

# Informal Introduction



**Saurabh Sinha, PhD(Eng), Pr Eng, *SMIEEE***  
***Nominated* for 2013-2014 IEEE Region 8 Director-Elect**

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# Pretoria, Gauteng

## SOUTH AFRICA



Images (c) South African tourism

# Who is Saurabh Sinha? (1)



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

## Professional Career:

### Associate Professor & Group Head: Electronics & Microelectronics University of Pretoria, South Africa

- Group consists of 4 academics, 30 Master's, PhD students and post-doc. fellows.
- One of the largest research groups - Dept.: Electrical, Electronic & Computer Engineering; while we are 1 of 14 research groups of the Dept. - we contribute to around 25 % of the total #journal publications.
- Research contribution: **mm-Wave / Microwave Integrated Circuits**
  - Prototyping: Europractice & MOSIS
  - Measurement support up to 110 GHz
    - Excellent industrial relations
- Co-authored/authored over 50 peer-reviewed conference(s) & journal publications
- Graduate and Postgraduate level teaching: Analogue Circuit Design

# Who is Saurabh Sinha? (2)

**Registered Professional Engineer – Engineering Council of South Africa (ECSA)**

*{ECSA is a signatory of Washington Accord}*

- Consultant – Generalist areas of Electrical Engineering  
Within Academia, Government and Industry

Via **BE at UP (Pty) ltd**

- Provide short courses to industry

Via **CE at UP (Pty) ltd**



# IEEE life (1)

## **IEEE South Africa Section**

- a. Past-Chair: IEEE South Africa Section (2011/12)
- b. Chair: IEEE South Africa Section (2009/10)
- c. Serving on the IEEE South Africa Section (Section Committee) (2003-2009)
- d. Past IEEE GOLD (Graduates of the Last Decade) Chair: South Africa Section 2003/4)
- e. Past IEEE Electronic Communications Coordinator (ECC) (2003/4/5)
- f. IEEE Membership Development Officer (2005-2010)
- g. Founder: Women in Engineering (WIE)

## **IEEE Region 8 (Europe, Africa, Middle-East & Russia)**

- a. Region 8 Vice-Chair: Technical Activities (2011)
- b. Region 8 sub-committee member: Educational activities sub-committee (2010)
- c. Region 8 committee member (Section Chair, South Africa Section) (2009/10)
- d. Student Activities Committee (SAC)  
Past officer managing the portfolio: Membership Development & Awards (2005)  
Section Chair handling IEEE Region 8 Student Branch Counsellor Programme (2009/2010)
- e. Past member of GOLD Team (2006)

# IEEE life (2)

## **IEEE Globally**

- a. Serving as a member of the IEEE New Initiatives Committee (NIC) (2011)
- b. Serving as the Chair: IEEE Committee on Global Accreditation Activities (CGAA), IEEE EAB (2011)
- c. Serving as the Chair: IEEE Sections Outreach Committee (SEOC), IEEE EAB (2010)
- d. Serving on the IEEE Eta-Kappa-Nu (HKN) Transition Committee (Work-Group B), a sub-committee of IEEE MGA (2009)
- e. Serving on IEEE Pre-University Committee, IEEE MGA (2009)
- f. Serving on IEEE Continuing Professional Education Committee (CPEC), IEEE EAB (2009/10)
- g. Serving on IEEE Member Engagement & Life Cycle Committee (MELCC), IEEE MGA (2009/10)
- h. Serving on IEEE Pre-University Education Coordinating Committee (PECC), IEEE EAB (2009-2011)
- i. Serving on IEEE EAB Operating & Finance Committees (OpCom/FinCom) (2008/9)
- j. Serving on IEEE EAB PECC Engineering Projects in Community Service Team (2008-2011)
- k. Serving on IEEE Member and Geographic Activities Board (MGAB) - Rep.: Educational Activities Board (EAB) (2008/9)

