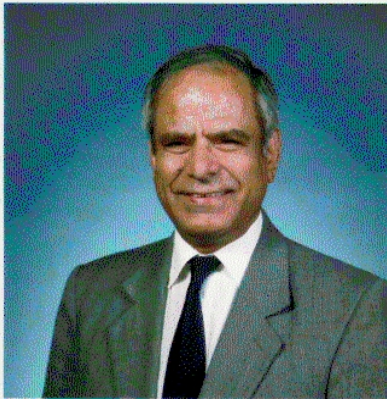


Professor Ravindra Kumar Dhir OBE,
BSc, PhD, CEng, MIMM, FGS, Hon FICT

A Brief Biographical Note



Professor Dhir is an internationally acknowledged scholar and practitioner in concrete science, technology and construction, as well as for his strong ties with the construction industry. He is the founding Director of the Concrete Technology Unit at the University of Dundee, which is known worldwide for its excellence in research.

Prof Dhir's research work started with fly ash and its use in concrete in 1975, but has since then extended to many areas, namely (i) cement science and technology with particular emphasis to the development of cement combinations using pozzolanic materials, such as fly ash, (ii) concrete durability (including the optimisation of binders to minimise voids), (iii) sustainable concrete construction and recycling/reuse of waste materials and containment, (iv) repair technology and structural rehabilitation, (v) innovative concrete construction applications (such as self-cure concrete and structural foamed concrete) and (vi) whole life analytical methods and maintenance strategies.

Professor Dhir was awarded in 1994 the Honorary Fellowship by the Institute of Concrete Technology for his outstanding work in this area, particularly for his ability to relate his research to industrial applications. In 1998 and 1999 he was awarded the UK Government's Secretary of State for Department of Trade and Industry's Prize for innovative partnerships with industry and with particular emphasis on enhancing of environment sustainability, industrial innovation and quality of life. In 1999, he was awarded order of the British Empire (OBE) for services to Concrete Technology. Professor Dhir serves on several national and international technical committees and editorial boards. He has published extensively on the subject (40 books and 235 papers in peer reviewed journals and conferences) and travelled widely throughout the world giving lectures and speaking at the seminars and conferences.

Professor Dhir has been consulted worldwide by the national and multinational companies over many years, in the various sectors of the construction industry (material suppliers, readymix concrete, contractors, consulting engineers and local government offices) from product development and appraisal to investigations of non-compliance and structural distress.