
IX Annual Conference: October 27-29, 2014

Co-organiser Indian National Academy of Engineering (INAE)

Hosted by: National Institute of Advanced Studies (NIAS), Bangalore

Conference Theme: *Technology: Corporate and Social Dimensions*

Tentative Programme

October 27, 2014

9:00 – 9:30 Registration

9:30 – 10:30 Introductory Session and Special Lecture

Chair: S R Hashim (President Knowledge Forum)

Welcome: Rajaram Nagappa (Hon. Professor NIAS)

INAE & KF collaboration: Baldev Raj (President INAE and Director NIAS)

Introduction to conference: N S Siddharthan (Hon. Director KF and Hon Professor MSE)

Keynote Address: Stanley Nollen (Professor, Georgetown University, USA)

Remarks by Chair: S R Hashim

Vote of Thanks: K Narayanan (Convenor Conferences KF, and Professor IIT B)

10:30 – 11:00 Coffee/Tea

11:00 – 12:00 Technical Session I - Multinational Enterprises and Business groups

Chair/Discussant: B L Pandit (Delhi School of Economics)

- *Biswanath Goldar and Akhilesh Kumar Sharma* (IEG Delhi) Increase in foreign equity holding in Indian firms and its impact of firm performance
- *Pradeep Kumar Keshari*,(IDBI) Foreign Multinationals and Domestic Enterprises: Comparison of their Technological and other Characteristics in the Indian Machinery Industry

12:00 – 13:00 Technical Session II-Employment

Chair/Discussant: Alakh N. Sharma (Institute for Human Development)

- *Arup Mitra (IEG Delhi)*, R&D Expenditure, TFPG and Employment.
- *Maitri Ghosh (Bethune College, Kolkata) and Saikat Sinha Roy (Jadavpur University, Kolkata)* FDI, Technology Acquisition and Labor Demand in an Emerging Market Economy: A Firm-Level Exploration of Indian Manufacturing Industries

13:00 – 14:00 Lunch

14:00 – 16:00 Technical Session III - Case Studies (INAE Members)

Chair/Discussant: B N Suresh (ISRO)

- V S Hegde (ISRO), Case study from ISRO
- Mandal, Case study from DRDO
- Apte (BRAC) Case study on Agriculture and food technology
- Kota Harinarayana

16:00 – 16:30 Coffee/Tea

16:30 – 17:30 Technical Session IV

Chair/Discussant: N S Siddharthan (Knowledge Forum and MSE)

- *Ashok Jain (EMPI Business School, New Delhi), and M.K. Das (Institute of Informatics & Communication, University of Delhi South Campus)*, “Complexity Measure in India’s Export Data”
- *Savita Bhat, (NIT K Surathkal)* Determinants of inter-state differences in Income: Exploring the Role of Innovative Efforts

17:30 –18:30 Keynote Lecture:

Chair: Dr. Baldav Raj (Director NIAS and President INAE)

R. Venkataraman (Executive Trustee of Sir Dorabji Tata Trust)

18:30 – 19:30 Knowledge Forum Governing Council Meeting

9:00 – 10:30 Technical Session V- Technology and Productivity

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

- *Sunil Kumar Ambrammal and Ruchi Sharma* (IIT Indore) Does patenting have any influence on firm's efficiency and productivity? :Evidence from Indian high and medium-tech firms
- *Aakanksha Arora*, (IES) Total Factor Productivity Growth, Employment and Openness:A Case Study of Indian Automobile and Textile Industry
- *Madhuri Saripalle*,(MSE Chennai), Imported inputs and labor productivity in the Electronics industry: Impact on the organized and unorganized sector

10:30 – 11:00 Coffee/tea

11:30 – 13:00 Technical Session VI: Environment and Development

Chair/Discussant: Bino Paul (Tata Institute of Social Sciences)

- *Aradhna Aggarwal* (Delhi University), Acquisition Of Technological Capabilities Through The Clean Development Mechanism: Some Quantitative Explorations.
- *Santosh K. Sahu* (MSE) and *K Narayanan* (IITB), Environmental Certification and Technical Efficiency: A Study of Manufacturing Firms in India.
- *Kaushalesh Lal*,(UNU Maastricht), and *Shampa Paul* (Society for Development studies, Delhi). , "Unit level analysis of environment consciousness and intensity of ICT adoption"

13:00 – 14:00 Lunch

14:00 – 15:00 Technical Session VII: Policy Issues

Chair/Discussant: Arup Mitra (Institute of Economic Growth)

- *Vinish Kathuria*, (IIT Bombay),"Role of industrial policy in reducing technology gap - a study of Indian pulp and paper industry"
- *Filip De Beule and Ernst Verwaal*, (KU Leuven University, Belgium), Does The Quality Of Institutions Impact The Profit Motive To Do Good For The Poor? A Contingent Resource-Based View On Inclusive Strategies At The "Base Of The Pyramid"

- 15:00 – 16:00** **Technical Session VIII: Innovative Efforts**
- Chair/Discussant: Filip De Beule, (KU Leuven University, Belgium)**
- *Subash Sasidharan* (IIT Madras), Business Group Affiliation and innovative efforts.
 - *Vidhisha Vyas and K. Narayanan (IIT Bombay)*, Does M&A matter for R&D? Evidence from the Pharmaceutical Sector in India
- 16:00 – 16:30** **Tea/Coffee**
- 16:30 – 18:00** **Technical Session IX: Techno Social Issues**
- Chair/Discussant: Ashok Jain (Former Director, NISTAD)**
- *D. Parthasarathy*,(IIT B), Agriculture, Technology, Livelihoods, and Employment in India: Debates, Issues, and Concerns
 - *Asmita Bhardwaj*(Govt. College of Engineering, Pune), Global Technologies and Local Distress: Towards Sustainable Farm Livelihoods in Rainfed India,
 - *A S Rao*, Minimum Viable Product (MVP) for Product startup: An Indian perspective.
- 18:00 – 19:00** **General Body Meeting of the Knowledge Forum**

October 29, 2014

- 9:00 – 11:00** **University – Industry, Collaborations**
- Chair/Discussant: Y S Rajan (ISRO)**
- *N S Siddharthan* (Madras School of Economics), University – Industry Collaboration: Asian Experience.
 - Pandit, Case Study on University-Industry-Linkages in Chemical Sector
 - Case Study of IIT Bombay
 - *AICTE-CII: Survey Report on University – Industry Collaborations*
- 11:30 – 11:45** **Coffee /tea**
- 11:45 – 13:15** **Ph.D Workshop**
- 13:15** **Lunch**