

Dr. Naveed Ishtiaq Chaudhary



Personal Information

Date of Birth: AUG 20, 1988

Fathers Name: Ch. Ishtiaq Ahmed

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Rawalpindi, Pakistan

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Education

- **PhD Electronic Engineering** **2018** **Percentage: 87%** **CGPA: 3.91/4.0**
International Islamic University, Islamabad, Pakistan
- **MS Electronic Engineering** **2013** **Percentage: 84%** **CGPA: 3.90/4.0**
International Islamic University, Islamabad, Pakistan
- **BS Electronic Engineering** **2010** **Percentage: 82%** **CGPA: 3.74/4.0**
International Islamic University, Islamabad, Pakistan
- **HSSC Pre Engineering** **2006** **Percentage: 76%**
Divisional Public School & College Rawalpindi, Pakistan
- **SSC Science** **2004** **Percentage: 79%**
Divisional Public School & College Rawalpindi, Pakistan

Experience

Organization	Designation	From	To
International Islamic University Islamabad	Assistant Professor	27 July 2018	Present
International Islamic University Islamabad	Lecturer	16 Mar 2014	26 July 2018

Research profile

Google Scholar Profile:

No. of publications: 50+ Citations: 900+ **Cumulative Impact Factor (2019 JCR): 180+**
<https://scholar.google.com/citations?user=okVMi4UAAAJ&hl=en>

Research Gate Profile:

No. of publications: 50+ Citations: 640+ RG Score: 29.11
https://www.researchgate.net/profile/Naveed_Ishtiaq_Chaudhary/research

Publons Profile:

No. of publications: 47 Citations: 670+
<https://publons.com/researcher/1379078/naveed-ishtiaq-chaudhary/publications/>

Research Interests

Nonlinear system identification; Parameter estimation; Fractional calculus; Optimization heuristics; Machine learning; Computational intelligence; Learning algorithms.

Academic/Professional Membership

- Institute of Electrical and Electronic Engineering (IEEE), Professional member
- Pakistan Engineering Council (Member), Registration No. ELECTRO/12963

Some Journal Publications

- [1] **NI Chaudhary**, MAZ Raja, Y He, ZA Khan, JAT Machado, Design of multi innovation fractional LMS algorithm for parameter estimation of input nonlinear control autoregressive systems, *Applied Mathematical Modelling*, 93 (2021) 412-425.
- [2] **NI Chaudhary**, M Ahmed, N Dedovic, MAZ Raja, (2020). Momentum Least Mean Square Paradigm for Measurement of Nonlinear CARAR System Parameters. *Journal of Computational and Nonlinear Dynamics*, 15(3), (2020) 031004.
- [3] **NI Chaudhary**, R. Latif, MAZ Raja, JAT Machado, An innovative fractional order LMS algorithm for power signal parameter estimation. *Applied Mathematical Modelling*, (2020).
- [4] **NI Chaudhary**, S Zubair, ZA Khan, MAZ Raja, N Dedovic, Normalized fractional adaptive methods for nonlinear control autoregressive systems, *Applied Mathematical Modelling*, 66 (2019) 457-471
- [5] **NI Chaudhary**, S Zubair, MS Aslam, MAZ Raja, JAT Machado, Design of momentum fractional LMS for Hammerstein nonlinear system identification with application to electrically stimulated muscle model, *The European Physical Journal Plus*, 134 (2019), 407

References

1. Dr. Muhammad Asif Zahoor Raja
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