

CURRICULUM VITAE

PERSONAL DATA

Name	Lubna Moin
Father's Name	N.B Chughtai
Husband's Name	Dr. Moin-uz-Zaman Baig
Nationality	Pakistani
Religion	Islam
Date of Birth	20 th September 1969
Place of Birth	Karachi
N.I.C Number	42201-0522427-8
Address	65-B Block-2 P.E.C.H.S Ghazali road Karachi
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ACADEMIC DATA

- Registered in Ph. D program in NUST, passed Ph.D qualifying exam and now in research phase.
- Masters of Engineering MS (Electrical) in the field of control systems from National University of Science and Technology –NUST. In the year 2005 securing GPA 3.06.
- Bachelor of Engineering BE (Electrical) from N.E.D University of engineering and Technology in the year 1993 securing First division.
- Intermediate from St. Joseph's Degree College securing A grade.
- Matriculation from Little Folks Secondary School securing A grade.

PROFESSIONAL EXPERIENCE

TEACHING EXPERIENCE

Teaching in Pakistan Navy Engineering College-as a faculty member of National University of Science and Technology NUST since November 2000.i.e approx. years teaching experience.

Worked as Technical Support Engineer in Dynamic Technology Co-Operation for one year, from January 1994-December 1994.

RESEARCH PUBLICATIONS:

1. "Design and Implementation of a Fuzzy Controller to Improve Non Linearity in the Operation of an Airplane with an Autopilot in an Longitudinal Mode" Presented in the 8th International Conference on Fuzzy Systems and Knowledge Discovery (FSKD'11China) and Published in EI Indexed Proceedings in 2011.(EI Indexed) Impact 1.194
2. "Simulation of Model based Design Using Real Time Windows" published in UBICC Ubiquitous computing and Communication Journal South Korea, ISSN 1992-8284 in January 2010.(Cross ref Indexed),volume 01.
3. A Unified Modeling Approach using Bond Graph Method and its Application for Model Order Reduction and Simulation in Ubiquitous computing and communication Journal, UBICC Crossref Indexed Journal. South Korea . 2007 (Crossref Indexed)
4. System Response Analysis and Model Order Reduction, Using Conventional Method, Bond Graph Technique and Genetic Programming in The Journal on Systemic, Cybernetics and Informatics (JSCI) Indexed in EBSCO ISSN: 1690-4524. Volume 7 no.2 in 2009. USA. (EBSCO Indexed)
5. Utility of Bond Graph in Constructing a Genetic tree for a multi domain System in Technocrat Journal PNEC.
6. Modeling, Model Order Reduction and Simulation of High Pass Filter using Bond Graph Method in Technocrat Journal PNEC.
7. "Application of Genetic programming and Bond Graph method for Electrical system".in; 11th World Multi conference on Systemic, Cybernetics and Informatics (WMSCI 2007) held in Orlando, USA. ISBN -10:1-934272-16-7 .pg#146-151
8. "Application of Tree structured Transfer function to an Electromechanical system, it's comparison with conventional method and application for model order reduction".in; International conference on computational intelligence for Modeling, Control and Automation CIMCA 2005 held in Austria November 2005, ISBN-13:978-0-7695-2504-4ISBN-10:0-7695-2504-0Library of Congress Number200593565.pg#562-567

HONORS AND ACHIVEMENTS

- Awarded the “**Best Paper Award**” in the 12th World Multi-Conference on Systemics, Cybernetics and Informatics, WMSCI 2008 held on June 29th – July 2nd 2008 in Orlando USA.
- Selected for **Best teacher CNS Award** from EPE department
- Selected for **ASAIHL-Scopus Young Scientist Award**.
- Reviewer of many research papers for International conferences
- Member of Program committee for IIS USA.
- Written MATLAB Manual and Electronic 1. Manual. MATLAB manual has a complete indebt details for control systems.
- Completed the Teacher’s Training Course from PNS Bahadur in 2000 and has secured highest marks on teaching talent.
- Passed the ISO 9001:2000. Also has gone successfully through computer architecture course , Fortran programming and pspice simulation courses.

ADMINISTRATIVE DUTIES

1. OIC Control lab
2. OIC Research Materials
3. In charge self Assessment Team Electrical
4. Internal Auditor
5. Member of Quality Assurance Team
6. Organizer of First International Conference at PNEC.NUST

AFFILIATIONS AND MEMBERSHIPS

Member of the Institute of Electrical and Electronics Engineers, New York, IEEE, USA. 80057360

Active Member of International Institute of Informatics and Systemic IIS, USA. 197110

Member of Pakistan Engineering Council, Pakistan, Elect/11350

Reviewer of many International conference/Journal papers.

