



IEEE BOMBAY SECTION

ACTIVITIES IN 2007

IEEE AGM

16 December 2007

AP/ED

2nd January, 2007 , 1400 hrs

"High Mobility Materials and Novel Device Structures for High Performance Nanoscale MOSFETs"

by Prof. Krishna C. Saraswat, Department of Electrical Engineering, Stanford University, Stanford

4th Jan 2007, 1430 hrs

"Challenges in Advanced Technologies and Enablement"

by : Dr. David Hareme IBM Semiconductor Research and Development Center Essex Junction, Vermon

16th Jan 2007, 1430 hrs

"A LOW POWER AND HIGH PERFORMANCE 5 GHz SRAM CIRCUIT DESIGN WITH IMPROVED CELL STABILITY"

by : Dr. Rajiv V. Joshi, Research staff member at T. J. Watson research center, IBM

PUNE

Prof Dalal visit to Pune, PVG and VIIT

13th Feb 2007, 1500 hrs

"The Euclidean Direction Search (EDS) Adaptive Filtering Algorithm: Theory and Applications"

by : Dr. Tamal Bose, Director Center for High-speed Information Processing Utah State University

WIE

WIE members visit Giant meter wave radio telescope,Pune on Science Day

COMSOC

26th Feb, 2007, 1430 hrs

"Is there a Future for Telecommunications?"

"Looking into Today's Situation and Challenges Lying Ahead"

by Dr. Roberto Saracco, CTO, Telecom, Italia And Member Strategic Board of IEEE

27th Feb, 2007, 1230 - 16.30 hrs

Lunch meeting with Industry Representatives together with Directors of Communications Society of IEEE

31st Mar, 2007, 1700 hrs

"Internet Banking

by Prof. Ward Hanson, Stanford University

Jointly with **IETE, IET and IRSTE**

1st April 2007 at RBYC **Engg Mgmt** & Life Members Aff Grp

Dr Shingo Nishikawa

1. Doing business with China
2. Evolution of Management practises in Japan
3. R & D Management or Product Development or Management practises at AT & T.

PUNE

Shingo visit to IsquareIT and PICT

11th April 2007 , 1430-1530 hrs

"CMOS and beyond"

by : Prof. Kirshna C. Saraswat, Dept of EE, Stanford University

12th April 2007 , 1430-1530 hrs

"High Mobility CMOS Germanium CMOS:"Myths and legends"

by : Prof. Kirshna C. Saraswat, Dept of EE, Stanford University

24th April 2007, 1430 hrs

"Microprocessor Platform and Circuit Challenges in the Era of Tera Scale Computing"

by : Ms E Vasantha, Head Corporate Technology Group, Intel, Bangalore

MAY PUNE

2 day programme on Embedded Systems and Industrial Automation reported by Prof Agashe

17th May, 2007, 1600 hrs

39th WORLD TELECOMMUNICATION AND INFORMATION SOCIETY DAY

" Connecting the Young: the opportunities of ICT "

by : Ms. Sujata Dev Managing Director & CEO, Time Broadband Services Pvt. Ltd.

Jointly with **IETE Mumbai Centre, IRSTE Mumbai Chapter, IET Mumbai Networks, & BESI Mumbai Chapter**

8th June 2007

What India can do to improve the intellectual capital of Africa?

Dr M V Ananthakrishnan, KRESIT, IIT Bombay

PUNE

DSP Conference at PVG, IIT Prof's talk

26th June, 2007, 1100 hrs

"An Overview of IEEE **Computer Society** and Research in Computer Vision at the University of South Florida."

by : Prof. Rangachar Kasturi, IEEE CS President-Elect

and D W Hood Professor and Chair of Dept of CS Engg, Univ of South Florida, Tampa.

PUNE

Rangachar Kasturi visited TCS, Avaya, PICT, talk at PICT (70 fac members present)

Signal Processing Society DSP Lecture series by VM Gadre of IIT Bombay

AP/ED

9th July 2007, 1430 hrs

"Overview of R&D in Micron - Is there really that much "room at the bottom"?"

by : Chandra Mouli, Senior Fellow & Manager R&D Devices Group, Micron Technology Inc., USA

10th July 2007, 1130 hrs

"Technology progress in advanced gate stack and reliability issues"

by : Rino Choi, Project manager in Electrical Characterization and Reliability, SEMATECH

WIE

Students of Cummins College explained computer basics and Internet to 400 less privileged girls of 9th standard from 'Mahilashram High School'.

