https://doi.org/10.1016/j.asoc.2021.107759</a>	107759	Elsevier	Yes
14	Ranjan Jana	Imon Mukherjee	Deep learning based efficient epileptic seizure prediction with EEG channel optimization	Biomedical Signal Processing and Control	2021 (July)	ISSN 1746-8094	<a href="https://doi.org/10.1016/j.bspc.2021.102767">https://doi.org/10.1016/j.bspc.2021.102767</a>	102767	Elsevier	Yes
15	Shaswati Roy	Pradipta Maji	Multispectral co-occurrence of wavelet coefficients for malignancy assessment of brain tumors	Plos One	2021 (June)	ISSN: 1932-6203 (online)	<a href="https://doi.org/10.1371/journal.pone.0250964">https://doi.org/10.1371/journal.pone.0250964</a>	e0250964	Public Library of Science	Yes
16	Indrajit Pan	Jayanta Datta	Greedy Load Balancing For Cloud Computing Framework	Indian Journal of Computer Science and Engineering (IJCSE)	2021 (May-June)	e-ISSN : 0976-5166	<a href="https://doi.org/10.21817/ijcse/2021/v12i3/211203255">https://doi.org/10.21817/ijcse/2021/v12i3/211203255</a>	735-742	IJCSE	Yes



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17	Jayanta Datta	Indrajit Pan	Greedy Load Balancing For Cloud Computing Framework	Indian Journal of Computer Science and Engineering (IJCSE)	2021 (May-June)	e-ISSN : 0976-5166	<a href="https://doi.org/10.21817/indicse/2021/v12i3/211203255">https://doi.org/10.21817/indicse/2021/v12i3/211203255</a>	735-742	IJCSE	Yes
18	Abhijit Das	A Sengupta, B Debnath, D De	FarmFox: A Quad-Sensor based IoT box for Precision Agriculture	IEEE Consumer Electronics Magazine	2021 (Mar)	Electronic ISSN: 2162-2256	<a href="https://doi.org/10.1109/MCE.2021.3064818">10.1109/MCE.2021.3064818</a>	63-68	IEEE	Yes
19	Hiranmoy Roy	Subhadeep Koley, Debotosh Bhattacharjee	Gammation binary pattern of Shearlet coefficients (GBPSC): An illumination-invariant heterogeneous face descriptor	Pattern Recognition Letters (Impact Factor: 3.25)	2021 (Feb)	ISSN: 0167-8655	<a href="https://doi.org/10.1016/j.patrec.2021.01.028">https://doi.org/10.1016/j.patrec.2021.01.028</a>	30-36	Elsevier	Yes
20	Hiranmoy Roy	Subhadeep Koley	Local-Friis-radiation-pattern (LFRP) for face recognition	Sensing and Imaging	2021 (Jan)	Online ISSN: 1557-2072	<a href="https://doi.org/10.1007/s11220-020-00325-z">https://doi.org/10.1007/s11220-020-00325-z</a>	1-35	Springer, USA	Yes
21	Moumita Deb	Sarvani Roy	Enhanced-Pro: A New Enhanced Solar Energy Harvested Prediction Model for Wireless Sensor Networks	Wireless Personal Communications	2020 (Nov)	Electronic ISSN 1572-834X	<a href="https://doi.org/10.1007/s11277-020-07913-y">https://doi.org/10.1007/s11277-020-07913-y</a>	1103-1121	Springer, USA	Yes
22	Soumen Mukherjee	Subhasis Mallick, Dipankar Majumdar, Arup Kumar Bhattacharjee	Hybrid Cuckoo Search Approach for Course Time-Table Generation Problem	International Journal of Applied Metaheuristic Computing (IJAMC)	2020 (Oct)	ISSN: 1947-8283	<a href="https://doi.org/10.4018/IJAMC.2020100110">https://doi.org/10.4018/IJAMC.2020100110</a>	214-230	IGI-Global	Yes
23	Abhijit Das	Mangoldip Saha, Anirbit Sengupta	Cyber Threats in Artificial Intelligence	International Journal of Computer Sciences and Engineering (IJCSE)	2020 (Sept)	E-ISSN: 2347-2693	<a href="https://doi.org/10.26438/ijcse/v8i9_4347">https://doi.org/10.26438/ijcse/v8i9_4347</a>	43-47	IJCSE	Yes
24	Soumen Mukherjee	Arunabha Adhikari and Madhusudan Roy	Malignant melanoma detection using multi layer preceptron with visually imperceptible features and PCA components from MED-NODE dataset	International Journal of Medical Engineering and Informatics	2020 (Apr)	E-ISSN : 1755-0661	<a href="https://doi.org/10.1504/IJMEI.2020.10028644">DOI:10.1504/IJMEI.2020.10028644</a>	151-168	Inderscience Publishers (IEL)	Yes
