

DR. ANJUM IQBAL
Quality Management Consultant

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Aims to contribute for establishing and implementing a Quality Management and Immune inspired framework for entrepreneurship and innovation applying Quadruple Helix Model that bridges academia, industry, government and society.

EDUCATION

- Ph. D. Computer Science (Artificial Immune System), University Technology Malaysia, 2006 (Dean's Merit List Award, and Bursary Award from International Conference on AIS)
- M. Sc. Electronics, Quaid-e-Azam University, Islamabad, 1989

PROFESSIONAL RESPONSIBILITIES / POSITIONS

FORMER

- Deputy Chief Scientist / Head of Quality Management
Pakistan Atomic Energy Commission (PAEC)
- General Manager (Quality), Pakistan's First ICU Ventilator Project
Al-Technique Corporation of Pakistan (PAEC)
- Computer Hardware Engineer, Computer Marketing Company (Pvt) Ltd., Lahore

CURRENT (VOLUNTEER)

- Coordinator (Quality Management), Pakistan Nuclear Society (PNS)
- Member Standard Review Committee, Pakistan Standard & Quality Control Authority (PSQCA)
- Member Impartiality Committee, Pakistan National Accreditation Council (PNAC)
- Founding Coordinator of
 - a) INNOVA Science & Technology Club, Islamabad
 - b) Al-Beruni Science Club, Jhelum

The platforms to establish & implement quadruple helix model for entrepreneurship & innovation

IN-PROCESS

- Chief Executive Officer, KORA Quality Services, Islamabad (Registration in Process)

CURRENT ACTIVITIES

Providing consultation for

- Establishing and implementing Quality Management System
- Certification of processes, products and personnel
- Accreditation of testing and calibration laboratories / setups
- Organizing quality related training courses and events.

EXPERIENCE: TECHNICAL / QUALITY MANAGEMENT

- Establishing, implementing, maintaining and continually improving Quality Management Systems
- Establishing, implementing, maintaining and continually improving Quality Assurance Programs of various I&C projects
- ISO 9001:2015 Certification of Quality of Management Systems
- Acquiring license from Pakistan Nuclear Regulatory Authority (PNRA) for designing and manufacturing of I&C systems of research reactor
- Acquiring license from Drug Regulatory Authority of Pakistan (DRAP) for manufacturing software controlled critical equipment, ICU Ventilator
- Research, design and development of hardware and software systems
- Managing and leading multidisciplinary project teams
- Delivering talks and presentations at international and national fora
- Developing and reviewing international and national documented information
- Supervision of undergraduate and postgraduate R&D projects
- Coordinating for international and national meetings
- Organizing international and national training programs
- Organizing international and national events – conferences, workshops, and seminars etc.
- Represented Pakistan at various national & International forums including International Atomic Energy Agency (IAEA)
- Have experience of establishing and implementing organizational functions and systems based on, but not limited to, the following standards;
 - a) ISO 9001 Quality management systems – Requirements
 - b) ISO 13485 Medical devices – Quality management systems – Requirements for regulatory purposes
 - c) ISO 19443 Quality management systems – Specific requirements for the application of ISO 9001 by organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS)
 - d) ISO 19011 Guidelines for auditing management systems
 - e) ISO 10015 Quality management— Guidelines for training
 - f) ISO 31000 Risk management – Guidelines
 - g) ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories
 - h) ISO/IEC 17020 Conformity assessment — Requirements for the operation of various types of bodies performing inspection
 - I) ISO/IEC 27001 Information security, cybersecurity and privacy protection – Information security management systems – Requirements
 - j) IEEE1233 – Guide for Developing System Requirements Specifications
 - k) IEEE 1012 – Standard for System, Software, and Hardware Verification and Validation

SOCIAL EXPERIENCE

- Founding General Secretary of Pakistan Student Association at University Technology Malaysia (UTM)
- Founding Vice President of International Postgraduate Student Society at UTM
- Founding Secretary of Organizational Hiking Club
- Organized various family events to develop harmony and sense of responsibility among the society