

CURRICULUM VITAE

Jag Mohan Humar Ph.D., P. Eng., FCSCE, FEIC, FCAE



(Prof. Jag Mohan Humar)

Dr. Jag Mohan Humar, Distinguished Research Professor of Civil Engineering at Carleton University, Ottawa, Canada has had an outstanding academic career. He studied in Udaipur, India up to Intermediate Science, obtaining the first rank in the Intermediate Examination of the University of Rajasthan. He received his B.Sc. Eng. Banaras Hindu University in 1958 with a gold medal for the first rank in his discipline. In 1959 he obtained an M. Tech degree from the Indian Institute of Technology, Kharagpur again with top honours. He was selected in the Class I Engineering Services of India and worked in the Central Public Works Department until 1971 when he received the Canadian Commonwealth Scholarship for pursuing doctoral studies in Canada. In 1974 he obtained a Ph.D. degree from Carleton University, Ottawa, Canada. During his studies at Carleton, Dr. Humar received several other awards including the Epstein Scholarship for outstanding graduate work. After a brief stay in India, Dr. Humar returned to Canada to join a faculty position in the Department of Civil Engineering at Carleton University in 1975. Dr. Humar became a full professor in 1983, and served as the Chairman of the Department of Civil and Environmental Engineering from 1989 to 2000.

Dr. Humar has had an outstanding record in teaching. In 1992, he became one of the first recipients of Carleton University's Teaching Achievement Award for his excellence in teaching and his contribution to teaching development.

Along with teaching and academic administration, Dr. Humar has also been active in engineering consulting. He served as a special consultant for several outstanding civil engineering projects, including the National Aviation Museum in Ottawa and

the SkyDome in Toronto, a stadium with the capacity of about 70,000 with a fully retractable roof. In 1989 he received along with his co-authors the prestigious Gzowski medal of the Canadian Society for Civil Engineering for a technical paper on the design of SkyDome.

Dr. Humar has served with distinction on the Canadian Society for Civil Engineering, as well as on several other professional societies including the Engineering Institute of Canada, and the Indian Society for Earthquake Technology. In 1987 he was elected a Fellow of the Canadian Society for Civil Engineering (CSCE) in recognition of his excellence in engineering, and for services rendered to his profession and to Canada. In 1993, he was elected a fellow of the Engineering Institute of Canada. In 2000 he received the Whitman Wright Award of the Canadian Society for Civil Engineering for his outstanding contribution to the application of computers in civil engineering. In 2003 the CSCE selected him for the prestigious A.B. Sanderson award for his outstanding contributions to structural engineering in Canada. In 2005 he was elected a Fellow of the Canadian Academy of Engineers in recognition of his distinguished service and contribution to the society, to the country and to the profession.

Dr. Humar's main research interest is in structural dynamics and earthquake engineering. He has published over 120 journal and conference papers in this and related areas. He is also the author of a book entitled "Dynamics of Structures," published by Prentice Hall, USA in 1990. The 1000 page second edition of the book has been published by Balkema Publishers of Netherlands in 2002. In February 2000 Dr. Humar led a Canadian Scientific mission to Gujarat to study the damage caused by the Bhuj earthquake.

Dr. Humar's research in earthquake engineering has been recognized both nationally and internationally. In 1998 Carleton University elected him as the year's Davidson Dunton Lecturer for the international recognition of his research. In 2000 he won the Research Achievement Award of Carleton University. In 2002 Carleton University appointed him to the position of Chancellor's Professor for his research and his contributions to the university, both of outstanding merit. On his retirement in July 2003 he was named Professor Emeritus by the University. The University also appointed him as a Distinguished Research Professor in recognition of his continued research activity and graduate supervision.

Dr. Humar serves as a field referee for many international journals including the ASCE Journals of Structures and Engineering Mechanics, the Journal of Sound and Vibration, the Journal of Structural Dynamics and Earthquake Engineering, and the Canadian Journal of Civil Engineering. For 7 years he served as an Associate Editor for the Canadian Journal of Civil Engineering. Currently he is the Associate Editor of the International Journal of Earthquake Engineering and Structural Dynamics. Dr. Humar is a member of the Canadian National Committee on Earthquake Engineering, an advisory body for the Seismic Code of Canada. He is also the Vice President of the Canadian Association for Earthquake Engineering.

Dr. Humar is an active member of the community. He serves as the President of the Jain Society of Ottawa Carleton and a member of Ottawa's Multi-faith Council. He is sought after by various faith groups to speak on the principles of Jainism.

Dr. Humar is also the President of the Mahatma Gandhi Society of Ottawa. The Society is actively engaged in promoting the principles of Mahatma Gandhi. (www.gandhiji.ws)

Dr. Humar is one of the founders of an ambitious project on Women Empowerment located in Udaipur, India and is actively involved in its operation. The project is now in its fifth year of operation. It provides subsidized or free lodging and boarding to about 70 women beneficiaries from the groups of widows, destitute women, and young women from villages and small towns around Udaipur who wish to pursue post secondary education in Udaipur. Besides providing boarding and lodging the project arranges appropriate skill development and/or post secondary education opportunities for the residents. It also runs in-house seminars, courses and other activities for the enhancement of self-awareness, personality development, and physical fitness. The project was recognized by the Canadian International Development Agency through a 3-year financial grant in support of the project.

In addition to his academic and community work Dr. Humar takes part in many extra-curricular activities. He is well known for his poetical works in Hindi and has published a book of poems entitled "Jeevan ke Rang".
