

**3.4.4 Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years(2019-2023)**

3.4.4.1: Number of research papers published in the Journals as notified on UGC website during the last five years(2019-2023)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
						Link to website of the	Link to article/paper/abstract of the article	Is it listed in UGC Care list
"Generalized multi-release modelling of software reliability growth models from the perspective of two types of imperfect debugging and change point."	Saraf, Iqra, and Javaid Iqbal.	Department of Computer Sciences	Quality and Reliability Engineering International	2019			<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/qre.2516">https://onlinelibrary.wiley.com/doi/abs/10.1002/qre.2516</a>	
"Generalized software fault detection and correction modeling framework through imperfect debugging, error generation and change point."	Saraf, Iqra, and Javaid Iqbal.	Department of Computer Sciences	International Journal of Information Technology	2019			<a href="https://link.springer.com/article/10.1007/s41870-019-00321-x">https://link.springer.com/article/10.1007/s41870-019-00321-x</a>	
"Generalized multi-release framework for fault prediction in open source software."	Khurshid, Shozab, Avinash K. Shrivastava, and Javaid Iqbal.	Department of Computer Sciences	International JJsI of Software Innovation (IJSI)	2019			<a href="https://www.researchgate.net/publication/353791707_Generalized_Multi-Release_Framework_for_Fault_Prediction_in_Open_Source_Software">https://www.researchgate.net/publication/353791707_Generalized_Multi-Release_Framework_for_Fault_Prediction_in_Open_Source_Software</a>	
"Generalised fault detection and correction modelling framework for multi-release of software."	Saraf, Iqra, Avinash K. Shrivastava, and Javaid Iqbal.	Department of Computer Sciences	International Journal of Industrial and Systems Engineering	2020			<a href="https://www.researchgate.net/publication/340330285_Generalised_fault_detection_and_correction_modelling_framework_for_multi-release_of_software">https://www.researchgate.net/publication/340330285_Generalised_fault_detection_and_correction_modelling_framework_for_multi-release_of_software</a>	
Effort based software reliability model with fault reduction factor, change point and imperfect debugging	S Khurshid, AK Shrivastava, J Iqbal	Department of Computer Sciences	International Journal of Information Technology	2021			<a href="https://link.springer.com/article/10.1007/s41870-019-00286-x">https://link.springer.com/article/10.1007/s41870-019-00286-x</a>	
"Effort-based fault detection and correction modelling for multi release of software."	Saraf, Iqra, Avinash K. Shrivastava, and Javaid Iqbal.	Department of Computer Sciences	International Journal of Information and Computer Security	2021			<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJICS.2021.114711">https://www.inderscienceonline.com/doi/abs/10.1504/IJICS.2021.114711</a>	
Generalised multi release framework for fault determination with fault reduction factor	Shozab Khurshid , Avinash K. Shrivastava and Javaid Iqbal	Department of Computer Sciences	International Journal of Information and Computer Security	2022	1744-1765		<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJICS.2022.121296">https://www.inderscienceonline.com/doi/abs/10.1504/IJICS.2022.121296</a>	
An Effective Intrusion Detection System Using Homogeneous Ensemble Techniques	Faheem Syeed Masoodi, Iram Abrar and Alwi M. Bamhdi	Department of Computer Sciences	International Journal of Information Security and Privacy	2022	1930-1650		<a href="https://www.igi-global.com/article/an-effective-intrusion-detection-system-using-homogeneous-ensemble-techniques/285018">https://www.igi-global.com/article/an-effective-intrusion-detection-system-using-homogeneous-ensemble-techniques/285018</a>	
