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13th Annual Conference of Knowledge Forum
November 16 – 18, 2018
(In partnership with Tata Trusts)
Hosted by: Tata Institute of Social Sciences (TISS), Mumbai
Conference Theme: *Technology and Employment*

Programme

Thursday, November 15, 2018

19:00	Governing Council Meeting
20:00	Dinner

Friday, November 16, 2018

9:00 – 9:30	Registration
9:30 – 11:00	<i>Introductory Session</i> Chair: S. R. Hashim President, Knowledge Forum and former Chairman UPSC Welcome: Sasmita Palo, Dean, School of Management and Labour Studies, TISS Mumbai Opening Remarks: Shalini Bharat, Director, TISS Mumbai Lecture on the Conference theme: N. S. Siddharthan (Hon. Director Knowledge Forum), Paradigm Changes in Technology and Employment Tour of the Sessions: N. S. Siddharthan Remarks by Chair: S. R. Hashim Vote of Thanks: K. Narayanan, Professor, IIT Bombay, Mumbai
11:00 – 11:30	Coffee/Tea

11:30 – 13:00

Digital Revolution

Chair/Discussant: K. L. Krishna (Chairman MIDS and former director DSE)

1. Filip De Beule and Ysabel Nauwelaerts, Faculty of Economics and Business, KU Leuven, Antwerp, Belgium, **The Impact of Industry 4.0 on FDI, MNE and GVC: A conceptual note**
2. Madhabendra Sinha (National Institute of Technology Durgapur), Pradeep Kumar Keshari (IDBI Bank Ltd. Kolkata), Partha Pratim Sengupta (National Institute of Technology Durgapur), Anjan Ray Chaudhury (Durgapur Government College), **FDI and Employment in the Era of Digitalization: Evidence from Developing Economies**
3. Shampa Paul (Society for Development Studies, Delhi) and Kaushalesh Lal (Society for Development Studies, Delhi and Visiting Fellow, UNU-MERIT, The Netherlands), **Technology Intensity and Employment in the Indian Economy**

13:00 – 14:00

Lunch

14:00 – 15:00

Patents

Chair/Discussant Bino Paul (TISS)

4. Giulia Valacchia, Nadia Doytch and Nishant Yonzan, World Intellectual Property Organization and CUNY- Graduate Center, **Impact of Outward Foreign Direct Investments on Patent Activity of Greenfield Multinationals**
5. Nadia Doytcha, Giulia Valacchi, Nishant Yonzanb, CUNY- Graduate Center and World Intellectual Property Organization, **Does Patent Ownership Increase Greenfield FDI activity of MNEs?**

15:00 – 16:30

Environment

Chair/Discussant B N Goldar (IEG)

6. Kensuke Fukushi, Akira Sakata and Geetha Mohan, Integrated Research System for Sustainability Science, The University of Tokyo, Japan, Department of Urban Engineering, Graduate School of Engineering, The University of Tokyo, Japan, United Nations University Institute of Advance Study of Sustainability, Japan, **Sustainability of energy supply in islands: Business opportunity and Innovation**

7. Geetha Mohan¹, I Made Sudarma², Kensuke Fukushi³, Andi Besse Rimba¹, Chapagain Saroj¹, Masago Yoshifumi¹, Tetsuro Fujitsuka¹ and Takahiro Osawa². (¹UNU Tokyo; ²Udayana University, Bali; ³University of Tokyo). **Water management systems and its impact on employment opportunities in small and medium sized cities (SMCs) in Asia**
8. Nikhita Pathak, Senior Executive-Technology Tata Trusts, **Evaluation of Solid & Liquid Waste Management (SLWM) technologies and examination of their impact on environment and employment**

16:30 – 17:00

Coffee/Tea

17:00 – 18:00

General Body Meeting

19:00 onwards

Conference Dinner, Hotel OASIS, Opposite to TISS, Mumbai

Saturday, November 17, 2018

9:30 – 11:00

Other Dimensions

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

9. Bino Paul (TISS Mumbai), Unmesh Patnaik (TISS Mumbai), Santosh Kumar Sahu (IIT Madras) and Mansi Awasthi (TISS Mumbai), **Micro Data and Macro Policy: The Case of Manufacturing Sector of India**
10. Bino Paul, Unmesh Patnaik, Jaganth G, Kamal Murari, TISS Mumbai, **Employment, Technology, and Value Chain in Indian Leather Industry**
11. Poornima Dore, Paresh Manohar and Shruti Parija, TATA Trusts, **Tools, Techniques and Skill Sets for an Era of Data Driven Governance**

11:00 – 11:30

Coffee/Tea

11:30 – 13:00

Labour Market and Other Issues

Chair/Discussant Alakh Sharma (Director IHD, Delhi)

12. Radeef Chundakkadan and Subash Sasidharan, IIT Madras, **Female entrepreneurship and innovation: role of gender equality**
13. Arfat Ahmad Sofi and Subash Sasidharan, BITS Pilani, Goa; IIT Madras, **FDI, Labor Market, and Welfare: How Inequality Navigate Welfare Loss?**
14. Savita Bhat, School of Management, NITK, Surathkal, **A study on differences in employment characteristics across the states in India**

13:00 – 14:00

Lunch

14:00 – 16:00

Panel Discussion

Chair Y S Rajan (ISRO)

15. Stanley Nollen, Georgetown University, Washington DC.

16. Françoise Pardos, Pardos Marketing, Aix-en-Provence, France, **The world in the next thirty years, hopes and fears**

17. D N Singh, Geotechnical Engineering Division, IIT Bombay

18. Chiranjib Sen, Azim Premji University Bangalore, **Technology and Education Strategy for Sustainable Rural Employment in India**

16:00 – 16:30

Coffee/Tea

16:30 – 18:00

Concluding Session

Chair: Stanley Nollen (Georgetown University, Washington DC)

Valedictory Address: S R Hashim (President Knowledge Forum)

Globalisation, Technology and Employment--Reflections on Emerging Issues

Vote of Thanks: Unmesh Patnaik, TISS Mumbai