Noreen Fayyaz Khan

CONTACT INFORMATION	**OFFICE ADDRESS** Department Of Computer Science Phone: +92 0915885500 Fata University Email_1: noreen.fayyaz@fu.edu.pk District Kohat, KPK, Pakistan Email_2: noreenkamil2@gmail.com Skype Id: noreenkamil2
RESEARCH INTERESTS	Image analysis, Feature learning, video summarization, Deep Learning, Machine Learning, Digital Image Processing, Artificial Intelligence, Design and Analysis of Convolutional Neural Network (CNN), Optimization of Convolutional Neural Network, Long-short term Memory (LSTM), Mobile Net, Big Data Analytics and Data Mining.
EDUCATION	**Master of Science in Information Technology (June,2007 - Nov,2009)** • Topic: Classification of Male and Female hands in Real time Environment. • Silver Medalist (CGPA: 3.99/4.0) **BCS (Hons)., Information Technology (Jan,2003 - April,2007)** • Topic: Online Transaction • Gold Medalist (CGPA: 3.77/4.0)
RESEARCH LAB ATTENDED	**Digital Image Processing Lab** (*March, 2018, till dated*) *Lab Head: Dr. Muhammad Sajjad* Department of Computer Science Islamia College University, Peshawar
WORK EXPERIENCE	1. **Lecturer (***21 March 2019.....TILL DATED)* Department of Computer Science FATA University. 2. **Lecturer** (*2 September 2014 20 March 2019)* Agriculture University, Peshawar 3. **Web portal coordinator** (*March 2007 March 2008)* Directorate of Information Technology
CURRENT ACTIVITIES	▪ Member of Syndicate Body at FATA University ▪ Member Board of Studies ▪ Teaching to Bachelor and Master Students ▪ Supervision of BS students ▪ Member of Female Sports Committee at FATA University. ▪ Member of Harassment Committee at university. ▪ Member of Admission Committee. ▪ Member of Abaseen foundation Pakistan, charitable body, working in the

	field of health, education, research and humanitarian relief. ▪ Female staff proctor and a member of "Female Grievances Committee" at IBMS.
WORKSHOPS & TRAININGS	• Conducted workshop on "Google Classroom" for online Teaching at FATA University. • Conducted workshop on "Microsoft Team" for training the Faculty at FATA University. • Conducted 3 days' workshop on "Office Automation" at Graduate College, FR- Peshawar. • Currently, getting online-trainings on "Capacity building of Academic Leadership in Research, Teaching and Service", collaboration with USEFP.
CERTIFICATIONS	▪ Certificate of Participation in seminar on "Research Proposal and report writing". ▪ Certificate of Experience in English Works! Program. ▪ Certificate of Participation in Tech Camp at Lahore by Professor Dr. John, team-member U.S State department ▪ Certificate of Experience as Female Staff Proctor.
PROGRAMMING TOOLS	Python, MATLAB, JavaScript, CSS, PHP, visual programming, HTML, C++,
JOURNAL PUBLICATIONS	Habib, Shabana, and Noreen Fayyaz Khan. "An Optimized Approach to Vehicle-Type Classification Using a Convolutional Neural Network." CMC, 2021, vol.69, no.3, pp. 3321-3335, DOI:10.32604/cmc.2021.015504
CONFERENCE PROCEEDINGS	▪ Noreen Fayyaz Khan, Altaf Hussain, Abbas khan, Imran Ud Din, "Categorized Violent Contents detection in cartoon movies using Deep Learning Model: Mobile Net", The 5th International Conference on Next Generation Computing 2019, pp.75-77. ▪ Altaf Hussain, Abbas Khan, Hikmat Yar, Noreen Fayyaz khan, "Efficient Deep learning Approach for Classification of Pneumonia using Resources Constraint Devices in Healthcare", The 5th International Conference on Next Generation Computing 2019, pp.185-188. ▪ Abbas khan, Altaf Hussain, Noreen Fayyaz khan, Sultanat Shah, "Aerial Imagery Super-Resolution Using a Super Resolution Generative Adversarial Network", The 5th International Conference on Next Generation Computing 2019, pp.193-195.

	▪ Noreen Fayyaz Khan, Muhammad Kamil, Altaf Hussain, Muhammad Sajjad "Detection and classification of Vehicle-Type by using Convolution Neural Network", The 4th International Conference on Next Generation Computing 2018 pp.360-363.
BOOKS PUBLISHED	▪ "Mobile Devices and Smart Gadgets in Human Rights" by Sajid Umair, Muhammad Yousaf Shah, Noreen Fayyaz khan, Imran ud din published in IGI GLOBAL DOI: 10.4018/978-1-5225-6939-8
PROJECTS	▪ IT Instructor, in English Works! Program sponsored by US Embassy (RELO). ▪ Computer Instructor, in Prime Minister "Kamyab Jawaan-Skills for All" Program (Web Designing Module-2020) ▪ Computer Instructor, in Prime Minister "Kamyab Jawaan-Skills for All" Program (Graphics Module-2021)
REFERENCES	**Prof. Dr. Muhammad Islam** Head of Departments Electrical Engineering & Renewable Energy Engineering Onaizah colleges- Qassim- KSA. Email: islam.eeng@gmail.com **Assoc. Prof. Dr. Zahoor Jan** Department of Computer Science Islamia College, Peshawar Email: zahoor.jan@icp.edu.pk **Assist. Prof. Dr. Bilal Jan** Department of Computer Science FATA University Email: bilal.jan@fu.edu.pk