



FORUM FOR GLOBAL KNOWLEDGE SHARING

(Knowledge Forum)

<http://FGKS.in>

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Report of the Secretary

(November 30, 2012)

I welcome you all to the general Body Meeting of the Forum for Global Knowledge Sharing (Knowledge Forum). Since April 2011 we have made considerable progress in publications. We have added about 31 new research papers in our “*Research Papers*” folder. We also have three volumes published this year. The international journal *Science, Technology and Society* has brought out a special issue of the journal on “*Agglomeration, Technology Clusters and Networks*” consisting of select papers presented at our annual conference hosted by Goa University on that theme. The IASSI Quarterly journal *Contributions to Indian Social Science* also brought out a special issue of the journal containing papers dealing with socio-economic issues presented at the annual conference hosted by IIT Bombay. In addition **Springer** is bringing out a volume on *Human Capital and Development* containing select papers presented at our 2010 conference held at IIT Bombay. This year 17 scholars became members of the Forum.

I wish to place on record our sincere thanks to eSocialSciences and in particular to its editor Dr. Padma Prakash, for hosting and maintaining our website and for arranging copy editing of our

papers before sending them for publication free of cost. We did offer payment for the services and it was politely refused. Many thanks and we look forward for further strengthening our collaboration.

Conferences Organised Since April 2011

Sixth Annual Conference: “Agglomeration, Technology Clusters and Networks” (Goa, November 18-20, 2011)

The Sixth Annual Conference was held in collaboration with TIFAC and IASSI and was hosted by the Department of Economics, Goa University. The conference was held at the International Centre, Goa. The Inaugural session was chaired by Professor Dileep Deobagkar, Vice Chancellor Goa University and Dr. Anil Kakodkar, Chairman TIFAC and former Chairman Atomic Energy Commission delivered the Theme Address. About 65 scholars registered and participated in the conference. In addition to Knowledge Forum members, scholars from TIFAC also presented papers and participated in the discussions. We thank TIFAC and IASSI for their generous grant.

The following papers were presented:

1. Rakesh Basant, Pankaj Chandra, Rajesh S Upadhyayula, (IIM A), “Knowledge Flows and Capability Building in the Indian IT Sector: A Comparative Analysis of Cluster and Non-Cluster Locations”.
2. Smruti Ranjan Behera, Pami Dua, Bishwanath Goldar (Institute of Economic Growth and Delhi School of Economics), “Foreign Direct Investment and Technology Spillover: An Evaluation Across Different Clusters in India”.
3. Vinish Kathuria, (IIT B), “What Causes Agglomeration? – Policy or Infrastructure – A Study of Indian Manufacturing Industry”.
4. Haiyan Zhang, Zhi Yang and Danny Van Den Bulcke (University of Antwerp, Belgium) “Geographical and sectorial patterns of Indian and Chinese multinationals in Europe: A comparative analysis”.

5. Filip De Beule, (Lessius University College, Antwerp, Belgium),“Foreign Subsidiaries in China: Local Responsiveness, Global Integration and Multinational Network Embeddedness”.
6. Filip De Beule and Van Beveren Ilke, (Lessius University College, Antwerp, Belgium) “Location and Network Determinants of Technology Seeking and Versus Technology Exploiting FDI”.
7. A S Rao, (Former Advisor DST), “Managing White Spaces in Building innovation Clusters”.
8. Santosh Kumar Sahu and K. Narayanan, (IIT B), “Energy Intensity and Firm Performance: Does Energy Cluster Matter?”.
9. Rani Maria Thomas and K. Narayanan, (IIT B), “A Comparative Study of Technology and Industry Clusters in India”.
10. Arup Mitra, (Institute of Economic Growth, Delhi), “Agglomeration Economies and Well-being: Evidence from India”.
11. Bino Paul and Krishna M, (TISS, Mumbai) “Urban Agglomeration and Labour Market: Emerging issues in India”.
12. Atsuko Kamiike, Takahiro Sato, Aradhna Agarwal, (Delhi University) “Productivity Dynamics in the Indian Pharmaceutical Industry: Evidences from Plant-level Panel”.
13. Nisha Taneja, Saon Ray and Neetika Kaushal, (ICRIER), “Opening India’s Garment Sector to South Asia”.
14. Majumder, TIFAC, “TIFAC’s experiences in SME Clusters”
15. Mukesh Mathur, TIFAC, “Innovation to Commercialization : TIFAC’s Experiences”
16. Ms. Sangeeta Baksi, TIFAC, “Technology Innovation in SMEs – TIFAC Initiatives in Advanced Composites”
17. Dr. Prabuddha Ganguli, CEO, Vision-IPR, Mumbai
18. Mr.Chandrasekhar T, Director, PFC, “IP Facilitation & Studies : Role of PFC”

