



## FORUM FOR GLOBAL KNOWLEDGE SHARING

*(Knowledge Forum)*

<http://FGKS.in>

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### *Report of the Secretary*

(December 3, 2016)

I welcome you all to the general Body Meeting of the Forum for Global Knowledge Sharing (Knowledge Forum).

#### **Report on activities: Since April 2015**

Since April 2015 we have made considerable progress in publications. We have added about 26 new research papers in our “*Research Papers*” folder. In addition we have separate folders for Conference/Workshop Papers. We have also created a new Folder “COMMENTARIES”. However, for the past year or so we are facing some problems regarding submission and placing of papers in our folders. This is mainly because some of the journals demand a declaration from the authors before the submission of the papers that their papers have not been placed in any public website. Consequently, some of the paper presenters in our conferences have requested us not to place their papers in the website. We consulted some of our European Members regarding this problem. We were told that some of the European universities have placed their faculty papers in their university/department website but have restricted their access to members of the university. General public cannot open the research papers - they need the Pass Word (PW) to open. We were told that journals are fine with this system of restrictive access to only members with PW. We have decided to follow this system. When we receive a request regarding not placing their paper in the conference website due to objection from journals, we will place them

but make them available only to our Members against their PW. However, general public will have access to other papers as before. *Springer* is bringing out an edited volume consisting of papers presented at our 2014 conference and 2015 March workshop.

### ***Conferences/Seminars Organised Since April 2015***

**Seminar on “*Creation and Diffusion of Technology*”, Hosted by: Indian Institute of Technology Bombay, Mumbai, 18th March, 2016**

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More than 50 persons from 14 institutions registered and participated in the conference. 11 research papers were presented. In addition, four scholars presented studies in the Panel Discussion.

Scholars from the following Institutions participated:

#### ***International:***

1. KU Leuven University, Belgium
2. Maastricht University, The Netherlands
3. Asian Institute of Technology, Thailand

#### ***Mumbai:***

4. Indian Institute of Technology Bombay
5. Tata Institute of Social Sciences
6. Tata Trusts
7. Government of Maharashtra

#### ***Other Cities***

8. Madras School of Economics, Chennai
9. Institute of Financial Management and Research, Chennai
10. Institute for Human Development, Delhi
11. NISTADS – CSIR, Delhi
12. JNU, Delhi
13. National Institute of Technology, Suratkal
14. Jadavpur University, Kolkata

### **Technical Sessions**

#### ***Technical Session I – International Dimensions***

**Chair/ Discussant: N S Siddharthan, Madras School of Economics and Knowledge Forum**

## Issues Discussed

- Research intermediaries and collaborative R&D
- Productivity growth, innovations and management practices
- Technology transfer in waste management

### ***Technical Session II – R&D, Patenting, FDI***

**Chair/ Discussant: Filip de Beule, KU Leuven University, Belgium**

## Issues Discussed

- R&D spillovers and in-house R&D
- Determinants of ICT
- FDI flows and technology choice

### ***Technical Session III - Technology, Policy and the Environment***

**Chair/ Discussant: Pierre Mohnen, Maastricht University, The Netherlands**

- Mobile penetration
- Technology, GHGs emissions and productivity
- Nanotechnology development

### ***Technical Session IV – Livelihood and Employment***

**Chair/ Discussant: C. Visvanathan, Asian Institute of Technology, Thailand**

- Law, skills and job creations
- Technology and livelihood

In addition to the four technical sessions there was also a panel discussion on the seminar theme Chaired by S R Hashim, President, Knowledge Forum and Chairman, IHD.

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## **X Annual Conference, November 27-28, 2015, Hosted by NIAS**

“Technology, Growth and Sustainability”, co-organised by the Indian National Academy of Engineering (INAE) and hosted by National Institute for Advanced Studies (NIAS) Bangalore and supported by Tata Trusts, ISRO, DST and ICSSR.

More than 60 persons from 25 institutions registered and participated in the conference.

In the introductory session, the volume published by *Springer* containing select papers from the 2013 annual conference (hosted by IIT Bombay) was released. In addition to the technical sessions there was also a panel discussing on the global dimensions of the conference theme.

25 research papers were presented.

