



# University of Central Punjab, Lahore

## Faculty of Information Technology & Computer Science

### Journal Publications

Sr.	Journal View	HEC Cat.	Impact Factor	Year
1.	<a href="#">S. Iqbal, A. N. Qureshi, A heteromorphous deep CNN framework for Medical Image Segmentation using Local Binary Pattern</a> , IEEE Access , vol: 10 , issue: 1 , pages: 63466-63480, HEC Category:W , IF: 3.367, publisher: IEEE , 2022	W	3.367	2022
2.	<a href="#">S. Mahmood, M. M. S. Fareed , G. Ahmed , F. Dawood , A robust deep model for classification of peptic ulcer and other digestive tract disorders using endoscopic images</a> , Biomedicines , vol: 10 , issue: 9 , pages: 2195, HEC Category:W , IF: 4.757, publisher: MDPI , 2022	W	4.757	2022
3.	<a href="#">D. S. Bhatti, S. Saleem , A. Imran, Z. Iqbal, A. Alzahrani , H. Kim, K. Kim , A survey on wireless wearable body area networks: A perspective of technology and economy</a> , Sensors , vol: 22 , issue: 20 , pages: 47, HEC Category:W , IF: 3.847, publisher: MDPI , 2022	W	3.847	2022
4.	<a href="#">I. A. Choudhry, A. N. Qureshi , Detection of lung nodules on X-ray using transfer learning and manual features</a> , Computers, Materials & Continua , vol: 72 , issue: 1 , pages: 1445-1463, HEC Category:W , IF: 3.860, publisher: Tech Science Press , 2022	W	3.860	2022
5.	<a href="#">S. Iqbal**, A. N. Qureshi, A. Ullah, J. Li , T. Mahmood , Improving the robustness and quality of biomedical CNN models through adaptive hyperparameter tuning</a> , Applied Sciences , vol: 12 , issue: 22 , pages: 11870-11889, HEC Category:W , IF: 2.838, publisher: MDPI, Switzerland, WCollaboration: Foreign, China , 2022	W	2.838	2022
6.	<a href="#">I. Naseer, T. Masood, S. Akram, A. Jaffar, M. Rashid, M. A. Iqbal , Lung cancer detection using modified alexnet architecture and support vector machine</a> , Computers, Materials and Continua , vol: 74 , issue: 1 , pages: 2039-2054, HEC Category:W , IF: 3.860, publisher: Tech Science Press , 2022	W	3.860	2022
7.	<a href="#">S. Iqbal, A. N. Qureshi, G. Mustafa , Hybridization of CNN with LBP for classification of melanoma images</a> , Computers, Materials & Continua , vol: 71 , issue: 3, HEC Category:W , IF: 3.772 , 2022	W	3.772	2022