50 students received hands on training on the Internet.

AP/ED

August 8th, 2007, 1530 hrs

"Related-Key Statistical Cryptanalysis"

by : Dr. Poorvi Vora, Department of Computer Science, George Washington University

WIE

August 2007

Lecture on Ayurvedic medicine was arranged for blind girls of 8th, 9th standards.

Aug-Sep 2007

Teaching aids like earth globe having texture differentiation (prepared by IEEE members) and educational CDS donated to the blind school

PES

6th September 2007

Talk by Saifur Rehman, President Elect of **PES, SPCE Bombay**

22nd September, 2007, 1530 hrs

"Telecom Operations Support Systems (OSS) - An Overview"

by : Mr. Aiyappan Pillai, VSNL

jointly with **IETE & COMSOC**

WIE

Sept-Oct 2007

Course on soldering was conducted by WIE members for girls at 'Anath Hindu Mahilashram', a hostel for orphans

AP/ED

9th October 2007

Emergence of India as a High Tech Manufacturing Hub

Dr Deven Verma, Chair Hindustan Semiconductor Company

WIE

October

Students of 'Venutai Chavan Polytechnic' and 'Govt College of Engineering' visited rural schools with WIE members

Presentations on Vedic mathematics, solar energy were given to the school children.

Books on science experiments, Vedic mathematics, dictionaries were distributed to these students

**INAUGURATION OF NEW STUDENT BRANCH AT
ST XAVIER'S INSTT OF ENGINEERING, MAHIM**

PUNE

27th October 2007 at Hotel Le Meridian, Pune.

IEEE Pune Subsection and IEEE Communication Society Chapter

in association with NASSCOM

One day conference on WIMAX Technology and Challenges in India There were four sessions in the workshop:

WiMAX Technology and Challenges

Regulatory issues and its impact on Indian scenario

Applications

Indian Market and business challenges

1 November 2007

Nim Cheung **President COMMSOC** and Shri Goyal **Memb Relations**

Visit with Industry Leaders in Mumbai

PUNE

Dr Bhim Singh, lecture on Power Quality

Suraj Kothari from IOWA state university lecture on validation techniques

Prof Raj Rangayan, Calgary, lecture on Image Processing

23rd November 2007

Inauguration of **SMC** Chapter at ONGC

Talk on "Biometric Based Security Systems" by Dr Vinay Vaidya

SUMMARY AS ON 16 DEC (AGM)

Execom Date	Organizer	Event	Event Dates	Amount (Rs.)
20JAN2007	Thadomal Shahani	National Conference		15,000 Grant
20JAN2007	G H Raisonni College	Pune		10,000 + 15000
31MAR2007	IETE	International Conference on Nanotechnology and Health Care Applications	11OCT2007 to 13OCT2007	25,000
31MAR2007	SSGMCE	Robotics Conference		20,000
31MAR2007	SSGMCE	National Conf	MAR2008	50,000 Seed Money
31MAR2007	Shah & Anchor Kutchhi Engg. College	Annual Technology Symposium		10,000
31MAR2007	Communications Society	GLOBECOM 2011	In 2011 at Hotel Renaissance, Mumbai	250,000 (committed) Paid to date 210000
27APR2007	PES Society	PES Annual Activites Budget	2007	100,000 (committed) Paid to Date: 50,000/=

Execom Date	Organizer	Event	Event Dates	Amount (Rs.)
16JUN2007	WIE	Events during the year		40,000
16JUN2007	WIE	Pune Conference	2008	50,000
25AUG2007	Pune Sub-Section	WiMax Workshop	27OCT2007	40,000 Seed Money
22SEP2007	SSGMCE	Aavishkar Project Contest	29SEP2007 to 30 SEP 2007	15,000
27OCT2007	Bombay Section	Job Fair	2FEB2008	
27OCT2007	MAE Alandi	Conference, Pune	27DEC2997 to 29 DEC 2007	15,000
27OCT2007	Fr. Agnel CoE	Students National Conference	MAY2008	