Dr. Atiq Ahmed

Assistant Professor

Education

2007–2010 **Doctorate in Computer Science**, *Institut Charles Delaunay, Université de Technologie de Troyes*, Troyes-France, *Très honorable avec félicitations du jury*.
Thesis Title: *Continuity of Service in Heterogeneous Wireless Networks with Multi-agent Systems*

2006–2007 **MS in Wireless Networks, Organization and Knowledge of smart systems (MASTER RACOR-DEA).**, *Institut Charles Delaunay, Université de Technologie de Troyes*, Troyes-France, *Très Bien*.
Thesis Title: *A study of Internet of Things and Mobility in Heterogenous Wireless Networks*

2001–2003 **Master in Computer Science**, *University Of Baluchistan*, Quetta-Pakistan, *A-Grade, First Class First Position with GPA 3.69/4.00 and 86.29%*.
Specialization in Computer Communication and Networks

Diploma in French Language from Alliance Française de Lahore, Pakistan and CEL Colmar, France from Feb-Aug 2006.

Have been a part of Java Introductory Course offered by Operation Badar.

Diploma in English Language from The House of Knowledge Quetta, Pakistan.

Certificate in Medical Transcription By COMSATS, Pakistan.

Experience

Academia

2011–To date **Assistant Professor**, *Department of Computer Science & Information Technology University of Baluchistan*, Quetta-Pakistan.
Teaching Responsibilities include - Telecommunication Systems - Network Management & Security - Computer Communications and Networks - Artificial Intelligence
Revised the course outline of BS and Masters
Designed and Revised the rules and course outline of MS and Ph.D Programmes for the university.
Member of the Board of Studies, Affiliation Committee at the University of Baluchistan.
Expert Member of the Board of Studies, SBK Women University and BUITEMS Quetta.

2011–To date **MS & Ph.D Coordinator**, *Department of Computer Science & Information Technology - University of Baluchistan*, Quetta-Pakistan.
Coordinator for postgraduate programme at the Department of Computer Science & IT.
Designed and Revised the rules and course outline of MS and Ph.D Programmes
Administrative programme responsibility for study programmes in the area of Computer Science.

2007–2010	**Researcher & Teaching Assistant**, *Université de Technologie de Troyes*, Troyes-France.

2007–2010 **Researcher & Teaching Assistant**, *Université de Technologie de Troyes*, Troyes-France.
Teaching responsibilities included Enterprise Telecommunication I & II, Mobile Networks, IP Based Networks, Quality of Service in Networks and Interconnections

2004–2011 **Lecturer**, *Department of Computer Science & Information Technology University of Baluchistan*, Quetta-Pakistan.
Administrative responsibilities included In-charge Examination and BS Curriculum.
Teaching responsibilities include the core subjects of Computer Networks, Telecommunication Systems and Network Management.

Administrative

April 2013–
October
2014
Director, *Directorate of Outreach, Research, Innovation and Commercialization (ORIC) University of Baluchistan*, Quetta-Pakistan.
Administrative Responsibilities include: ● Submission of research proposals relevant to Pakistan's Socio-Economic needs. ● Updation of data regarding funding/donor agencies. ● Establishment of links with donors. ● Establishment of links with Industries.● Identify regional expertise and requirements.● Arrange International and National level trainings and workshops.● Develop business plans.

2010–2011 **Chairperson**, *Department of Computer Science & Information Technology University of Baluchistan*, Quetta-Pakistan.
Administration of the Department of Computer Science & Information Technology

Technical

2002–2004 **Senior Network Engineer**, *Buraak Internet Service Provider and Telecom*, Quetta-Pakistan.
Installation, maintenance, troubleshooting and configuration of the network and network devices.
Worked as the team leader of the Network Engineers.
Took part in the deployment of the Wireless Network of about 1000 Clients in the Quetta Cantt Region.

2001–2002 **Network Engineer**, *ULTRA*.Net *Internet Service Provider*, Quetta-Pakistan.
Installation, maintenance, troubleshooting and configuration of the network.
Customer support

Vocational

2013–To date **Instructor**, *United Nation's World Food Program (UN-WFP), UNHCR and Unicef*, Quetta-Pakistan.
French and English Language Tutor

2010–To date **Visiting Faculty**, *SBK Women's University and National Institute of Management*, Quetta-Pakistan.
Deliver lectures on a variety of topics like Computer Science, Research and Analysis, E-governance, etc.

2002–2003 **Instructor**, `Horizon The Hub of Modern Perception`, Quetta-Pakistan.
Taught Computer Hardware and software Courses.

1999–2001 **English Language Instructor**, *Spectrum English Language and Computer Academy*, Quetta-Pakistan.
Worked as a English Language Instructor.

Conferences and Seminars

Organized a three day workshop LATEX **for Everyone** with the collaboration of Higher Education Commission (HEC) at the University of Baluchistan-Quetta from $3^{rd} - 5^{th}$ July 2013.

Organized a three day workshop LATEX **for Everyone** with the collaboration of Higher Education Commission (HEC) at the University of Baluchistan-Quetta from $25^{th} - 27^{th}$ March 2013.

8th ICT-Asia regional conference in Guangzhou, China on 1-3 June 2011 at the Sun Yat-sen University Organized by the Embassies of France in Pakistan and China.

