

Prof.Dr.Attaullah Khawaja
A-23, City Villas, Near Safoora chorangi
University road Karachi, Pakistan
Phone off# 0092-21-9261261 Ext.2257
Cell#0092-300-9272565
E-mail: atta_khawaja@yahoo.com

PROFILE

Experienced Teacher, Electrical Engineer and Coordinator with technical and administrative skills from conceptual stage to production level.

Good Administrator, Strategic planner, Implementer and decision maker with strong interpersonal communication and motivational skills.

Embrace new responsibilities and challenges. Calm, outgoing professional who can successfully interact with staff and different organizations.

Over 17 years Experience in Prestigious Organizations.

EXPERIENCE

Professor with NED University of Engg. & Tech., Karachi, Pakistan

Responsibilities

1-Supervise the Accreditation and Re-Accreditations of the Programmes in the department.

2-Teaching the under graduate and Postgraduate students and supervise the Masters and final year thesis projects.

**3-Co-Chairman and M.Engg Coordinator:
Includes the following responsibilities**

- To Design and manage the Registration schedule of the M.Engg Programme
- To Design and manage the Pre-admission entry test schedule of the M.Engg Programme
- To create and edit the course schedule for fall and Spring Semesters.
- To conduct the examinations as the Factotum
- To assign the courses to the Faculty members
- To Look after/run the whole Department in the absence of Chairman
- Supervise the Masters Dissertations

Member Board of Studies:

All academic issues can be discussed in the BOS – including research proposals, any changes in courses, regularity of classes / practicals, customer feedbacks, improvements in workbooks, designing new courses or programmes etc.

Member Board of Faculty:

All academic related issues recommended by Boards of Studies in that Faculty are discussed and recommendations submitted in Academic Council.

Member Academic Council:

All academic matters recommended by Boards of Faculties are reviewed and recommendations made to the Syndicate for approval.

Courses taught and teaching

- Optical Fiber Communications
- Communication Management
- Electrical Power Generation
- Electrical power distribution and utilization
- Electrical power system analysis
- Electrical power system protection
- Electrical technology fundamentals
- Information and coding Theory
- Probability and Random Processes

Masters Projects Supervised

- **An Analytical Approach for Optimizing Backhaul Capacity in Mobile Networks Using MPLS**
- **Detection & Tracking of the Object in Crowded Scene with Multi-Camera Surveillance**
- **Image Processing with a specific focus on Early Tumor Detection**
- **LTE-Physical layer implementation and LTE Optimization through performance Evaluation (Regarding FR end Issues)**
- **3D Volume Representation of Tumor**

In progress Masters Projects.

- **Prformance Evaluation of Evaluation of Energy efficient Medium access control protocol for wireless sensor Networks.**
- **Simulation and performance Analysis of wireless sensor Networks and the effects of channel parameters on system behavior**
- **Implementation of Advance ENCRYPION standard (AES) on FPGA**
- **Comparative Analysis of ZTE soft switch and Huawei sofr Switch**

EDUCATION

2007	PhD(Comm.&Info.Systems)	BIT,P.R.China	
2002	M.Engg.(Electrical)	3.1 GPA	NED U.E.T Karachi
1995	P.G.D(Public:Admn)	1 st Division	US Jamshoro
1993	B.E (Electrical)	1 st Division	MUET Jamshoro

PERSONAL

Date of birth 05-04-1970
Nationality Pakistani
N.I.C.No. 42201-2573442-3
Mailing address A-23, City Villas, Near Safoora chorangi
 University road Karachi, Pakistan
E-mail: atta_khawaja@yahoo.com

EMPLOYMENT

1-NED University of Engg. & Tech., Karachi, Pakistan

- Lecturer form 97 to 2000
- Assistant professor from 2000 to 2007
- Associate Professor from 2007 to March 2010
- Professor March 2010 to till date

2- Jafri and associates consulting engineers.

- Junior Engineer on **IBRD and OECF Japan** Projects from 94 to 97

TRAININGS/COURSES/SEMINARS/CONFERENCES/MEETING

- **Power generation and transmission** a three days training programme organized by NED University of engineering and technology in collaboration with PETROMAN
- **Operations management for engineers** a seven days training event organized by NIPA in collaboration with center for continuing engineering education NED University.
- **Technical English language course** one month under British council ODA/ Project
- **International Conference on Image and Graphics September 21-23, 2009, Xi'an, China.**
- **2nd International Conference on Computer Engineering and Applications ICCEA 2010, Indonesia, March 2010.**
- **International conference on Telecom and IT-ICIT, August 11-12, 2008, Expo centre Karachi.**
- **One-Day Video Conferencing Workshop-Cum-Training Course, November 03, 2007, LEJ National Science Information Center University of Karachi.**
- **IEEEP 24th Multi topic International Symposium 2009, April 08, 2009 at Pear Continental Hotel, Karachi.**
- **The 2010 International Conference on Modeling, Simulation and Control (ICMSC 2010)" November 2-4, 2010 in Cairo, Egypt.**

- 2011 International Conference on Machine Learning and Computing (ICMLC 2011) to be held on February 26-28, 2011, in Singapore.
- IEEEEP 26th Multi topic International Symposium 2011, March 16-17, 2011 at Pear Continental Hotel, Karachi.
- Attended PEC Re-Accreditation visit of UET Peshawar as an Expert Member on 07-09 July, 2011
- Attended special meeting of Conveners and secretaries of NCRC at HEC Regional center Peshawar on 09-12 June, 2011
- Attended 82nd Adjourned meeting of selection Board of MUET Jamshoro as an Expert Member on 24 May, 2011
- Attended PEC Zero visit of QUEST, Nawabshah as Convener and Expert Member on 19-20 June, 2011
- Attended PEC Re-Accreditation visit of UET,Lahore, Faisalbad Campus as Expert Member on 18-19 March, 2011
- Attended PEC Zero visit of Army Public College of Management Sciences(APCOMS), Rawalpindi as Convener and Expert Member on 17 January, 2011
- Attended PEC Review and Zero visit of National University of Computer and Emerging Sciences(NUCES) Islamabad as Convener and Expert Member on 09-10, July 2010
- Attended PEC Re-Accreditation visit as an Expert Member of UET Peshawar on 21-22 June, 2010.
- Attended COMPEC-2010 as JUDGE held at EME College, NUST, Rawalpindi on 04-06 June, 2010

Research Publications

List is attached

Memberships

- Member PEC (Membership # ELECT-11468)
- Member IEEE (Membership # 90414417)
- Member IACSIT (Membership # 80340429)
- Member IAE (Membership # 113196)

LANGUAGES KNOWN

English, Urdu, Sindhi

COMPUTER SKILLS

MS word, Excel, Internet & email

REFERENCES

Available on demand.