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Preamble



Dr. Jamil Ahmad

Dean

Iqra University was awarded grant under the British Prime Minister Initiative (PMI) to start a joint degree programme with the Coventry University, UK. PMI projects are monitored and controlled by the British Council (BC), Pakistan with the support of Higher Education Commission (HEC), Pakistan. After making all necessary arrangements Iqra

University has launched MSc in Engineering Management from Fall 2010 Semester in Karachi and Islamabad Campuses.

I am confident that given the need, scope, and promise of the programme, it will enable prospective students to develop a wider and deeper understanding of the technological entrepreneurship.

Message from Vice Chancellor



Dr. U. A. G. Isani

Vice Chancellor
Iqra University, Pakistan

It gives me great pleasure that the Coventry University and Iqra University have mutually finalised the joint degree programme for MSc in Engineering Management under the UK Prime Minister's Initiative.

I am sure, the programme will go a long way in further strengthening our mutual coordination towards achieving institutional goals of collaboration for development, research, and teaching. The international repute of Coventry University and the national standing of Iqra University will

augment the opportunities of exposure and quality enhancement to the faculty and students of the joint degree programme.

An important aspect of the programme is that professionals in our local industry will acquire international education, experience, and qualifications with much lesser financial implications. Given the international exposure, experience, and qualifications of our faculty, I am sure, the programme will attain and maintain high standards of quality education.

Message from Vice Chancellor



Professor Madeleine Atkins

Vice Chancellor
Coventry University, UK

It's heartening to see the fruition of efforts by the managements and faculties of Iqra University, Pakistan and Coventry University, UK to establish strong academic and professional bonds towards the common goal of disseminating knowledge across geographical, cultural, and political boundaries.

I am sure the starting of the joint degree programme-MSc in Engineering Management-will

open up new avenues for even more closer, wider, and deeper educational and research interactions between the two universities. These interactions will afford both the universities a mutual benefit in terms of growth, development, and contribution to the greater good of the humanity.

My good wishes are with the aspiring students of the programme.

Iqra University

Iqra University, iqra.edu.pk started its operations in Karachi in January 1998. The Government of Sindh chartered the University; vide Sindh Ordinance VI of 2000.

Currently, Iqra University has approximately over 10000 students in all its campuses in Pakistan, studying in disciplines such as Business Administration, Computer Science, Media Sciences, Information Technology, Management Science, Social Sciences, Art and Design, Law, and Engineering, with the commitment to provide quality education to the youth of Pakistan.

Iqra University established a distinctive new campus in the capital city, Islamabad iqraisb.edu.pk. This purpose-built campus is spread over a lush green area of five acres in the heart of the educational hub, H-9, home to some of the other most prestigious educational institutions in Islamabad.

Graduate, undergraduate, and continuing education programmes are offered in different disciplines including Computer Science, Business Administration, International Relations, Development Studies, Fashion Design, and Textile Design. Programmes in these disciplines are conducted under the supervision of a highly qualified and professionally

motivated faculty. The university curricula are not only competitive but are also comparable and compatible with academic practices internationally.

Campus facilities include a well-stocked library, state of the art computing facilities, well equipped teaching labs, centrally air-conditioned classrooms equipped with the latest audio-visual aids, an auditorium, a seminar room and a Masjid.

Students' time at Iqra University, is one of the most exciting and challenging periods in their lives. Individual attention is given to students to develop and enhance their technical and analytical competencies. Students are also encouraged to participate in various co-curricular and extracurricular activities for their personal and professional development.

Recognition from Higher Education Commission (HEC)

Iqra University Karachi and Iqra University Islamabad Campus have been awarded 'W' category by HEC—equivalent to "A" under the previous system. To obtain the status of campuses allowed by HEC to operate in Islamabad, the following link can be accessed:

http://www.hec.gov.pk/new/QualityAssurance/Quality_Assurance/

University_Accreditation/Establishment_New_University/List_of_Islamabad_campus.hmt

Coventry University, UK

Coventry University www.coventry.ac.uk has extensive experience in successfully delivering courses in different areas to full-time students and industrial partners at undergraduate and postgraduate levels. Programmes in Engineering Business Management, Engineering & Manufacturing Management, Manufacturing Systems Engineering, Engineering Management, Automotive Engineering, Automotive Design, Industrial Product Design and Electronic Engineering have an international reputation. The University's provision is underpinned by two applied research centres in manufacturing and engineering, which will provide input into student projects and enhance their learning experience.

Objective of the Programme

With the emergence of new industries and growth and infrastructural expansion of the existing setups the need for a skilled workforce has increased multifariously. The introduction of a competitive environment has further augmented the need to respond to the challenges posed by the ever-widening scope of work. More innovative,

competent, qualified, and skilled professionals are needed for developing higher value-added products.

The courses which Coventry University and Iqra University have planned will broaden and deepen the potential employees' skill base to enable them to meet the challenges faced by the Pakistani engineering sector. Hence it is very much likely that these courses will not only attract professionals from the industrial sector of Pakistan and but also draw industrial sponsorship.

Main Objectives

- a systematic understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of Engineering Management theory and practice
- a comprehensive understanding of techniques applicable to their own research or advanced scholarship
- originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in Engineering Management
- conceptual understanding that enables the student

- i. to evaluate critically current research and advanced scholarship in Engineering Management; and
- ii. to evaluate methodologies and develop critiques of them and, where appropriate, to propose new hypotheses enhancement of lifelong learning skills and personal development so as to be able to work with self-direction and originality and to contribute to business and society at large

Masters level will have been at, or informed by, the forefront of an academic or professional discipline. Students will have shown originality in the application of knowledge, and they will understand how the boundaries of knowledge are advanced through research. They will be able to deal with complex issues both systematically and creatively, and they will show originality in tackling and solving problems. They will have qualities needed for employment in circumstances requiring sound judgment, personal responsibility and initiative, in complex and unpredictable professional environments.

Learning Outcome of the Programme

Much of the study undertaken at

Structure of the Programme

Title	MSc in Engineering Management
Duration	One and a Half Year to Two years
Courses	Eight courses/modules and a project equivalent to two courses
Total CrHr	30 CrHr
Degree	Coventry University, UK
Transcript	Joint transcript be issued by Coventry and Iqra Universities
Entry Qualification	16 year education in Engineering Management and related disciplines*

*Students with non-relevant background will be required to take deficiency courses.

Courses/Modules

- Project Management
- Lean Operations
- Entrepreneurship and Innovation
- Engineering Strategic Management
- Product Development Process
- Supply Chain Management
- Quality Management and 6-Sigma
- Sustainability and Environmental Management Systems
- MSc Project (including Research Methods)

The above courses will be offered in different semesters.

Fee

Fee of the whole programme will be only 3000/- UK Sterling or equivalent in Pakistani currency. Fee can be paid in installments also.

Useful Contacts

Prof. Dr. Jamil Ahmad, Dean Iqra University, Islamabad Campus	jamil@iqraisb.edu.pk
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All activities of the University shall be governed by the rules and regulations of the University. The University reserves the right to revise/amend the rules, procedures, and the fee structure, as and when the need arises. In case of ambiguity or non-existence of rules, the final authority for interpretation and decision shall rest with the University.