

# Prestigious dti Technology Award for UP

Research conducted in the Sentech Chair in Broadband Wireless Multimedia Communication (BWMC) in the University's Department of Electrical, Electronic and Computer Engineering, has earned Prof Sunil Maharaj a Technology and Human Resources for Industry Programme (THRIP) Award in the Advanced Hi-Tech Research Category.



→ Prof Sunil Maharaj receives the THRIP Award in the Advanced Hi-Tech Research Category from Mr Lionel October, Director-General of the dti.

This award was presented to Prof Maharaj for his collaborative research work in wireless broadband communications.

The BWMC research group comprises about 20 students, ranging from final-year engineering design project students up to postdoctoral fellows working in the area of broadband wireless communications.

Their research has been largely in the area of multiple-input-multiple-output (MIMO) systems with orthogonal frequency division multiplexing (OFDM) technology in wireless communication systems and cognitive radio technology.

THRIP is funded by the Department of Trade and Industry (the dti) and is managed by the National Research Foundation (NRF) in the Department of Science of Technology (DST).

Its mission is to improve the competitiveness of South African industry by supporting research and technology development activities,

and enhancing the quality and quantity of appropriately skilled people.

The programme provides funding to support research initiatives that have industry participation and funding.

In 2013, after a rigorous review of all funded research projects across the country, Prof Maharaj's work was placed in the top three in the Advanced Hi-Tech Category.

This culminated in him being selected by a panel of judges and presented with a certificate of achievement and a plaque by Mr Lionel October, the Director-General of the dti, at a function held at the Durban International Convention Centre (ICC) in October 2013. ➔