LAIQ KHAN

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URL: http:// ciit-atd.edu.pk/researchgroups/NewResearchMembers.aspx?templateid=2

EDUCATION

- **1998-2003** PhD in Electrical Engineering (Power System Dynamics and Control)
- Department of Electronic and Electrical Engineering, Strathclyde, University Glasgow, United Kingdom (UK)
- **Supervisor: Professor K. L. Lo**
- **Thesis Title:** Hybrid AI Paradigms Applied to Power system Damping Controls
- **1991-1996 BSc (Hons) in Electrical (Power) Engineering,** KPK University of Engineering & Technology Peshawar, Pakistan

SCHOLARSHIPS & AWARDS:

- 1. Annual Research Productivity award (every year from 2008-2013) from COMSATS Institute of IT, Pakistan.
- 2. **SS-100 Merit** Scholarship for **PhD** abroad awarded by Ministry of Education Govt., of Pakistan.
- 3. **Merit** Scholarship in **BSc** Electrical Engineering awarded by KPKUniversity of Engineering and Technology Peshawar, Pakistan.

PROFESSIONAL EXPERIENCE:

- **01-02-2008-19-07-2011 Associate Professor,** COMSATS Institute of IT Abbottabad, Pakistan
- **08-06-2003-31-01-2008 Assistant Professor,** Ghulam Ishaq Khan Institute of Engineering Sciences and Technology Topi, KPK, Pakistan
- **Visiting Faculty:** University of Engineering and Technology Peshawar, KPK, Pakistan.
- **10-05-1996-20-08-1998 Field Engineer:** Power Division Siemens Pakistan Engineering Company Ltd., Islamabad, Pakistan.
- **Participation in Projects:**

Installation, testing & commissioning of Diesel Generating Sets.

Nizampure Cement Plant (3000 T.P.D (tons per day)).

Maple Leaf Cement Plant (3300 T.P.D.)

Metering system of P.S.O (Pakistan State Oil) terminal at Sihala.

BOOKS PUBLISHED

1. Recurrent Adaptive NeuroFuzzy Paradigms: Vehicle's Suspension Control, Publisher: LAP LAMBERT Academic Publishing, Saarbrücken, Germany, ISBN: 13-9783659480003, Dec. 25, 2013.
2. Adaptive NeuroFuzzy Control Paradigms: Applications to Full Car Active Suspension System, LAP LAMBERT Academic Publishing, Saarbrücken, Germany, ISBN-13: 978-3659373886, June 7, 2013.
3. Adaptive Soft Computing Techniques: Full Car Suspension Control, LAP LAMBERT Academic Publishing, Saarbrücken, Germany, ISBN: 3659350109, Aug 17, 2013.

SOFTWARE TOOLS DEVELOPED

1: SPSPS Matlab Toolbox

2: PSTSS Matlab Toolbox:

3: HPSST Matlab Toolbox

4. SCRFS Matlab Toolbox

5. OANIS Matlab Toolbox

REFERENCES:

Professor K. L. Lo
CEPE,
Electronic & Electrical Engg. Deptt.,
Royal College Building,
University of Strathclyde,
204 George Street,
Glasgow, UK.
Professor Fazal ur Rehman
Electrical Engineering Deptt.,
Muhammad Ali Jinnah University,
Islamabad, Pakistan.

Thank you