

VIIth Annual International Conference

November 30 - December 2, 2012

Conference Theme: Technology Intensity and Global Competitiveness

Hosted by: Symbiosis International University, Pune, India

Programme

November 30, 2012

I. Introductory Session	[9:30 – 10:30]
Chairperson:	Professor S. R. Hashim, President, Knowledge Forum
Rapporteur:	Dr. Dipika Kaur Jaspal, SIT
Welcome:	Dr. Vidya Yeravdekar, Vice Chancellor, Symbiosis International University, Pune
Remarks on Knowledge Forum:	Professor S. R. Hashim, President, Knowledge Forum
Introduction to the Sessions:	Professor N. S. Siddharthan, Hon. Director, Knowledge Forum
Conference Logistics:	Dr. Tejinder Paul Singh, Director, Symbiosis Institute of Technology, Symbiosis International University, Pune
Vote of Thanks:	Professor K. Narayanan, Hon. Treasurer and Convener of Conferences, Knowledge Forum

10:30 – 11:00: Tea/ Coffee

II. Technology and Internationalisation [11:00 – 13:30]

Chair/Discussant: Y. S. Rajan (ISRO)

Rapporteur: Akshay Malhotra, SIT

- Filip De Beule and Dieter Somers (Lessius University College, Antwerp, Belgium), “The Reasons for and Impact of the Internationalization of Research and Development: The Case of Indian Multinationals”.
- Françoise Pardos (Pardos Marketing, Paris), “Technology Intensity and Innovations in the next Thirty Years”.
- A. S. Rao (Former Advisor, DST), “INDIA: a *fab-less* wonder: Case of SMDP”.
- G. D. Sandhya (NISTAD, New Delhi) “Role of S&T and Innovation Policies in Transforming the National Innovation System in China: Lessons for India”.

13:30 – 14:30: Lunch

III. Technology and Global Operations – Auto Sector [14:30 – 16:15]

Chair/Discussant: *Ashok Jain (Former Director, NISTAD)*

Rapporteur: *Viswas Purohit, SIT*

- Neelam Singh (Economics Department, Lady Shri Ram College, Delhi University, Delhi), “Technological Efforts and Global Operations: Indian Auto Component Firms”.
- Rahul Z. More and Karuna Jain, (SJM School of Management, IIT Bombay), “Innovation and Competitiveness among the Firms in the Automobile Cluster in Pune”.
- B. S. Sangha (Institute for Autoparts and Hand Tools Technology, Ludhiana), T. P. Singh (Symbiosis International University, Pune) and Ajay Batish (Mechanical Engineering Department, Thapar University, Patiala), “An Assessment of Regional Innovation System among Small Scale Auto Parts Industry of Punjab, India”.

16:15 – 16:45: Tea/ Coffee

IV. Technology and Global Operations – Pharmaceuticals [16:45 – 18:00]

Chair/Discussant: *N. S. Siddharthan (Hon. Director, Knowledge Forum)*

Rapporteur: *Rupali Nagar, SIT*

- Bishwanath Goldar (IEG & CITD, JNU, Delhi), “R&D Intensity and Exports: A Study of Indian Pharmaceutical Firms”.
- Vidhisha Vyas, K. Narayanan, and A. Ramanathan, (Department of H&SS, IIT Bombay), “Mergers & Acquisitions, Technological Efforts and Exports: A Study of Pharmaceutical Sector in India”.

18:00 – 19:00: Governing Council Meeting

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V. Technology and Global Operations - Other Sectors [9:30– 11:15]

Chair/Discussant: *B. L. Pandit (DSE)*

Rapporteur: *Brajesh Pandey, SIT*

- Pradeep Kumar Keshari (IDBI Bank, New Delhi), “Technological Determinants of Competitive Advantage in the Indian Machinery Industry”.
- Ronny Thomas and K. Narayanan (Department of H&SS, IIT Bombay), “Productivity Heterogeneity and Exports: A Study of Indian Manufacturing Industries”.
- Narayan R. Pisharoty (Symbiosis Institute of Technology, Pune), “Analysis of Electronics Industry Recommendations and the Growth Aimed Policy Announced Recently by GOI”.