Connect 2011 Conference and Exhibition held by Pegasus Consultants at Karachi with the sponsorship of IEEE and others from 3-5 May 2011.

SPSS (Statistical Package for the Social Sciences) workshop held at the University of Balochistan from 6-8 April 2011.

35th International Conference on Local Computer Networks (IEEE-LCN) Denver Colorado USA, 11-14 October 2010

6th Advanced International Conference on Telecommunications, Barcelona Spain, 9-15 May 2010

ACS/IEEE International Conference on Computer Systems and Applications - AICCSA, Hammamet Tunisia 16-19 May 2010

Journée Réseaux Grand Est (RGE) held at UTT Troyes France for the Wireless Sensor Networks on 8th October 2009.

Autonomic Platforms held by LIP6 and UPMC Paris on 29 September 2009

Journée Réseaux Grand Est (RGE) presentation on A vertical handover anticipation approach using Multiagent Systems, held at Supelec Metz France on 5th Feb 2009. http://rge.u-strasbg.fr/reunions /metz050209/ResumesRGE-050209Metz.pdf

1st Salon RFID Conference held in CNIT La Defense for the Innovations in RFID technology. Paris. 9-10 December 2008.

22nd DNAC Congres workshop conducted by University of Pierre and Marie Curie (LIP6-UPMC) in Paris for the Convergence of IP and Post-IP, IMS, IPTV, Autonomic Networks. 3-5 December 2008.

Autonomous and Spontaneous Networks Symposium (ASNS) held in ParisTech, Paris, 20-21 November 2008.

EASSS '08 European Agent Systems Summer School held in New University of Lisbon, Lisbon Portugal, 5-9 May 2008.

9èmes Journées Doctorales en Informatique et Réseaux conducted by IRCICA and IEEE (France) in Villeneuve d' Ascq for maintenance, exploitation and mobility in the New Generation Networks. 16-18 January 2008.

1st Home Networking Conference conducted by IFIP TC6 and IEEE(France) in Paris for the DSL Forum, HGI, Home DVB, Access Networks, Autonomic Home Networking, December 2007.

21st DNAC Congres workshop conducted by University of Pierre and Marie Curie(LIP6- UPMC) in Paris for the New Architecture for Communication in IP Networks, Security, and Mobility, November 2007.

WiMAX World Europe Conference in Vienna, Austria for the CDMA, Wireless Carriers, Regulations and Coverage Analysis, May 2007.

20th DNAC Congres workshop conducted by LIP6 and University of Paris 6 in Paris for the Internet of Things, RFIDs, Smart Home, WiMax and DLNA Alliance, November 2006.

August 2005 attended LAMP Workshop in University of Balochistan Conducted By the Pakistan Software Export Board (PSEB) for Linux, Apache, MySQL and PHP in 2005.

Courses Taught

In Pakistan

CS 630	Network Security (Autumn '14 | Spring '14)
CS 514	Mobile and Pervasive Computing (Autumn '14 | Spring '14)
BA 618	Management Information Systems (Autumn '13 | Spring '13)
CS 359	Computer Communication and Networks (Autumn '04, '05, '10, '11, '12, '13, '14 | Spring '05, '11, '12, '13)
CS 411	Software Engineering II (Spring '05, '11, '12, '13)
CS 415	Telecommunication Systems (Spring '05, '11, '12, '13)
CS 444	Network Management and Security (Autumn '11, '12 | Spring '11, '12, '13)
CS 440	Artificial Intelligence (Autumn '11, '12 | Spring '11, '12, '13)
CS 510	Network Management (Autumn '11, '12 | Spring '12, '13)
CS 310	Introduction to Programming (Autumn '04, '05)
CS 325	Operating Systems Concept (Autumn '04 | Spring '05)
CS 330	Computer Architecture and Organization (Autumn '04 | Spring '05)
CS 311	Principles of Software Engineering (Spring '04, '05)

In France

RE 01	Enterprise Telecommunication I (Autumn '07, '08, '09 | Spring '08, '09, '10)
RE 06	Enterprise Telecommunication II (Autumn '09 | Spring '07, '08, '10)
RE 13	Mobile Networks (Spring '08, '09)
RE 14	IP Based Networks (Spring '08, '09)
RE 15	Quality of Service in Networks and Interconnections (Automn '08, '09)

Research Interests

Long Term Evolution

Cloud Computing and BIG data

WiMAX and WiRAN mobility

Wireless Sensor Networks

Network Architecture and Telecom, Conception Planning and Management

Continuity of Service in Wireless Networks

Quality of Service and RSVP related issues

Interconnection of Information Networks

Administration of heterogeneous Networks and mobility (GSM/GPRS/WLAN)

Telecom, Mobiles and Network Applications

Network Middleware, Web Services, CORBA, OGSA (Open Grid Service Architecture)

Languages

Spoken	**English, French, Urdu, Punjabi, Pashto**
Written	**English, French, Urdu, Punjabi**
Read	**English, French, Urdu, Punjabi**

Honors and Awards

Scholarship from the Higher Education Commission, Pakistan for MS & PhD in France

Gold Medal in Masters

Merit Scholarship from Government of Baluchistan in Matriculation

Different Scholarships and awards during my English Language Diploma for participating in quizzes and debates