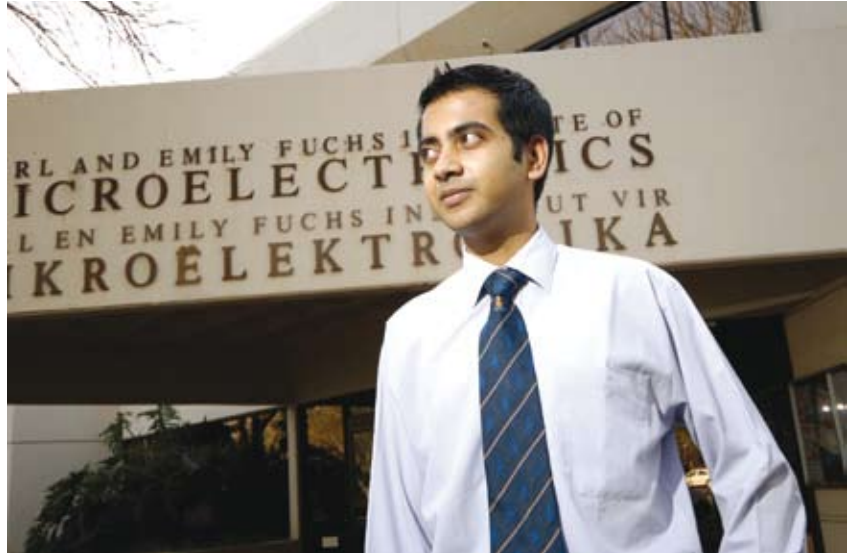


Dr Sinha elevated to Senior Member of the IEEE

Dr Saurabh Sinha, a senior lecturer in the Department of Electrical, Electronic and Computer Engineering, has recently been elevated to Senior Member of the Institute of Electrical and Electronics Engineers (IEEE). This is a remarkable achievement for a relatively young member. Senior Member is the highest professional grade of the IEEE, and requires professional accomplishment and maturity. Out of a membership number of 384 000 in over 160 countries, only 12% of members have achieved this grade.



The IEEE is the world's largest professional association advancing innovation and technological excellence for the benefit of humanity. The IEEE and its members inspire a global community to innovate for a better tomorrow through its highly cited publications, conferences, technology standards, and professional and educational activities.

Dr Sinha completed his BEng (cum laude), MEng (cum laude) and PhD(Eng) degrees at the University of Pretoria, South Africa, in 2001, 2005 and 2008 respectively. Apart from his duties as senior lecturer, Dr Sinha also serves as a consultant for Business Enterprises at University of Pretoria (Pty) Ltd. He is registered as a professional engineer with the Engineering Council of South Africa (ECSA).

It is clear from his involvement in the IEEE and other professional associations why Dr Sinha has been elevated to Senior Member. He is the Chairperson of the South African Section of the IEEE, and in 2008/09, he was invited to serve on the IEEE Membership and Geographic Activities Board (MGAB), as a representative to the Educational

Activities Board (EAB). He serves on several other global engineering educational committees of the EAB.

Dr Sinha pursues research in the field of microelectronics, in particular radio-frequency circuits; his most recent perusal has been in the field of mm-wave microelectronics, which has an eventual aim of achieving multi-Gbps wireless communications.

Over the years, Dr Sinha has attracted funding (over R1.5 million) from a wide diversity of industrial and governmental institutes for his research work at the University of Pretoria, enabling his supervision of 14 postgraduate students. He has authored or co-authored some 40 publications for peer-reviewed international conferences and journals. Dr Sinha is the managing editor of the only locally accredited journal of electrical engineering in South Africa, the *SAIEE Africa Research Journal*. He is also a member of the ECSA Professional Advisory Committee (PAC) associated with electrical engineering.

Dr Sinha received the South African Institute of Electrical Engineers (SAIEE) Engineer of the Year award in 2007. [+](#)