

Biographical Sketch: Dr. Om P. Malik

Dr. Malik graduated in electrical engineering in 1952 and obtained a Master's degree in electrical machine design in 1962. He received a Ph.D. degree in electrical engineering from the University of London and a D.I.C. from the Imperial College of Science and Technology, London in 1965. Dr. Malik worked in electric utilities in India from 1952 to 1961 and spent one year, 1959-60, as a Confederation of British Industries Senior Scholar with manufacturing companies in the U.K. He taught at the University of Windsor, Ontario, Canada, from 1966-68 and joined the University of Calgary, Alberta, Canada, in 1968. He was acting Dean of the Faculty of Engineering in 1981, Associate dean (Academic) from July 1979 to December 1990, and Associate Dean (Student Affairs) from July 1995 to December 1998. At present he is Professor Emeritus, Department of Electrical and Computer Engineering, University of Calgary.

A total of 47 Ph.D. and 60 Master's students have graduated under the supervision of Dr. Malik. Over the years, over 30 research scholars and post-graduate fellows from Australia, Brazil, China, Columbia, Egypt, India, Iran, Japan, Latvia, Portugal, Russia, South Africa, Switzerland, Ukraine have come to work with him.

Professor Om P. Malik has done pioneering work in the development of adaptive and artificial intelligence based controllers for application in electric power systems over the past fifty years. After extensive testing in the laboratory and in actual power systems, these controllers are now employed on large generating units. Professor Malik has also performed extensive work in the area of power system protection, particularly digital and artificial intelligence based protection schemes for power systems, generation of electric power from wind, etc.

Dr. Malik has published 366 papers in reputed international journals such as the IEEE Transactions and the IET (earlier IEE) Proceedings. In addition he has presented over 365 papers in various international and national conferences. He is the coauthor two books, one published by IEEE Press with a revised edition, and one published by IET, 9 book chapters including two in Encyclopedias of Electrical Engineering and two in the Standard Handbook for Electrical Engineers, and 54 other publications. He has been invited to give plenary talks at a number of international conferences in Australia, Azerbaijan, Canada, China, Egypt, France, India, Iran, Romania, Singapore, South Korea, UAE, USA. His scientific contributions are well known and his work has led to collaborative research with a number of research groups in various countries. Dr. Malik is an Associate Editor or on the Editorial Advisory Board of seven international Journals and he is listed in 13 Bibliographical Listings such as Who's Who in the World, Who's who in America, Canadian Who's Who, International Who's Who in Engineering, Men of Achievement, International Scholar's Directory, etc.

Dr. Malik is a Life Fellow of IEEE, a Fellow of Can. Academy of Eng., IET, EIC, Engineers Canada and World Innovation Foundation. He is a registered Professional Engineer in the Provinces of Alberta and Ontario. Among other awards, he has received the APEGGA Heritage Foundation Research Excellence Award, APEGGA Volunteer

Service Award, IEEE Canada General A.G.L. McNaughton Medal, IEEE Western Canada Council Merit Award, IEEE Centennial Medal, IEEE Millennium Medal, IEEE PES Electric Machinery Committee and Technical Council Distinguished Service Awards, Eng. Inst. of Canada CPR Engineering Medal, Faculty of Eng. Univ. of Calgary Distinguished Lifetime Leadership Award, Dept. of Elec. and Comp. Eng. Research Excellence Award, and been admitted to the Order of the University of Calgary. He is past-chair of the IEEE PES Electric Machinery Committee, 2011-2012 Chair of the IEEE PES Energy Development and Power Generation Committee and is also a member of the IEEE PES Technical Council. He was a member of the IEEE MGA Board and IEEE Board of Directors as Director, IEEE Region 7 (Canada), President IEEE (Canada) for 2010-2011 and President, Engineering Institute of Canada for 2014-2016.