

Dr. Syed Muhammad Sheraz

Assistant Professor

1. About

Dr. Syed Muhammad Sheraz has been working at NED University of Engineering & Technology since 2007. He has completed his Ph.D. (Energy Efficient and Performance Optimized Design for Data Centers) under the supervision of Dr. Muhammad Asad Arfeen and Dr. Umama Haider (University of East London). He is currently serving as the Assistant Professor in the Department of Software Engineering, NED University of Engineering & Technology.

2. Education and Certification

- Ph.D - CS (April 2024)
- MEngg. – CS (2010)
- B.E. – CIS (2007)

3. Honors and Awards

Secretary (Sindh Region) - Cloud Security Alliance Pakistan Chapter (August 2021 till date)

- Organization of CSA PAKISTAN SUMMIT 2021
- Cloud Adoption in Pakistan

4. Professional/Community/Industrial Services

- ISO Coordinator
- Internship Coordinator
- Member, Duty Society (nominated from the Department)
- Member, Course Review Committee (CRC)
- Member, M. Engg. Self-Assessment Report (SAR) Committee
- Member, OBE Team in the Department
- Member, FYDP Evaluation Committee

5. Supervision




Ongoing ISPs

- Mental Health Insights through AI Journaling
- Local Marketing Strategy Through NLP

Ongoing Final Year Projects

- Natural Language Processing Based Student Companion System
- SportEaze

6. Research Publications

Journal Publications			
	Publication Details	Quartile	IF
1.	S. M. Sheraz , A. Arfeen and U. Haider, A port consolidation model for data center network infrastructure energy efficiency. Sustainable Computing: Informatics and Systems . DOP: 2024-02-24. DOI: https://doi.org/10.1016/j.suscom.2024.100973		3.8
2.	S. M. Sheraz , A. Arfeen and U. Haider, Energy-Efficient Data Center Network Infrastructure With Network Switch Refresh Model. IEEE Access . DOP: 2023-05-02. DOI: https://doi.org/10.1109/ACCESS.2023.3272499		3.4
3.	Sheraz Syed , Asad Arfeen, Riaz Uddin, Umaira Haider, An Analysis of Renewable Energy Usage by Mobile Data Network Operators. Sustainability . DOP: 2021-02-09. DOI: https://doi.org/10.3390/su13041886		3.3
Conference Publications			
4.	Ahmed, H., Ismail, M. A., Hyder, M. F., Sheraz, S. M. , & Fouq, N. (2016). Performance comparison of spark clusters configured conventionally and a cloud serviceE. Procedia Computer Science , 82, 99-106. DOI: https://doi.org/10.1016/j.procs.2016.04.014		
5.	Sheraz, Syed Muhammad , Syed Ali Abbas, and Humera Noor. Fuzzy rule based traffic signal control system for oversaturated intersections. 2009 International Conference on Computational Intelligence and Natural Computing . Vol. 2. IEEE, 2009. DOI: 10.1109/CINC.2009.245		