

Engineering Management

Building the Great Pyramids of Egypt, the Hanging Gardens of Babylon, the Great Wall of China, the Taj Mahal... all these have been feats of contemporary engineering management. As our world grows more complex, management of technical enterprises becomes as important as technical management in enterprises. Above all, this complex world is characterized by what Peter Drucker calls 'knowledge workers'. It is important to continue to provide tools for learning in this world.

The IEEE Engineering Management Society (EMS) directs its efforts toward advancing the practice of engineering and technology management as a professional discipline, encouraging theory development for managing organizations with a high engineering or technical content, and promoting high professional standards among its members.

The Society tries to keep you informed about management activities and skills through our conferences, publications, and educational programs. We depend on volunteers to lend their knowledge and expertise to provide you with programs that meet the management needs of an ever-changing global economy.

We all realize the pressures of doing our 'day jobs,' but as managers we cannot disregard the need for our own professional development. EMS can help you keep abreast not only of the tools and techniques of management but more importantly it can provide information that advances your understanding of the issues facing organizations in a fast paced business environment.

EM stands for more sophistication, rigorous methods etc.. which are more relevant and appealing to a vast class of professional managers in different technological industries and those who need more sophistication/depth in ideas.

The EMS Chapter of IEEE Bombay Section

Mission statement

*The Engineering Management Society Chapter will aim **to deliver a pool of "Actionable Ideas"** in a focused manner and on an ongoing basis, particularly to facilitate adoption of best practices to increase competitiveness.*

The EMS in India

The EMS Bombay chapter is among the first in South Asia and aims to fill the need of the industry as it concerns this domain of skills and knowledge. Traditional MBA programs do not directly cater to the needs of engineering management professionals. In fact in the West, EM programs are very distinct from MBA programs and are often offered by schools of engineering. In India, the EMS aims to give the participating professionals immediately applicable ideas. Our mission statement captures this aim.

This initiative is supported by senior industry leaders.

Would you like to be informed of the future programs of EMS? If so, please provide the following:

Name, organization and designation with "EMS programmes" in the subject line and email to Dr. Shrikant Parikh at sparikh@vsnl.com

Engineering Management Society Chapter

IEEE

Bombay Section

WORKSHOP ON PERSPECTIVES ON RISK MANAGEMENT

*Characterization and Forecasting of
Project Risks
Analysis and Case Studies*

faculty

Dr.Tzvi Raz

Tel-Aviv University, Israel

Dr.Anant Patwardhan

IIT Bombay

Mr. Rajesh Venkat

Sterlite industries Ltd.

Mr.Deepji Singhal

FICA

co-sponsors

Tata Consultancy Services
IEEE Bombay Section
SPJ Institute of Management
& Research

**5th October, 2002
Taj Mahal Hotel, Mumbai**

The Programme

Throughout history, those who have dared greatly have risked failure - from Icarus of the Greek legend who tried to fly, to the "hobbled Hubble" space telescope, in which a technician put in the wrong lens; as true of the media industry's forays into the world of the Internet as of the satellite phone service launched by Iridium LLC.

Risk management has become a key project management process. It is important not just to project managers, but to term lending institutions and finance managers, insurance companies and investment bankers, chartered accountants, venture funds, internal auditors.

RM has been, in recent times, increasingly recognised as the key determinant of project success. A successful project manager is typically one who is rather effective in foreseeing and managing risks, though until recently that happened in an informal, non-comprehensive manner

Successful corporations have recognized that risk management skills must become an ***integral part of decision-making.*** This workshop will focus on the relevance and criticality of project risk management, particularly of large infrastructure projects. Participants will be introduced to the mainstream methods of RM and share results of field research and experiences.

We are fortunate in having Dr. Tzvi Raz as the lead faculty. Prof. Raz is a Professor of Technology and Information Systems Management and Assistant Dean at the Leon Recanati Graduate

School of Business Administration at Tel Aviv University. He has also served as a consultant to leading multinational companies. Raz will be supported by Dr. Anant Patwardhan of IIT (Bombay) who will address the assessment and management of technological risk factors. Mr. Rajesh Venkat will address the assessment of risk before funding a project/new venture. He will be followed by Mr. Deepji Singhal, who will address the subject from a financial perspective. His expertise is in the area of business risk assessment/management. All four experts very carefully balance and complement the treatment of the subject in an implementable manner.

Registration Fees (include the cost of lunch, notes, etc)

Rs. 3,000/- per participant

Rs. 2,500/- for IEEE members, delegates from co-sponsors and/or 3 delegates from the same organization. [IEEE members please mention your membership number]

Before 30th September, 2002 : an early bird discount of Rs. 250/- will apply.

Sponsoring organizations and participants are urged to send in their registrations at the earliest as seats are limited.

DD to be drawn in favour of "IEEE Bombay Section"

For queries on the technical programme, please write to

Dr. Shrikant Parikh : sparikh@vsnl.com

For all other queries, write to Mr. Anthony Lobo at AnthonyL@mumbai.tcs.co.in or call 022-372 2888 -or- 022 266 4263

Registration for the Workshop

Name: _____

Organization: _____

Designation: _____

No of participants? : _____

DD No. & Bank Details: _____

Mail the completed registration form so as to reach on or before **2nd October, 2002**, to:

Mr. Anthony Lobo,
IEEE Engineering Management Society,
Bombay Section,
C/o Hakotronics Pvt. Ltd., 104, Shiv
Industrial Estate, Mumbai - 400 012.

About IEEE

The Institute of Electrical and Electronics Engineers (IEEE), the world's largest technical society, is a non-profit professional association of over 350,000 individual members in more than 150 countries. Through its members, IEEE is a leading authority in areas from computer engineering, biomedical technology and tele-communications, to electric power, aerospace and consumer electronics.