OvSbChain: An Enhanced Snowball Chain Approach for Detecting Overlapping Communities in Social Graphs	Gulati, Jayati; Abulaish, Muhammad; Bhat, Sajid Yousuf.	Department of Computer Sciences	International Journal of Advanced Computer Science and Applications	2022	2158107X		<a href="https://www.proquest.com/openview/c3f8fabb0beb0ec908ed65d8bdf15c01?pq-origsite=scholar&amp;cbl=5444811">https://www.proquest.com/openview/c3f8fabb0beb0ec908ed65d8bdf15c01?pq-origsite=scholar&amp;cbl=5444811</a>	
An enforced block diagonal low-rank representation method for the classification of medical image patterns	Ishafaq Majeed Sheikh, Manzoor Ahmad Chachoo	Department of Computer Sciences	International Journal of Information Technology	2022	1221-1228		<a href="https://link.springer.com/article/10.1007/s41870-021-00841-5">https://link.springer.com/article/10.1007/s41870-021-00841-5</a>	
An efficient biomedical cell image fusion method based on the multilevel low rank representation	Ishafaq Majeed Sheikh, Manzoor Ahmad Chachoo, Arif Ahmed Rather	Department of Computer Sciences	International Journal of Information Technology	2022	1221-1228		<a href="https://link.springer.com/article/10.1007/s41870-022-01002-y">https://link.springer.com/article/10.1007/s41870-022-01002-y</a>	
UMAP guided topological analysis of transcriptomic data for cancer subtyping	Arif Ahmed Rather , Manzoor Ahmad Chachoo	Department of Computer Sciences	International Journal of Information Technology	2022	1221-1228		<a href="https://link.springer.com/article/10.1007/s41870-022-01048-y">https://link.springer.com/article/10.1007/s41870-022-01048-y</a>	
Manifold learning based robust clustering of gene expression data for cancer subtyping	Arif Ahmed Rather , Manzoor Ahmad Chachoo	Department of Computer Sciences	Informatics in Medicine Unlocked	2022	2352-9148		<a href="https://www.sciencedirect.com/science/article/pii/S2352914822000570">https://www.sciencedirect.com/science/article/pii/S2352914822000570</a>	
Lingual markers for automating personality profiling: background and road ahead	Mohmad Azhar Teli , Manzoor Ahmad Chachoo	Department of Computer Sciences	Journal of Computational Social Science	2022	2432-2725		<a href="https://link.springer.com/article/10.1007/s42001-022-00184-6">https://link.springer.com/article/10.1007/s42001-022-00184-6</a>	

Protein secondary structure prediction using data-partitioning combined with stacked convolutional neural networks and bidirectional gated recurrent units	Mukhtar Ahmad Sofi, M. Arif Wani	Department of Computer Sciences	International Journal of Information Technology volume	2022	2285–2295	<a href="https://link.springer.com/article/10.1007/s41870-022-00978-x">https://link.springer.com/article/10.1007/s41870-022-00978-x</a>
Segmentation of Satellite Images of Solar Panels Using Fast Deep Learning Model	M. Arif Wani, Tahir Mujtaba	Department of Computer Sciences	INTERNATIONAL JOURNAL of RENEWABLE ENERGY RESEARCH	2022	1309-0127	<a href="https://d1wqtxts1xzle7.cloudfront.net/83046099/pdf-wit-cover-page-v2.pdf?Expires=1664520213&amp;Signature=GmgeSfTUoAKseG3CF3xHnr~y--AjlNhStlihvPzrtINq4oC0ylgybSmlhB2e0HpcHGj9SWBi750qFEjmWAe~6yrvTYccwsSdDkWYooJueSxuJgXiKrolziA4Wved5lPqB0waEtwNvwFC4XBP6i--Egcv9cZC-gTTXIMkQCSocJpLO7-t7Sk0qlNTe97UY6E--NlusAd6MIDmNxmdMTbfCktHRum7ifBC~jEszzLKENW7OfSp1YncpU5TksDmYQPzob5rYIRKgyKAer9qVKVQu4h6oHzvWSApsjQGJSSMvkg0RxUeHV662jeZ8e~0JCFqB6zd2wvBaJeaHYMT~5HA__&amp;Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA">https://d1wqtxts1xzle7.cloudfront.net/83046099/pdf-wit-cover-page-v2.pdf?Expires=1664520213&amp;Signature=GmgeSfTUoAKseG3CF3xHnr~y--AjlNhStlihvPzrtINq4oC0ylgybSmlhB2e0HpcHGj9SWBi750qFEjmWAe~6yrvTYccwsSdDkWYooJueSxuJgXiKrolziA4Wved5lPqB0waEtwNvwFC4XBP6i--Egcv9cZC-gTTXIMkQCSocJpLO7-t7Sk0qlNTe97UY6E--NlusAd6MIDmNxmdMTbfCktHRum7ifBC~jEszzLKENW7OfSp1YncpU5TksDmYQPzob5rYIRKgyKAer9qVKVQu4h6oHzvWSApsjQGJSSMvkg0RxUeHV662jeZ8e~0JCFqB6zd2wvBaJeaHYMT~5HA__&amp;Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA</a>