11:15 – 11:45: Tea/ Coffee

VI. Socio-Economic Issues

[11:45 – 13:15]

Chair/Discussant: *S. R. Hashim (President, Knowledge Forum)*

Rapporteur: *Himanshu Agrawal, SIT*

- Arup Mitra (IEG, Delhi) and Chandan Sharma (Department of Economics, NIFM, Faridabad), “Technology Intensity and Global Competitiveness: Issues in Labour Cost and Employment”.
- Bino Paul G. D. (TISS, Mumbai), A. P. Achar (Sahydari College of Engineering and Management, Mangalore), and Krishna M. (Tata Institute of Social Sciences, Hyderabad), “What Makes Micro Enterprises Perform in a Jewellery Cluster? Seeing Space for Computer Aided Designing (CAD)”.
- Rajesh Panda , (Symbiosis Institute of Business Management, Pune), “Globalised India and Challenges for Sustainable Growth”

13:15 – 14:15: Lunch

VII. Studies on Pollution and Environmental Regulations

[14:15 – 16:00]

Chair/Discussant: *T. P. Singh (SIU)*

Rapporteur: *Medha Dhande, SIT*

- Nivedita Dutta and K. Narayanan (Department of H&SS, IIT Bombay), “Econometric Estimation of Technical and Environmental Efficiency: An Application to Chemical Industry in and around Mumbai”.
- Santosh Kumar Sahu and K. Narayanan (Department of H&SS, IIT Bombay), “CO₂ Emission from Fossil Fuel Consumption and Technology Intensity: A Study of Indian Manufacturing Industries”.
- Arundhati Warke, Viswas Purohit (Symbiosis Institute of Technology, Pune), and Sanjeevani Shah (Smt. Kashibai Navale College of Engineering, Pune), “Statistical Analysis of Removal of Moisture from Bagase by Microwave Heating”.

16:00 – 16:30: Tea/ Coffee

Panel Discussion: Interaction between Technology, Energy and Environment [16:30 – 18:00]

Chair: Rajeev Kumar Mital, Member Secretary, MPCB, Mumbai

- Professor Milind V. Rane, Department of Mechanical Engineering, IIT Bombay
- Professor Bharat Bhushan, YASHADA, Pune
- Professor Neetin Desai, D. Y. Patil University, Navi Mumbai
- Dr. A. R. Supate, Principle Scientific Officer, MPCB, Mumbai

18:00 – 19:30: General Body Meeting

December 2, 2012

VIII. Technology and Export Orientation: SMEs

[09:30 – 10:45]

Chair/Discussant: *Jyoti Chandiramani (SIU)*

Rapporteur: *Anindita Ghosh, SIT*

- Jaya Prakash Pradhan (Central University of Gujarat) and Keshab Das (GSID, Ahmadabad), “Exports by Indian Manufacturing SMEs Regional Patterns and Determinants”.
- Kaushalesh Lal (Society for Development Studies, Delhi and MERIT, The Netherlands) and Shampa Paul (Institute of Development and Environmental Applied Studies, NOIDA), “Export Orientation and Firms’ Policy during Global Economic Slowdown”.

10.45 – 11.00: Tea/Coffee

11.00 – 12.30: Concluding Session

Chairperson: *Professor S. B. Mujumdar, Chancellor, Symbiosis International University, Pune*

Report of the Rapporteurs

Remarks by: Professor S. R. Hashim, President, Knowledge Forum

Remarks by: Professor N. S. Siddharthan, Hon. Director, Knowledge Forum

Vote of Thanks: Professor K. Narayanan, Hon. Treasurer and Convener of Conferences, Knowledge Forum

12:30 – 13:30: Lunch