



IEEE

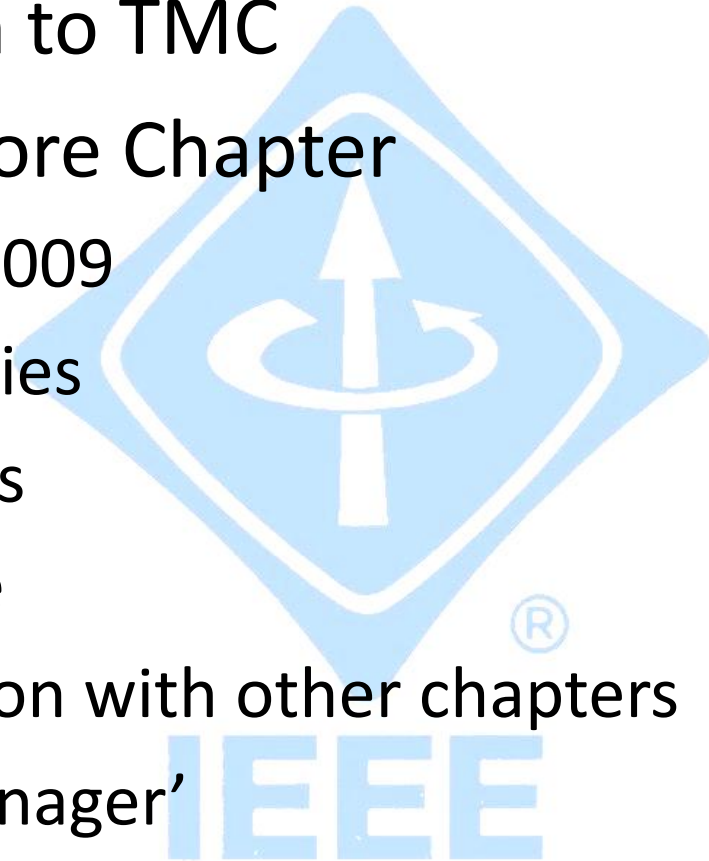
Celebrating 125 Years
of Engineering the Future

Technology Management Council (TMC)
Bangalore Chapter

Chapter Launch Event, 29-Nov-2008,
Choksi Hall, IISc, Bangalore

Agenda

- Introduction to TMC
- TMC Bangalore Chapter
 - Vision for 2009
 - Lecture Series
 - Publications
 - Conference
 - Collaboration with other chapters
 - ‘Future Manager’



What is TMC

- One of forty four Technical Societies and Councils in IEEE.
- The focus of most IEEE Societies and Councils is technical, while Technology Management covers the **management aspects** which are so **necessary to the success of technical operations**.
- Council Member Societies: [Broadcast Technology Society](#), [Circuits & Systems Society](#), [Communications Society](#), [Computer Society](#), [Electron Devices Society](#), [Industrial Electronics Society](#), [Lasers and Electro-Optics Society](#), [Professional Communication Society](#), [Reliability Society](#), [Signal Processing Society](#), [Solid State Circuits Society](#), [Systems Man and Cybernetics Society](#), [Vehicular Technology Society](#)

Vision, Mission and Values

- **VISION:**

- The IEEE Technology Management Council will be a **recognized and respected worldwide source of information and services** in the field of **engineering, technology, and innovation management**.

- **MISSION:**

- The IEEE Technology Management Council provides information and services to IEEE members and the worldwide audience of practitioners and researchers engaged in the profession of engineering, technology, and innovation management.

- **VALUES:**

- High quality services that meet member needs worldwide
- Knowledge integration between the practitioner and academic communities
- Leadership in the development and promotion of management practices
- Knowledge-based decision-making from an organizational perspective
- Innovation in engineering and management disciplines
- Ethical behavior and professionalism

Field of Interest

- The field of interest of the Council encompasses the **management sciences and practices** applicable to **individuals engaged in or overseeing the management of engineering, technology, innovation, and strategy in a global environment.**
- Topics of interest include but are not limited to:
 - technology management and organizational strategy;
 - technology policy development, assessment, and transfer;
 - program and project management;
 - transitioning from technology practitioner to manager;
 - management of research, development, and design of products, equipment, processes, and related activities;
 - innovation and entrepreneurship;
 - interaction and role of scientists, engineers, and managers in meeting organizational objectives;
 - education of personnel engaged in managing engineering, technology, and innovation;
 - the economics of invention, innovation, and application of new technologies;
 - and the impact of engineering, technology, and innovation management on society.

TMC Bangalore Chapter

- 2009 Theme: “**Sustainable Innovation**”
- Focus on **Innovation, Collaboration, Communication, Human Values** and alignment with **Social and Business Values**
- Promote and facilitate **knowledge sharing** and **mutual learning** through expert talks, publications, workshops and conference
- Special emphasis on learning from non-IT fields, and encouraging women in the field of technical management

