



Mr. Syed Mamnoon Akhter

Lecturer

Department of Applied Physics, University of Karachi
Email: mamnoon.akhter@uok.edu.pk

About

--

ORCID:

Google Scholar: [h-A3X8QAAAAJ&hl](https://scholar.google.com/citations?hl=h-A3X8QAAAAJ&hl)

LinkedIn: [Syed-Mamnoon-Akhter-2](#)

ResearchGate:

Education

- MSc, Applied Physics.
University of Karachi, Pakistan
(2007)

Research Interests

- Signal Processing
- Mathematical Modelling
- Nonlinear Control
- Neural Networks

Awards & Honors

▪

Selected Publications

- Yasin, N., Naqvi, S. M. D., & Akhter, S. M. (2024). Simultaneous spectrophotometric determination of Co (II) and Co (III) in acidic medium with partial least squares regression and artificial neural networks. *Heliyon*, 10(4).
- Tahir, A., Akhter, M., Uddin, Z., & Sarim, M. (2021). Neural network and regression methods for estimation of the average daily temperature of Hyderabad for the years 2018–2020. *International Journal of Economic and Environmental Geology*, 12(2), 87–91.
- Zaheer, F., Jilani, S. U., Uddin, M. A., Insaf, A., Mamnoon, A. S., & Uddin, Z. (2021). A new approach to assess wind potential. *Global Nest Journal*, 23(4), 532–543.
- Tahir, A., Ashraf, M., Akhter, M., Uddin, Z., & Sarim, M. (2021). New regression models for estimation of daily temperature of Karachi and its neural network analysis. *Global Nest Journal*, 23(4), 519–525.
- Naz, S., Iqbal, M. J., Akhter, S. M., & Hussain, I. (2016). The Gumbel mixed model for flood frequency analysis of Tarbela. *The Nucleus*, 53(3), 171–179.
-

Supervision

▪

Administrative Roles

- Students' Advisor
- Curriculum development as members of Board of Studies.

Professional Memberships

▪