

Nafees Ur Rehman

Experience

2010-Todate Konstanz University Germany
Mitarbeiter

- Member of Database & Information System Research group.
- Taught transactional information systems at masters' level.

Mid 2007-Todate IMSciences Hayatabad, Peshawar
Assistant Professor

- Involved with MS IT since 2006 in course and research work.
- Taught Data Warehousing & Data Mining.
- Also working as a research incharge and am supervising MS student in MS research.

Lecturer & Research Coordinator

- Taught various subjects to BCS, BBA, and BBA-IT. Subjects include System Analysis and Design, RDBMS, Data Communication, Data Structures, Software Engineering, Operating System, Interactive Web Design, Ecommerce and EBusiness etc.

2001-mid 2007 CECOS University Saddar, Peshawar
Lecturer

- Taught Programming Languages to Graduate and Diploma classes, which include Visual Basic, C++, C, Java.
- Taught Subjects System Analysis and Design, RDBMS, Data Communication, Data Structures, Software Engineering, Operating System etc.

Project Supervisor

- Supervised Projects of various nature and scope for:
 - Hospital, Hotel, Library System, Rent-a-Car, Video Shop, School & College System etc.
- As Vice Principal CDI, I have been involved with Pakistan Computer Bureau in conducting various trainings to AG Office staff, Passport Office Staff, and other govt department staff.

Project Trainings & Supervision

Mar 2006-Dec 2006 Peshawar Engineering College (affltd with UET)

Visiting Lecturer

- Teaching Database Management System to CSE.
- Supervising CSE student projects.

Jan 2004-Jun 2004 Abasyn Institute (affltd with Gomal University)

Visiting Lecturer

- Taught RDBMS to BIT Students.

Education

2009-tilldate Konstanz University Germany

- **Pursuing PhD.**
- Research interests: Data Warehousing, Query performance, Classification, Integration of data mining with large databases.

2005-2006 IMSciences, Peshawar University Hayat Abad

- **MS in Information Technology.**
- Specialization in Data Warehousing and Data Mining.
- CGPA of 3.7
- Research: Development of "Classification Model for Power Data" and working on "Feature Weightage & Contribution" for classification.

2000-2002 CECOS University Hayat Abad

- Masters in Information Technology.
- Gold Medalist.
- CGPA of 3.9.
- Project: Developed Institute Based Practice Software for Khyber Teaching Hospital using SQL Server as DBMS and Visual Basic as interface.

1999-2000 AIKhaier University Hayat Abad

- Bachelors in Computer Sciences (BCS)
- Gold Medalist.
- CGPA of 4.26/5.
- Project: Developed a Database System for Health Laboratory using SQL Server as DBMS and Visual Basic as interface.

Software Projects

IBP for Khyber Teaching Hospital, Jan Sons Publication, Mohmand Goods Transport etc

Publications

- Clustering Based High Trend Identification In DataSet, Fazal Masud , Nafees Ur Rehman, ICICT2007, Bannu Pakistan
- Cluster-Description Using Fuzzy Logic, Nafees Ur Rehman , Fazal Masud Kundi, others, ICICT2008, Bannu Pakistan
- Decision Tree Intelligence embedded in Materialized Views, Nafees Ur

Rehman, Riaz Ahmad & Akmal Shah ICICT2008,Bannu Pakistan.

- Check Constraint Site-Oriented Configuration for Improving Database Performance, Danish Wadood & Nafees Ur Rehman, ICICT2008 Bannu Pakistan.
- A Programmatic Approach to Achieve Integrity between Archived and Current Databases, Anwar Shah, Said Ahmad & Nafees Ur Rehman, ICICT 2008, Bannu Pakistan.
- Data Warehouse Performance Improvement using materialized views, Nafees ur Rehman, Muhammad Saqib, Mumtaz Ahmad, JCIS 2008.
- Automated detection of infected area in lungs, Nafees Ur Rehman (co-authored) International Conference on Emerging Technologies, ICET.2009.
- Pre-computation of Decision Tree Classification, Nafees Ur Rehman, Marc H.Scholl, BNCOD 2010, LNCS 6121, Dundee, UK.
- Decision Tree Classification on MonetD, Nafees Ur Rehman, *short paper*, GK (Doctoral School Workshop), Konstanz, Germany 2011.
- Decision Tree Classification on Column-Oriented Database Systems, Nafees Ur Rehman, Marc H. Scholl, CIKM '11 Glasgow UK (being reviewed).