8.	<b>S. Iqbal, A. N. Qureshi</b> , <a href="#">Deep-Hist : Breast Cancer diagnosis through histopathological images using convolution neural network</a> , Journal of Intelligent and Fuzzy Systems , vol: 43 , issue: 1 , pages: 1347-1364, HEC Category:X , IF: 1.739, publisher: IOS Press, Netherlands, Collaboration: Local, UCP only , 2022	X	1.739	2022
9.	<b>K. Ali, A. N. Qureshi</b> , M. S. Bhatti, A. Sohail, M. Hijji , <a href="#">Defending adversarial examples by a clipped residual U-net model</a> , Intelligent Automation & Soft Computing , vol: 35 , issue: 2 , pages: 2237-2256, HEC Category:X , IF: 3.401, publisher: Tech Science Press , 2022	X	3.401	2022
10.	<b>K. Ali, A. N. Qureshi</b> , <a href="#">De-noising brain MRI images by mixing concatenation and residual learning (MCR)</a> , Computer Systems Science and Engineering , vol: 45 , issue: 2 , pages: 1167-1186, HEC Category:X , IF: 4.397, publisher: Tech Science Press , 2022	X	4.397	2022
11.	<b>M.Yaseen</b> , S. Ali, A. Mustapha, <b>N. Mazhar</b> , <a href="#">Success factors analysis for requirement elicitation in global software development paradigm: An empirical study</a> , Journal of Software: Evolution and Process , vol: 34 , issue: 7, HEC Category:X , IF: 1.864, publisher: Wiley , 2022	X	1.864	2022
12.	M. A. Jabbar, M. Hussain, S. Farooqi, <b>M. Ashraf</b> , <a href="#">Formal modeling and analysis of integrated healthcare system using colored petri nets</a> , VFast Transactions on Software Engineering , vol: 10 , issue: April-June 2022 , pages: 211-226, HEC Category:Y , IF: 0.000, publisher: VFast , 2022	Y	-	2022
13.	T. Iqbal , <b>A. Farooq</b> , N. Sarwar, <b>M. Ashraf, A. Irshad</b> , <a href="#">Prediction of breast cancer using machine learning techniques</a> , BioScientific Review , vol: 4 , issue: 1 , pages: 59–75, HEC Category:Y , IF: 0.000, publisher: BSR , 2022	Y	-	2022
14.	S. N. Kayani , S. Nawaz , H. B. U. Haq, <b>M. Z. Hassan</b> , M. Z. Hussain, W. Akram , <a href="#">Smartbin: An approach to smart living community using IOT techniques and tools</a> , Pakistan Journal of Engineering and Technology , vol: 5 , issue: 4 , pages: 44-51, HEC Category:Y , IF: 0.000 , 2022	Y	-	2022
15.	<b>A. Tariq</b> , et. al. , <a href="#">Systematic approach for re-sampling and prediction of low sample educational datasets</a> , International Journal of Computing and Digital Systems , vol: 12 , issue: 1 , pages: 1203-1214, HEC Category:Y , IF: 0.000, publisher: University of Bahrain , 2022	Y	-	2022
16.	H. B. U. Haq, <b>M. Z. Hassan</b> , M. Z. Hussain, R. A. Khan, S. Nawaz, H. R. Khokhar, M. Arshad , <a href="#">The impacts of ethical hacking and its security mechanisms</a> , Pakistan Journal of Engineering and Technology , vol: 5 , issue: 4, HEC Category:Y , IF: 0.000 , 2022	Y	-	2022

**Author\*** means author exhibits dual affiliations, in which UCP is declared as primary institute.

**Author\*\*** means author exhibits dual affiliations, in which UCP is declared as secondary institute.

**Journal Name\*\*\***: Impact factor journal Not found in HEC database.

## ▪ Conference & Miscellaneous Publications

Sr.	Conference View	Year
1	I. Sadia, <b>A. Mahmood</b> , <a href="#">Analysis and forecasting of blockchain-based cryptocurrencies and performance evaluation of TBATS, NNAR and ARIMA</a> , Proc. of the IEEE International Conference on Artificial Intelligence in Engineering and Technology (IICAIET) , 2022	2022
2	M. Awais, <b>M. A. Tariq</b> , et. al. , <a href="#">Anti-ant - framework for android malware detection and prevention using supervised learning</a> , Proc. of the 4th International Conference on Advancements in Computational Sciences (ICACS'23) , 2022	2022
3	<b>M. Zubair</b> , <a href="#">Automated grading of diabetic macular edema using color retinal photographs</a> , Proc. of the International Conference of Smart Systems and Emerging Technologies (SMARTTECH) , publisher: IEEE , 2022	2022
4	<b>A. Mahmood*</b> , S. R. Azzuhri, <b>A. N. Qureshi</b> , et. al. , <a href="#">Hand-foot-mouth disease classification using features from fibre grating biosensor spectral data</a> , 2022 IEEE International Conference on Artificial Intelligence in Engineering and Technology (IICAIET) , 2022	2022

## Book Chapter

1	I. Feroz/ N. Ahmad (? Confirm UCP Affiliation) Usability based rating scale (UBRS) for evaluation of mobile health (mHealth) applications Book Ch.# 2 , Human-Computer Interaction and Beyond: Advances Towards Smart and Interconnected Environments , vol: 2 , pages: 27-48 , publisher: Bentham Science , (Book Chapter)	2022
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