25	Soumen Mukherjee	Arpan Deyasi, Arup Kumar Bhattacharjee, Angsuman Sarkar	Classification of single and double-gate nanoscale MOSFET with different dielectrics from electrical characteristics using soft computing techniques	International Journal of Information Technology	2020 (Apr)	Electronic ISSN 2511-2112	<a href="https://doi.org/10.1007/s41870-019-00301-1">https://doi.org/10.1007/s41870-019-00301-1</a>	165-174	Springer, Singapore	Yes



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26	Indrajit Pan	Mithun Roy	Lazy Forward Differential Evolution for Influence Maximization in Large Data Network	SN Computer Science	2020 (Mar)	Electronic ISSN 2661-8907	<a href="https://doi.org/10.1007/s42979-020-0121-x">10.1007/s42979-020-0121-x</a>	1-6	Springer Open	Yes
27	Anirban Mukherjee	Dipankar Santra, Krishna Sarker, Subrata Mondal	Dynamic Economic Dispatch Using Hybrid Metaheuristics	Journal of Electrical Systems and Information Technology	2020 (Feb)	ISSN: 2314-7172	<a href="https://doi.org/10.1186/s43067-020-0011-2">https://doi.org/10.1186/s43067-020-0011-2</a>	Pp 1-30	Springer Open	Yes
28	Shyantani Maiti	Atif Hassan, Pralay Mitra	Boosting phosphorylation site prediction with sequence feature-based Machine learning	PROTEINS: Structure, Function, and Bioinformatics	2020 (Feb)	Online ISSN:1097-0134	<a href="https://doi.org/10.1002/prot.25801">https://doi.org/10.1002/prot.25801</a>	284-291	John Wiley & Sons, Inc.	Yes
29	Shaswati Roy	Pradipta Maji	Rough Segmentation of Coherent Local Intensity for Bias Induced 3-D MR Brain Images	Pattern Recognition	2020 (Jan)	ISSN: 0031-3203	<a href="https://doi.org/10.1016/j.patcog.2019.106997">https://doi.org/10.1016/j.patcog.2019.106997</a>	106997	ScienceDirect	Yes
30	Shaswati Roy	Pradipta Maji	Medical image segmentation by partitioning spatially constrained fuzzy approximation spaces	IEEE Transactions on Fuzzy Systems	2020 (Jan)	Electronic ISSN: 1941-0034	<a href="https://doi.org/10.1109/TFUZZ.2020.2965896">10.1109/TFUZZ.2020.2965896</a>	965-977	IEEE	Yes
31	Indrajit Pan	Subhamita Mukherjee, Tuhina Samanta	A particle swarm optimization method for fault localization and residue removal in digital microfluidic biochips	Applied Soft Computing	2019 (Dec)	ISSN:1568-4946	<a href="https://doi.org/10.1016/j.asoc.2019.105839">https://doi.org/10.1016/j.asoc.2019.105839</a>	105839	Elsevier	Yes
32	Anirban Mukherjee	Dipankar Santra, Krishna Sarker, Subrata Mondal	Combined economic emission and load dispatch using hybrid metaheuristics	International Journal of Hybrid Intelligence	2019 (Nov)	ISSN: 2515-4273	<a href="https://doi.org/10.1504/IJHI.2019.10025164">10.1504/IJHI.2019.10025164</a>	211-238	Inderscience Publishers (IEL)	Yes
33	Sudarsan Biswas	Neepa Biswas, Kartick Chandra Mondal	Parallel and Distributed Association Rule Mining Algorithms: A recent survey	Proceedings of Information Management and Computer Science (IMCS)	2019 (Sept)	Online ISSN : 2616-5961	DOI: <a href="https://doi.org/10.26480/imcs.012019.15.24">10.26480/imcs.012019.15.24</a>	15-24	IMCS	Yes
34	Hiranmoy Roy	Debotosh Bhattacharjee	Pattern of Local Gravitational Force(PLGF): A novel Local Image Descriptor	IEEE Transactions on Pattern Analysis and Machine Intelligence(TPAMI)	2019 (Aug)	Electronic ISSN: 1939-3539	<a href="https://doi.org/10.1109/TPAMI.2019.2930192">10.1109/TPAMI.2019.2930192</a>	595-607	IEEE	Yes
35	Soumyadip Dhar	Malay K Kundu	Interval Type-2 fuzzy set and theory of weak continuity constraints for accurate multi-class image segmentation	IEEE Transactions on Fuzzy Systems	2019 (Jul)	Electronic ISSN: 1941-0034	<a href="https://doi.org/10.1109/TFUZZ.2019.2930932">10.1109/TFUZZ.2019.2930932</a>	2151 - 2163	IEEE	Yes