

Prof. Muhammad Ahmed Farooqui (PhD)



Higher Education Institutions (HEIs) regularly look for academically acceptable and economically sustainable programs and avenues. However, many HEIs do not have sufficient human resource and expertise to design such programs indigenously. These resources and expertise are now available in the form of qualified and experienced professionals to help HEIs advance their academics and research pursuits leading to better ranking and more funding.

Vision

To provide professional resilience and adoption strategy to academic institutions for quality education and useful research.

Mission

To provide best expertise and state-of-the-art services to the academic institutions for bringing excellence and quality in their performance leading to improved standards and ranking.

ION

Dr Farooqui is an academician, researcher and academic leader having thirty-six years of professional experience in teaching, research, planning, academic administration, curriculum development, academic and research audit, financial/budgetary administration, strategic planning, institutional building, and developing academic/research collaboration with Universities and Industries.

Dr Farooqui is well versed in crafting, creating, designing, re-designing, and evaluating academic documents :

- ⊗ Concept Papers
- ⊗ Strategic Action Plans
- ⊗ Program Approval Documents
- ⊗ Development Project Proposals (PC-1s)
- ⊗ Academic Audit Reports
- ⊗ Memorandum of Understanding
- ⊗ Memorandum of Agreement
- ⊗ International Collaboration Agreements
- ⊗ Standard Operating Procedures
- ⊗ Scheme of Studies/Curriculum Design
- ⊗ Course Handbooks
- ⊗ Program/Course Validation Documents
- ⊗ Annual Teaching Reviews
- ⊗ Policy Documents
- ⊗ Prospectus
- ⊗ Admission Guidelines
- ⊗ Students' Handbooks
- ⊗ Faculty Handbooks
- ⊗ Court/Legal Documents

Credits & Achievements

Dr Muhammad Farooqui is an **academia expert** having **36 years** of professional experience in teaching, **research**, academic **administration**, **academic and research audit**, financial/budgetary management, **strategic planning**, institutional building. **Developing linkages** with universities and industries is his **special expertise**.

Academic

Dr Farooqui earned his **PhD in Geology** from University of **Montana (USA)**. He won two prestigious International **Postdoctoral Fellowships**: one from **Fulbright (USA)** and the other from **Commonwealth Scholarships (UK)**. During 36 years in academia, he remained actively engaged in teaching, research, and **academic administration (national and international)**. He started his career as a **Lecturer** at University of Balochistan (Quetta, Pakistan) and after spending **twenty years** he reached to the apex position of **Full Professor**. Later he moved to **COMSATS University** and successfully initiated and re-structured several **new programs** including undergraduate and graduate degree programs in **Sciences, Social Sciences, and Engineering**.

Academic Administration

He played leading role at many leadership positions. He was member of many **academic and statutory bodies** where he **contributed extensively** in the academic, **administrative**, and financial matters of the university. He was member of the **Board of Studies** and **Selection Boards** of many universities. He worked as **Head of Program**, **Chairman** of Department, and **Chairman/Member** of many statutory bodies and committees like, Board of Studies, **Board of Faculty**, **Academic Council**, E&D Committee, Board of Advanced Studies and Research, and **Exam Vigilance Committee**. He has the unique credit of being **Director** of first **Dual Degree Program (DDP)** launched in Pakistan in collaboration with **Lancaster University (UK)** at COMSATS University and crafted its complete operational model from **scratch** to award of degrees. In addition, he also served as **Head of Academics and Research**, Head of **Energy Research Centre**, and Head of **International Liaison Office** of COMSATS University.

Research

Dr Farooqui has been an active researcher. He has **authored/coauthored** more than **forty** research papers/abstracts, supervised several **MS and PhD theses**, completed three research projects, evaluated many research proposals, and published six volumes of the **scientific research journal: *Acta Mineralogica Pakistanica***, as **Chief Editor**. He has been a **referee/reviewer** for many research journals. Besides, he has authored many **technical reports** pertaining to geological investigations, groundwater investigations, mineral investigations, **academic audit, research audit**, and concept papers for academic programs and departments. He presented his research findings in **international conferences** and was also invited as a speaker at **Stanford University, University of Houston, Washington State University, University of Montana, Leeds University, Leicester University, and Utah State University**.

Entrepreneurship

Dr Farooqui has executed the **Erasmus+ TAKE-UP (*Transforming Academic Knowledge to Develop Entrepreneurial Universities in Pakistan*) project** that was meant to promote entrepreneurial culture in Pakistani universities. In this project, **funded by EU**, a new course and accompanying **Instructor's Manual** have been developed for the **promotion of entrepreneurship** in Pakistani universities.

Professional Societies

He is member of many local and international professional societies, including GSA and AAPG - the **two apex and prestigious** geoscience societies in the World. He **participated and organized** many **short courses and training programs** to enhance his vision towards **geosciences, academic management, quality assurance** in higher education, **online education**, and **entrepreneurship**, to name a few.

