

Praveen Jain - nominated by the IEEE Canada

Praveen Jain is a Professor and Tier-1 Canada Research Chair in Power Electronics at Queen's University in Kingston, Ontario. His industrial experience has included work as a power electronics engineer for Canadian Aeronautics where he contributed to the design and development of high frequency power conversion equipment for the Space Station; as an advisor for Nortel Networks; and as a consultant with Astec Advanced Power Systems providing guidance for the research and development of advanced power technologies for telecommunications. Praveen Jain has also consulted as a technical expert with many organizations including Ballard Power, General Electric and Intel.

A significant element of his work concerns the advancement of high frequency power conversion technology for practical use in the space, computers, telecommunications and induction melting industries. He has tirelessly attracted over \$10 million in research funding to build a unique lab infrastructure and support student research and graduate studies in the area of high frequency power electronics. His research work has resulted in over 230 publications and 30 patents. Praveen has been active in most of the IEEE and major international conferences on power electronics.

For his many contributions to engineering, both in the world of academe and industry, we honour Praveen Jain this evening.

Ladies & gentlemen and Madam President, please welcome Praveen Jain as Fellow of the Engineering Institute of Canada.