TMC Bangalore Chapter Team

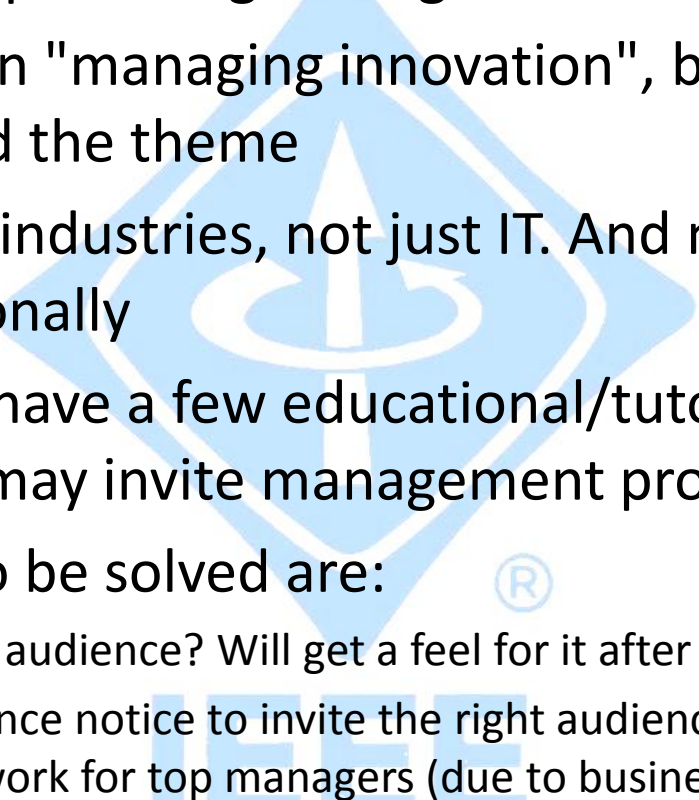
- **Core Team**

- **Chair:** [Tathagat Varma](#), GM, NetScout India
- **Vice-Chair Lecture Series:** [Dr. Raj Mitra](#), Head EDA Tech. Group, TI India
- **Vice-Chair Publications:** [Dr. Jayatheertha](#), Independent Tech. Professional
- **Vice-Chair Conference:** [Ashok Bhattacharya](#), Chief SOA Architect, IBM India Software Labs
- **Treasurer:** [Arun Tanksali](#), VP Technology, Bharti Telesoft
- **Secretary:** [Siva Moorthy](#), Program Manager, Nokia Siemens Networks
- **Collaboration with other chapters:** [Sabyasachi Dey](#), Senior Staff Manager, Qualcomm
- **Student Activities coordinator:** [Santosh](#), ASIC Design Engineer, Nvidia
- **Webmaster:** [Dushyant](#), Systems Engineer, BAeHAL

- **Volunteer Team**

- [Ravikiran](#), [Arjun](#), [Biraja](#), [Girish](#), [Karthikeyan](#), [Mukesh](#), [Narayan](#), [Prashant](#), [Rahul](#), [Raj Sharma](#), [Shashidhara](#), [Sreekanth](#), [Venkataraghvan](#), [Vivekanandan](#)

Lecture Series

- Monthly talks by practicing managers and subject experts
- General theme on "managing innovation", but there will be variations around the theme
- Involve different industries, not just IT. And may go beyond EE discipline occasionally
- Will also plan to have a few educational/tutorial lectures on selected topics (may invite management professors for these)
- Main concerns to be solved are: 
 - What is the target audience? Will get a feel for it after a few trials
 - Need a good advance notice to invite the right audience, but a long notice does not usually work for top managers (due to business flux)

Publications

- Web page (www.tmcbangalore.com)
 - Executive Committee with contact details
 - Information on Conferences & Proceedings
 - News updates: Upcoming events and Past Events
 - Blogs
 - Held Conference Proceedings
 - Downloadable White papers on Sustainable Innovations
 - Downloadable News letter

Publications

- Quarterly News Letter (ezine)
 - Articles on Technology Management
 - Sharing Best Practices, new thoughts and emerging trends
 - Abstracts, Audio and Visual files of delivered speeches in that quarter conducted by TMC Bangalore chapter

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IEEE

Conference

- One International Conference in 2009
 - Bring practitioners and researchers together on a common platform, exchange best practices, discuss new trends, etc.
 - Theme and topic to have some links to the region
 - Proposed theme ‘Sustainable Innovation’
 - Topics (include, but not limited to)
 - Role of Technical Managers in Shaping Innovation Agenda & Execution
 - Green Innovation
 - Training Managers for Innovation in 21st Century
- To deliberate and finalize details by Dec/Jan
 - Length and format: 1 or 2 day, how many tracks
 - Dates, location, CFP, Sponsors, Conference team, Cost, fees etc.

Collaboration with other chapters

- Foster stronger collaboration to identify cross functional issues related to Technology Management
- Understand technology evangelists, what support, structure, and leverage they need from managers, bring the issues back to TMC forum
- Create a communication channel for regular discussions, encourage participation from other chapter members in TMC activities
- Leverage other chapters to reach out to larger groups
- Given the number of chapters and members it will be a good challenge to remain consistent in cross chapter dialogues and participation, suggestions and ideas are welcome

'Future Manager'

- Reach out to young engineers and orient them towards role of a technical manager
 - Two-way communication
 - Bridge the gap between managers and engineers
 - Collate issues from engineers to make managers function more effectively
 - Help those who aspire to be a manager (share knowledge, mentor ?)
- Plan to conduct interaction sessions

Further Information

- [IEEE Technology Management Council](#)
- TMC Bangalore Chapter team



Thanks !

- We look forward to your active support and feedback in this endeavor
- Please encourage professionals in your organizations to become part of this chapter
- Let us know how we could help you 😊

The IEEE logo is a large, light blue diamond shape with a white stylized 'I' and 'E' inside. Below the diamond is the word 'IEEE' in a bold, blue, sans-serif font. A registered trademark symbol (®) is located to the right of the diamond.

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