Modelling reliability growth for multi-version open source software considering varied testing and debugging factors	I Saraf, J Iqbal, AK Shrivastava	Department of Computer Sciences	Quality and Reliability Engineering International	2022		<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/qre.3048">https://onlinelibrary.wiley.com/doi/abs/10.1002/qre.3048</a>
"Modelling of NHPP based software reliability growth model from the perspective of testing coverage, error propagation and fault withdrawal efficiency."	Khurshid, Shozab, Javaid Iqbal	Department of Computer Sciences	International Journal of Reliability, Quality and Safety Engineering	2022		<a href="https://www.worldscientific.com/doi/10.1142/S0218539322500139">https://www.worldscientific.com/doi/10.1142/S0218539322500139</a>
Modelling and predicting software vulnerabilities using a sigmoid function.	Iqbal, J., Firdous, T., Shrivastava, A. K., & Saraf, I.	Department of Computer Sciences	International Journal of Information Technology,	2022		<a href="https://www.researchgate.net/publication/357954848_Modelling_and_predicting_software_vulnerabilities_using_a_sigmoid_function">https://www.researchgate.net/publication/357954848_Modelling_and_predicting_software_vulnerabilities_using_a_sigmoid_function</a>
"Integrating Burr type testing effort functions in logistic reliability growth model with uncertainty factor."	Iqbal, Javaid, Nyla Manzoor, Avinash K. Shrivastava, and Ishfaq A. Malik.	Department of Computer Sciences	International Journal of System Assurance Engineering and Management	2023		<a href="https://link.springer.com/article/10.1007/s13198-023-02084-y">https://link.springer.com/article/10.1007/s13198-023-02084-y</a>
"Generalised multi release framework for fault determination with fault reduction factor."	Khurshid, Shozab, Avinash K. Shrivastava, and Javaid Iqbal.	Department of Computer Sciences	International Journal of Information and Computer Security	2023		<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJICS.2022.121296">https://www.inderscienceonline.com/doi/abs/10.1504/IJICS.2022.121296</a>
Skull stripping on multimodal brain MRI scans using thresholding and morphology	Sajid Y Bhat, Afnan Naqshbandi, Muhammad Abulaish	Department of Computer Sciences	The Imaging Science Journal	2023		<a href="https://www.tandfonline.com/doi/abs/10.1080/13682199.2023.2208923">https://www.tandfonline.com/doi/abs/10.1080/13682199.2023.2208923</a>
OvSbChain: An Enhanced Snowball Chain Approach for Detecting Overlapping Communities in Social Graphs	Jayati Gulati, Muhammad Abulaish, Sajid Yousuf Bhat	Department of Computer Sciences	International Journal of Advanced Computer Science and Applications	2022		<a href="https://www.proquest.com/openview/c3f8fabb0beb0ce908ed65d8bdf15e01?pq-origsite=gscholar&amp;cbl=5444811">https://www.proquest.com/openview/c3f8fabb0beb0ce908ed65d8bdf15e01?pq-origsite=gscholar&amp;cbl=5444811</a>
Scaling density-based community detection to large-scale social networks via MapReduce framework	Muhammad Abulaish, Ishfaq Majid Bhat, Sajid Yousuf Bhat	Department of Computer Sciences	Journal of Intelligent & Fuzzy Systems	2020		<a href="https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs182765">https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs182765</a>