In addition there was a panel discussion and the following persons spoke in the panel:

1. Biswanath Goldar (Institute of Economic Growth, Delhi)

2. A. V. Sapre, (Member Secretary, Rajiv Gandhi Science and Technology Commission, Government of Maharashtra)
3. N S Siddharthan (Knowledge Forum and MSE)
4. Sreekumar Panicker, (Eaton India Engineering Centre)

Following persons Chaired/ acted as Discussants

1. S R Hashim, President, Knowledge Forum and Chairman IASSI
2. K L Krishna, Former Director, Delhi School of Economics
3. P V Indiresan, Former Director IIT M
4. B L Pandit, Former Head, Delhi School of Economics
5. Y S Rajan, ISRO
6. Ashok Jain, Former Director NISTAD
7. Daniel Van Den Bulcke, University of Antwerp
8. N S Siddharthan, MSE and Knowledge Forum
9. P K Bose, Director, NIT, Agartala
10. K Narayanan, IIT Bombay

I am happy that our General Body is meeting now during the Seventh Annual Conference on *Technology Intensity and Global Competitiveness* at Symbiosis International University, Pune. This conference is supported by Symbiosis University and Pollution Control Board of Maharashtra. We are grateful to both the organisations for their support and collaboration. I would also like to place on record my gratitude to the Symbiosis University for hosting this conference and for funding local hospitality.

We had to postpone the conference by two weeks as Symbiosis University had a week long Deepavali holidays during the earlier conference dates. As a result of this some of our European and US delegates could not attend this conference as they had prior teaching commitments.

Research Papers

Since April 2011 we have added about 31 papers to our *Research Papers* folder of the website.

Papers posted in our *Research Papers* folder are covered by google search. They are also covered by google citation index. The papers posted in our folder have already received several citations. Furthermore, eSocialSciences <http://www.esocialsciences.com> has also been giving wide publicity to our papers and programmes. They have also given a link to our website. Currently they are also hosting our website. Our sincere thanks to Dr. Padma Prakash.

Financial Position and Audited Statement

As you can see from our audit statement, we have invested the entire membership fee (including corporate members) in fixed deposits. Till 2010 our expenditures have been very modest. Our host institutions took care of all expenditures. They also directly received grants from other agencies. Knowledge Forum did not receive any grant. With respect to funding, 2011 Annual Conference was different and our collaborators, namely, TIFAC and IASSI transferred funds directly to Knowledge Forum. All expenditures of the VI annual conference were incurred by Knowledge Forum. The audit statement reflects this.

Professor K Narayan, Treasurer of Knowledge Forum and Convenor of our conferences, is mainly responsible for organising Goa and Pune conferences. He identified the host institutions, negotiated with the funding agencies and obtained resources. I was only giving him moral support. It is getting increasingly difficult to motivate industry and government agencies to fund conferences. As I have been emphasising in my earlier Annual Reports, we need to build a good corpus (endowment) to meet our modest expenditures. We need to be in a position to rely at least partly on our own resources to conduct our annual conferences and not depend entirely on host institutions and other funding agencies. I appeal to the members of the General Body to help us in this fund mobilising endeavour.

List of Research Papers since April 2011

Author *	Title	Date Posted
K. Narayanan	<u>Econometric Estimation of Technical and Environmental Efficiency: An Application to Chemical Industry in and around Mumbai</u>	21-NOV-12
K. Narayanan	<u>Mergers & Acquisitions, Technological Efforts and Exports: A Study of Pharmaceutical Sector in India</u>	21-NOV-12
Santosh Kumar Sahu	<u>CO2 Emission from Fossil Fuel Consumption and Technology Intensity: A Study of Indian Manufacturing Industries</u>	21-NOV-12
Karuna Jain	<u>Innovation and Competitiveness among the Firms in the Automobile Cluster in Pune</u>	16-NOV-12
K. Narayanan	<u>Productivity Heterogeneity and Exports: A Study of Indian Manufacturing Industries</u>	16-NOV-12
Pardos	<u>Technology intensity and innovations in the next thirty years</u>	15-NOV-12
Bishwanath Goldar	<u>R&D intensity exports: A study of Indian pharmaceutical firms</u>	14-NOV-12
Bino Paul	<u>What makes micro enterprises perform in a jewellery cluster? Seeing space for Computer Aided Designing (CAD)</u>	08-NOV-12
Filip De Beule	<u>The Reasons for and Impact of the Internationalization of Research and Development: The Case of Indian Multinationals.</u>	08-NOV-12
G D Sandhya	<u>Role of S&T and Innovation policies in transforming the National Innovation System in China: Lessons for India</u>	08-OCT-12
Jaya Prakash Pradhan	<u>Exports by Indian Manufacturing SMEs Regional Patterns</u>	06-OCT-12