Scholars from the following institutions participated:

***International***

1. United Nations University, Maastricht, the Netherlands.
2. Georgetown University, Washington DC.

***Delhi***

3. ICRIER
4. Delhi School of Economics
5. Institute of Economic Growth
6. CSIR-NISTADS
7. Institute for Human Development
8. JNU

***Mumbai***

9. IIT Bombay
10. Tata Institute of Social Sciences (TISS)

***Chennai***

11. Madras School of Economics
12. IIT Madras
13. Madras Institute of Development Studies

***Kolkata***

14. IDBI Bank
15. Jadavpur University
16. Bethune College

***Bangalore/Karnataka***

17. National Institute of Advance Studies (NIAS)
18. Indian Institute of Science
19. Indian Space Research Organisation (ISRO)
20. Institute for Social and Economic Change (ISEC)
21. National Institute of Technology Karnataka (NITK), Surathkal

***Other Cities***

22. Tripura University
23. Indian Institute of Space Sciences and Technology, Trivandrum, Kerala.

## **Technical Sessions:**

### **Session 1: Exports, OFDI and Competitiveness:** Chair: K. L. Krisha (MIDS and DSE)

#### Issues Discussed:

- Impact of reduction of carbon emissions on export competitiveness.
- FDI spillovers and exports
- Information technology and export performance
- Financial constraints, productivity and outward FDI

### **Session 2: R & D and Innovations:** Chair: B N Goldar (IEG)

#### Issues Discussed:

- R & D, total factor productivity and technology imports
- Upgrading in the Indian garment industry

### **Session 3: INAE Session: Technology Challenges for National Growth:** Chair: Adimurthy (ISRO)

#### Issues Discussed:

- Remote sensing technology for disaster management
- Socio economic impact of satellite navigation systems
- Urban transportation, pollution and environmental damages due to ship emissions
- Urban transport policies in the context of climate change
- Sustainable supply chain, space technology and knowledge management in agriculture
- Augmentation of technical innovations, and Indian space programme – touching lives.

### **Session 4: Education and Skill Development:** Chair: Alakh Sharma (IHD)

#### Issues Discussed:

- Use of technology in providing engineering education
- Skill scarcity in Indian manufacturing
- New education technologies in higher education

### **Session 5: Agriculture:** Chair: R S Deshpande (ISEC)

#### Issues Discussed:

- Agriculture Intensification Population Growth and Cropland Expansion

**Session 6: Productivity:** Chair: B L Pandit (DSE)

Issues Discussed:

- Productivity and foreign investment
- Productivity, energy intensity and output

**Session 7: Diversities:** Chair: S R Hashim (President, Knowledge Forum)

- Technology and growth disparity among states
- Regional diversity of development
- Resources and climate change

In addition to the seven technical sessions there was also a panel discussion on the global dimensions of the theme Chaired by Y S Rajan of ISRO

**Eleventh Annual Conference**

I am happy that our General Body is meeting now during the Eleventh Annual Conference on *Globalisation of Technology and Development* at IIT Madras. The Founder President of our Forum the late Professor P V Inderasen was a former director of IIT Madras. Hence, IIT Madras has a special place in our Forum. We would like to thank the Tata Trusts for their partnership in organising the conference. In addition to hosting the conference IIT Madras has been actively participating in all the academic activities. As one can see from the conference Programme, several scholars from IIT M are presenting research papers. In addition, they also helped us in refereeing the papers. I am indebted to Professor Malathy Duraisamy Head of the dept. of H&SS for taking active interest and enthusiastically participating on all our activities. I wish to place on record my indebtedness to the members of the Conference Organising Committee –Professors Malathy Duraisamy, Subash Sasidharan, Anup Kumar Bhandari and K. Narayanan. We are grateful to eSocialSciences and in particular to Dr. Padma Prakash for hosting our website. I express my gratitude to Professor S R Hashim for his constant support and encouragement; to Professor K Narayanan for his consistent involvement and active contribution to all our activities. I thank Dr. Santosh K Sahu for his active help in preparing and arranging the conference material.

## **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. We now have about Rs.6,34,977 in fixed deposits. Last year interest from fixed deposits came to only about 55,628 rupees. Therefore for holding our annual conferences we have to depend on external sources of finance. Last year INAE gave us Rs.5 lakhs and Tata Trusts another five lakhs. In addition NIAS also mobilised five Lakhs to fund local hospitality and other expenses. Thanks to these funds and partnerships we were able to organise our annual conference at NIAS Bengalure and a special seminar at IIT Bombay. For the current conference we have received Rs.10 lakhs from Tata Trusts. In addition IIT M has mobilised another 2 lakhs. Tata Trusts will also be giving us another 10 lakhs for conducting our next (2017) conference. I express my gratitude to Tata Trusts for their partnership in organising our annual conferences and seminars.

N S Siddharthan  
Hon. Secretary  
December 2, 2016