

Dr. Anil Mehrotra has been a faculty member, since 1981, in the Department of Chemical and Petroleum Engineering in the Schulich School of Engineering at the University of Calgary. He received a BE(Hons) in chemical engineering from Birla Institute of Technology & Science (1972; BITS, Pilani, India), an MEng in environmental engineering from Asian Institute of Technology (1975; AIT, Bangkok, Thailand), and a PhD in chemical engineering from the University of Calgary (1980).

Dr. Mehrotra is a skilled administrator, team-builder, and well-respected research leader with strong interests in energy and environmental engineering. Dr. Mehrotra has held several senior-level administrative positions, including Interim Dean of the Schulich School of Engineering, and Acting, Interim and Associate Head (Graduate Studies) of the Department of Chemical and Petroleum Engineering. Since 2002, he has served as the (founding) Director of the Centre for Environmental Engineering Research and Education (CEERE) in the Schulich School of Engineering. CEERE was created following the recommendations of an Industry Advisory Council. Its purpose is to provide a management structure for, and to improve the visibility of, multi-disciplinary Energy & Environmental Engineering programs. CEERE's objective is to facilitate active collaboration & participation of members from all five Engineering Departments and other units and Faculties of the University of Calgary.

In July 2012, Dr. Mehrotra was appointed as the Director of the Interdisciplinary post-graduate program, called Sustainable Energy Development (SEDEV). With an integrated course offering by especially qualified faculty members from the schools of engineering and business as well as the faculties of law and environmental design, the SEDEV Program incorporates development, assessment, planning, implementation, coordination, environmental impact and leadership in the area of sustainable energy development. This unique collaborative post-graduate program was offered, beginning in 1995 (in Quito, Ecuador), to students from South America, Central America, the Caribbean, and Mexico, with partial funding from CIDA and OLADE.

Dr. Mehrotra has published over 160 refereed papers in international journals. His research interests include transport and thermo-physical properties of heavy crude oils, wax deposition in pipelines, and energy and environmental engineering. His research expertise is in several areas of considerable industrial relevance, including Non-isothermal crystallization, rheology and solids deposition in pipelines from paraffinic mixtures and 'waxy' crude oils; Transport and thermodynamic properties of heavy hydrocarbon and bitumen mixtures; Wastewater treatment; Contamination of groundwater; Soil remediation and bio-filtration for methane (greenhouse gas) emission control; and Mathematical modeling of processes involving fluid dynamics, heat transfer, phase transformation and reaction kinetics.

From 1996 to 2013 (for over 17 years), Dr. Mehrotra served on the Board of Examiners of the Association of Professional Engineers and Geoscientists of Alberta (APEGA). He has received numerous awards and recognitions for his teaching excellence (from the Schulich School of Engineering, the Engineering Students' Society, the University of Calgary Students' Union, and APEGA) and service contributions, including two Summit Awards from APEGA. He is a registered professional engineer in Alberta. He is a fellow of Chemical Institute of Canada (FCIC), Engineers Canada (FEC), and Geoscientists Canada (FGC-H). For several years, he was a Science Advisor consultant to the Canada Revenue Agency (CRA) for the Scientific Research & Experimental Development (SRED) program. Dr. Mehrotra continues to provide expert advice and consulting services to chemical and petroleum engineering companies in Canada and internationally.