	and Determinants	
PRADEEP KUMAR KESHARI	Technological determinants of competitive advantage in the indian machinery industry	26-SEP-12
A.S.Rao	INDIA: a fab-less wonder: case of SMDP	26-SEP-12
Neelam Singh	Technological Efforts and Global Operations: Indian Auto Component Firms	31-AUG-12
K. Lal	Export Orientation and Firms Policy during Global Economic Slowdown	24-AUG-12
ARUP MITRA	Technology Intensity and Global Competitiveness: Issues in Labour Cost and Employment	16-AUG-12
Xiaolan Fu	Intra- and Inter-national University-Industry Linkage and Innovation in Emerging Economies: Evidence from China	18-JUN-12
K. Narayanan	Energy Intensity and Firm Performance: Do Energy Clusters Matter?	13-NOV-11
Haiyan Zhang	Geographical agglomeration of Indian and Chinese multinationals in Europe: A comparative analysis	12-NOV-11
K. Narayanan	A COMPARATIVE STUDY OF TECHNOLOGY AND INDUSTRY CLUSTERS OF SMEs IN INDIA	10-NOV-11
Ilke Van Beveren	Location and network determinants of technology-seeking versus technology-exploiting FDI	07-OCT-11
Filip De Beule	Localization, globalization and networks of foreign subsidiaries	20-SEP-11
RAKESH	Knowledge Flows and Capability Building in the Indian IT Sector: A Comparative Analysis of Cluster and Non-Cluster Locations	18-SEP-11
Bino Paul	Labour Market in Urban Agglomerations: A case from an Indian Global City	12-SEP-11
Vinish	What causes Agglomeration? policy or infrastructure A study of Indian manufacturing industry	04-SEP-11

Bishwanath Goldar	Foreign Direct Investment and Technology Spillover: An Evaluation across Different Clusters in India	03-SEP-11
Saon Ray	Opening Indias Garments sector to South Asia	01-SEP-11
Dr. Aradhna Aggarwal	Productivity Dynamics in the Indian Pharmaceutical Industry: Evidences from Plant-level Panel Data	01-SEP-11
ARUP MITRA	Urbanization in India: Evidence on Agglomeration Economies	16-AUG-11
A.S.Rao	WHITE SPACES IN BUILDING INNOVATION CLUSTERS	16-AUG-11
PRADEEP KUMAR KESHARI	EFFICIENCY SPILLOVERS FROM FDI IN THE INDIAN MACHINERY INDUSTRY: A FIRM-LEVEL STUDY USING PANEL DATA MODELS	04-JUN-11

New Members Since April 2011

1. Ilke Van Beveren, Lessius, Department of Business Studies, Antwerp, Belgium
2. Aparna Basu, NISTAD, New Delhi
3. Takahiro Sato, Kobe University, Japan
4. Sachin Chaturvery, RIS, New Delhi
5. Sumit Mitra, IIM Kozhikode
6. Liu Yulin, Chongqing University of China
7. Zheng Xiaochen, Chongqing University of China
8. P.K.Sudarsan, Goa University
9. Santosh Kumar Sahu, IIT Bombay
10. Junjun Hou, School of Public Policy and Management at Tsinghua University, Beijing, China
11. Smruti Ranjan Behera, Delhi University
12. Ruchi, IIT Indore
13. S.Sarangan, Retired Professional, Bangalore
14. JSA Bhat, DST, New Delhi
15. Manoj Singh, Chandel Agritech Solutions Pvt. Ltd. New Delhi
16. Kirankumar Momaya, IIT Bombay
17. Neetin Desai, Pad. Dr. D.Y. Patil University, Navi Mumbai