



President's Research Bursaries 2021/22

Supervisor Profile	
Name Email	Dr. Shagufta Henna shagufta.henna@lyit.ie
Current Research Interests	Self-Supervision in Deep Learning, Graph Neural Networks, Deep Attention Networks, Self-explainable Artificial Intelligence, Distributed Deep Learning/Graph Representation Learning for Networks
Career Profile (Education and Employment)	<ul style="list-style-type: none"> • Postdoc, Deep Learning for Virtualized Networks, Waterford Institute of Technology, Ireland • PhD Computer Science, University of Leicester, UK • Master's in Computer Science, COMSATS University, Islamabad, Pakistan • Bachelor 's in Computer Science, Honour's degree, University of Central Punjab, Lahore, Pakistan • Senior Assistant Professor, 2013-2018, Bahria University, Islamabad, Pakistan • Lecturer, Department of Computing, Letterkenny Institute of Technology, 2019- to date
Key Achievements	<ul style="list-style-type: none"> • BS Hons (1st Class with 90%) Computer Science • MS Computer Science (1st Class with 83%) • Fully funded PhD, Higher Education Commission • Fully funded HEC fellowship for MS • LYIT President's Research Awards 2020 to 2022 • Distinguished Teacher of the year Award, 2017 • Supervision of 37+ students Master taught dissertations to successful completion, in Artificial Intelligence, Big Data Analytics, Machine Learning, Internet of Things, Virtualized Networks, and Autonomous and Future Networks • Co-investigator of the project "Investigation on hybrid RF/FSO links for dust storm conditions" funded by the Al-Yamamah University Riyadh KSA • Primary author of the Focus Group on Machine Learning for Future Networks including 5G " specification: "Requirements, architecture and design for machine learning function orchestrator", upcoming standard, International Telecommunication Union (ITU), a standardization agency for the telecommunication. • Appreciation letter for Outstanding Annual Efficiency, Bahria University, Islamabad • Associate Editor Springer EURASIP Journal on Wireless Communications & Networking • Associate Editor Springer Human-centric Computing & Information Sciences journal • Associate Editor IEEE Future Directions & IEEE Access Journal • Member of Advisory Group on High-Performance Computing (HPC), Ireland
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