International

Dr Farooqui has travelled extensively around the globe (to **USA, UK, Japan, Canada, Malaysia Greece**, and many other countries) for the purpose of studies, research, developing **academic collaborations**, attending faculty/staff development programs, and meetings with the officials of **foreign universities**. He has **excellent skills to communicate** with people without losing focus of the discussion.

Experience & Expertise

Concept Papers

Created, drafted, or re-designed many concept papers including:

- ❖ International Collaboration between Centre of Excellence in Mineralogy (University of Balochistan, Quetta) and Grunebaum Center for Near Eastern Studies, University of California, Los Angeles (UCLA).
- ❖ First 4-Year BS program in Applied Geology at University of Balochistan.
- ❖ BS Earth Sciences program at COMSATS University Abbottabad.
- ❖ Establishment of Centre of Excellence In Geology, Environment and Earthquake Sciences (CEGEES) COMSATS University Abbottabad.
- ❖ MS and PhD in Geology and Geophysics at COMSATS University Lahore.
- ❖ BS Civil Engineering program at COMSATS University Lahore.
- ❖ BS and Associate Degree programs in Education (B.Ed) at COMSATS University Lahore

Strategic Plans

- ❖ Five-year Strategic Action Plan (2013-2017) for COMSATS-Lancaster International collaboration
- ❖ Five-year Strategic Action Plan (2017-22) for COMSATS University Lahore
- ❖ Strategic Plan developed for the long term collaboration with German Universities

Program Approval Documents

Prepared for BS degree programs in Telecom Engineering, Computer Science, Business Administration, Chemical Engineering, Software Engineering, Computer Engineering and Electronics Engineering.

MoUs and Similar Documents

Several MoUs and similar documents (like Intent of Cooperation etc) prepared to establish national and international linkages with COMSATS University such as

- ❖ Curtin University, Australia for Academic and Research Collaboration
- ❖ Everest International Expo (Pvt.) Ltd China to organize Pak China Business Forum and Industrial Expo.
- ❖ Chongqing Electromechanical Vocational Institute, China to develop collaborative diploma programs
- ❖ PRESCON Engineering Pvt Limited and ERTC to offer joint training programs and short courses in Energy and related fields.
- ❖ And many more

Development Project Proposals

Developed PC-1s for first 4-year BS Applied Geology program and establishment of Centre of Excellence in Hydrogeology at University of Balochistan. In addition several PC-1s (Education Sector), including a mega-PC-1 for the infrastructural development of COMSATS University Lahore Campus were prepared.

Academic Audit

Carried out a comprehensive academic audit of the COMSATS University Lahore Campus, and Audit Reports prepared, for the years 2018-19, 2019-20, and 2020-21.

MoAs and similar documents

- ❖ International Collaboration Agreement between COMSATS University and Lancaster University
- ❖ Teaching out agreement (ToA) between CUI and Lancaster University.
- ❖ Collaboration Agreement between CUI and Saarland University Germany.

Standard Operating Procedures

SOPs developed for several functions including, Admissions, Registration, Examinations, Final Year Projects (FYPs), monitoring the progress of graduate students, and monitoring of research projects.

Annual Teaching Review

Carried out ATRs of seven undergraduate degree programs offered under Dual Degree Program from 2011 to 2017.

Mid Program Review

As member of the Joint Team, carried out the Mid Program Review of Dual Degree Program (DDP) after three years of operation in collaboration with Lancaster University.

Schemes of Study and Curricula

Prepared/revised/streamlined several SoSs for degree programs, such as

- ❖ BS Applied Geology (University of Balochistan),
- ❖ BS Earth Sciences (COMSATS University),
- ❖ MS and PhD Geology and Geophysics (COMSATS University),
- ❖ MA Heritage Studies (COMSATS University),
- ❖ BS Education (COMSATS University)
- ❖ And many other programs

Course Handbooks

Designed and prepared Course Handbooks more than 250 courses of Engineering, Computer Science, Management Sciences, Mathematics, Social Sciences, and Humanities and a system developed for their preparation and usage.

Moderation of Examinations

Designed and implemented Exam Moderation System at COMSATS University (Lahore Campus) under the collaborative arrangement with Lancaster University.

Course/Program Validation System

Designed and followed a validation system for the courses and degree programs offered under Dual Degree Program in collaboration with Lancaster University.

Policy Documents

Prepared, reviewed, and revised policy documents for Dual/Joint/Double degree Programs Policy, Online/distance Education Policy, Admission Policy, Examination and Grading Policy, Travel Grant Policy, Best Teacher/Researcher Award Policy, Merit Scholarship Policy, Contribution bases Hajj/Umra Policy etc.

Constitution and Bylaws

Authored/Reviewed and completely overhauled the constitution and bylaws of Academic Staff Association, University of Balochistan, Quetta.

Students/Faculty Handbooks, Prospectuses, and Admission Guidelines

Prepared and revised several types of handbooks, Prospectuses, and Guidelines for COMSATS University and several other universities

Thank You

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