

Eshmaiel Ganjian



Position: Reader in Civil Engineering Materials

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Qualifications:

B.Sc., Civil Engineering; University of Leeds (1985)

M.Sc. Eng., Civil Engineering In Hot Climates, University of Leeds (1986)

Ph.D. Civil Engineering, University of Leeds (1991)

Experience

COVENTRY UNIVERSITY (1998 – to date)

Senior lecturer and Reader in Civil Engineering Materials.

K.N.T. UNIVERSITY OF TECHNOLOGY (1991 – 1998)

Lecturer and senior lecturer in the School of civil Engineering, Deputy Dean 1993-1995, Lecturing in Civil Engineering and Building Materials and Concrete Technology for B.Sc. and M.Sc. courses, Supervising M.Sc. and Ph.D. research students.

BUILDING AND HOUSING RESEARCH CENTRE, TEHRAN (1991 – 1998)

Part time Consultant. Responsibilities included: Consultation to engineers from industry and building ministry, lecturing subjects in advanced concrete technology courses running by the BHRC, Supervising research projects and technical reports, Peer review of technical reports and projects.

Technical or scientific areas of interest

- Development of Low-carbon cement and concrete using by products and waste materials.
- Utilisation of various mineral wastes in Controlled Low Strength Materials (Cementitious).
- Investigation into alternative fibres as a suitable replacement for asbestos fibre used in cement sheeting.
- Use of surplus sulphur in concrete and use of silica fume and other by-products in concrete.
- Durability of concrete.
- Research into analysis of damages to concrete structures, repair and maintenance of damaged concrete structures.
- Novel cementing materials.
- High pressure through-flow tests on concrete.