

Technical Seminar
On
Emerging Research Need and Opportunities
in Academia and Industries

July 25th, 2009 (Saturday)



Supported By
R10 Technical Activities



ORGANIZED BY
IEEE, GUJARAT SECTION



VENUE



HOSTED BY
IEEE STUDENT BRANCH, DA-IICT

About the Seminar

Objectives

- To introduce and discuss emerging and challenging research issues in the domain of electrical engineering, electronics and communication engineering, computer science and engineering, software engineering and information technology
- To promote research activities/culture among young faculty members of engineering colleges and institutes
- To provide platform for PhD students to discuss their on-going research work
- To facilitate the formation of networking for intra- and inter-disciplinary research groups across various institutes and universities
- To provide information about various R&D promotional schemes and opportunities available with the Government organization.

Intended Audience

- Faculty members of colleges/universities/institutes
- Ph.D. students and any interested candidates for research career Sessions
- Emerging Research Opportunities: India's Perspective
- Research: a scale of measurement of intellectual potential - from the perspective of Academia
- Research: imperative for economic growth - an Industry View
- Panel Discussion: Role of Government, Public, Private and Education sector to promote R&D

Invited Speakers

1. Prof S C Sahasrabudhe (IEEE Fellow), Director, DA-IICT, Gandhinagar
2. Dr. Amit Bhatt, ARM Technologies, Bangalore
3. Prof T P Ramarao, Professor, IIM Ahmedabad
4. Prof P C Pandey, IIT Bombay
5. Dr P K Chakrabarti, Patent and Analytics Centre of Excellence, GE, Bangalore
6. Prof N D Jotwani, Director, School of Solar Engineering, Gandhinagar
7. Prof S L Maskara (IEEE Life Member), Dean, Jaypee Institute of Technology, Noida
8. Dr. Jharna Majumdar, DRDO, Bangalore
9. Dr. Amit Nanavati, IBM Research Lab, India, New Delhi
10. Prof. Arup Dasgupta, Distinguished faculty, BISAG, Gandhinagar

Registration

Fee

Student IEEE Members	Free
Student non-IEEE Members	Rs 200/-
Others	Rs 350/-

Payment: Through DD only in favor of IEEE Gujarat Section payable at Ahmedabad.

Statistics

- Total Participants: 172
- Student IEEE Member: 48
- Student Non-IEEE Member: 52
- Others: 82 (mostly young faculty from various colleges of Gujarat state)

Seminar Secretariat

Ms. Deepa Poduval

Faculty Block 2, DA-IICT, Near Indroda Circle Gandhinagar, 382007.

Schedule

Time	Activity
09:00 – 09:15	Inauguration
09:15 – 10:00	Emerging Research Opportunities: India's Perspective (S C Sahasrabushe)
10:00 – 10:45	Emerging Challenging Research Opportunities in Communication Engineering (S L Maskara)
10:45 – 11:00	Tea Break
11:00 – 11:30	Panoramic Mosaicing and Video Geo registration – Advanced Technologies of Computer Vision (Dr. [Mrs] Jharna Majumdar)
11:30 – 12:00	Emerging Challenging Research Opportunities in Computer Science and Engineering (P C Pandey)
12:00 – 12:30	Green Energy – Challenges and Opportunities (N D Jotwani)
12:30 – 13:00	VLSI Industry – Role of Research in Business Economics (Amit Bhatt)
13:00 – 14:00	Lunch Break
14:00 – 14:30	Geometrics - New horizons and open challenges (Arup Dasgupta)
14:30 – 15:00	Web Technologies, Humanitarian issues and its challenges (Amit Nanavati)
15:00 – 15:30	IPR Issues in Research–What one must know (P K Chakrabarti)
15:30 – 16:00	Managing Research and Technology (T P Ramarao)
16:00 – 17:30	Panel Discussion: Role of Government, Public, Private and Education sector to promote R&D (S L Maskara, S C Sahasrabudhe, T P Ramarao, P C Pandey, Raj Kumar)

Feedback

Average ratings over 5:

Question	Rating by Students	Rating by Professionals
Overall workshop rating	4.2	4.04

Report: Technical Seminar On “Emerging Research Need and Opportunities in Academia and Industries”

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Report Submitted by: IEEE Gujarat Section

Was workshop beneficial for your research goals and carrier	4.15	4.3
Satisfied with selection of experts	4.3	4.0
Hospitality and arrangement by organizers	4.6	4.1

1. Both faculty and students appreciated the workshop and demanded for more such workshops (at least annually) in future so that they can get proper directions in their research work time to time.
2. Participants suggested some more topics should have been covered in this workshop. Some of them could be - Explore the possibility to utilize the library and resources on need basis for experiments during research and How to prepare synopsis and how to choose research topics.
3. Panel discussion was the most interesting session. In the session a diverse range of questions and doubts were asked by participants from the eminent panel of experts and an exciting discussion took place.

Photo Gallery



Registration in Progress



Registration Desk



Registration Kits



Participants



Inaugural talk



Participants - Back View



S C Sahasrabushe



S L Maskara



Jharna Majumdar



P C Pandey



N D Jotwani



Amit Bhatt



Arup Dasgupta



Amit Nanavati



P K Chakrabarti



T P Ramarao



Anil Roy (Gujarat Section Chair)



Rajkumar (Panel Talk)



Session in Progress



Lunch



Panel Discussion



Discussion outside Lecture Theatre



Break Time



Networking



Volunteers



Banner



Group Photo

Report Submitted by

Dr. Anil K Roy

Chair, IEEE Gujarat Section

14 Aug, 2009