EAB

MGA



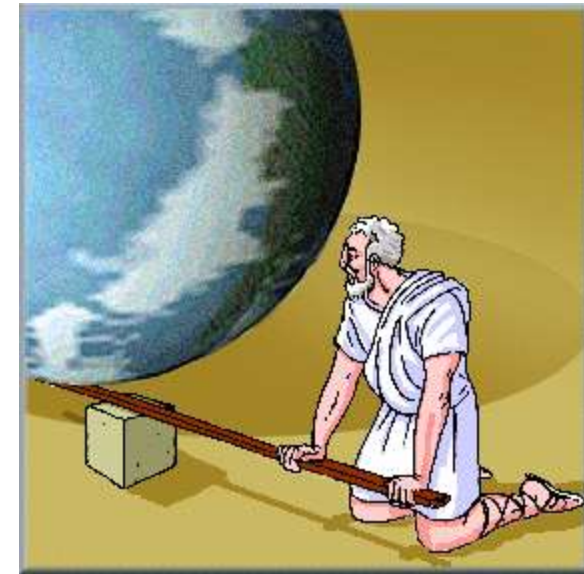
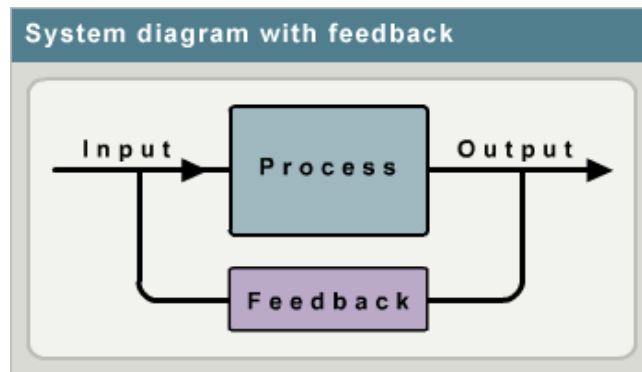
# Why am I an active IEEE volunteer?

**“Be the change you want to see in the World” (Gandhi)**



# Region 8 Thoughts (1)

- Operationalizing Strategy
  - Prioritizing Future Directions

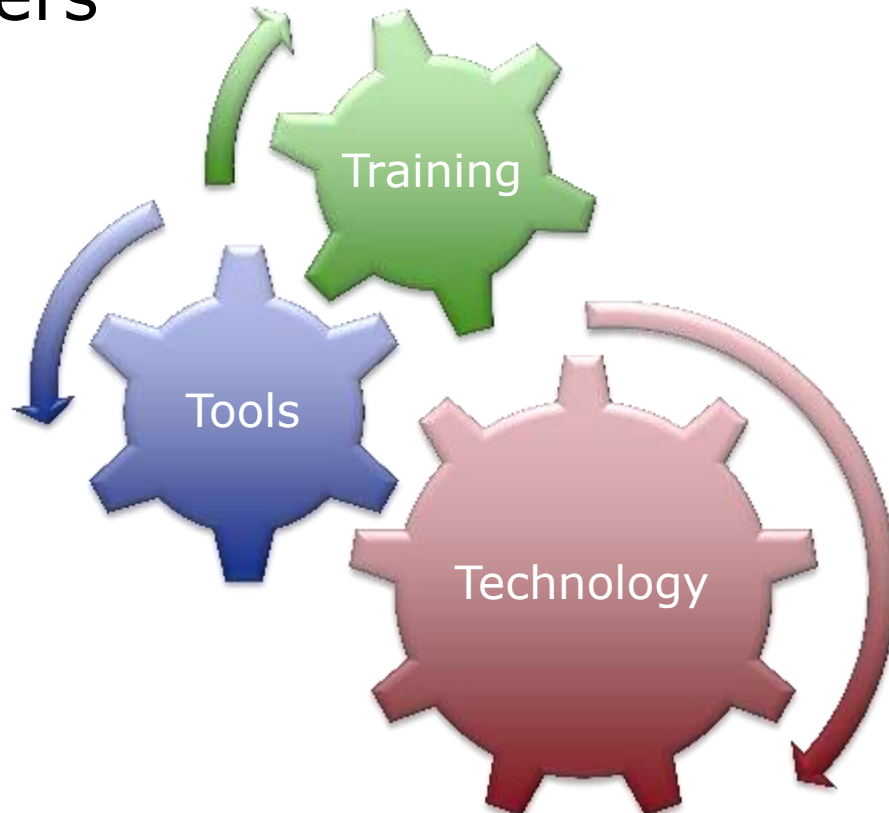


- A. Ginsberg, "Operationalizing Organizational Strategy: Toward an Integrative Framework," *Academy of Management Review*, 1984, Vol. 9, No. 3, pp 558-557.



# Region 8 Thoughts (n-1)

- Developing an “army of volunteers”
  - A growth or developmental path for our volunteers



# Region 8 Thoughts (n)

- Developing our synergy
  - Seeking convergence amidst our diversity
  - A transnational IEEE

