

## Curriculum Vita of Dr. Sujit Bhattacharya

### **Personal Details**

Designation Scientist  
Date of Birth: 22-02-65  
Institution: NISTADS (*National Institute of Science Technology and Development Studies*).  
Dr. K.S. Krishnan Marg, Pusa Campus,  
New Delhi-110012  
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<http://www.collnet.de>

### **Academic Qualification:**

MSc (Physics) Delhi University  
Associateship in Information Science  
Ph.D (Indian Institute of Technology, Delhi)  
PhD dissertation: Mapping the Cognitive Structure of a Research Speciality: A case study of Condensed Matter Physics

### **Award/Membership etc.:**

Program review committee member of International Society for scientometrics & Informetrics (ISSI)

Member and Principal Investigator of International Network COLLNET (Collaboration Network in Science and Technology), details under web page: <http://www.collnet.de>

Academic coordinator/workshop coordinator etc in important international and national conferences/workshops held in India.

Expert in various scientific/technical committees

Reviewed papers for Research Policy, World Patent Information, Scientometrics

Scholarships received from Germany, Sweden, Israel, Netherlands and Int'l Foundations for International programs and workshops.

Undertaken Teaching Assignments in international and national research institutions/universities

Core Consultant for the Feasibility Study for First Indian Science Report

### **Research Outputs**

Books and Reports:

Bhattacharya, S. (Project Leader), Sharma, S.C. and Lal, K. Interim Report on 'Study of R&D and Innovation Activity of Firms in India: Part I and Part II' (2006). Prepared for Department of Science and Technology (Government of India), New Delhi,

Report on Status of innovation: *Indian Automotive Industry* (2006). Prepared for Department of Science and Technology (Government of India), New Delhi, March. Team Member.

Bhattacharya, Sujit (Principal author); Garg, K. C.; Sharma, S. C.; Dutt, Bharvi (2006) *Indian Patenting Activity in International and Domestic Patent System: Contemporary Scenario*. Nistads: New Delhi. (ISBN: 81-85121-34-6).

Banerjee, P. and Bhattacharya, S. (1996). *Advanced Telecommunications in India: Regulation and Strategy*. Har-Anand publications, New Delhi.

Editor in the book: *Emerging Trends in Scientometrics*, Allied Publishers Ltd., 1999.

Edited two issues of the International Journal *Scientometrics* Vol 43(3), 1998 & Vol. 43(4), 1999.

Banerjee, P. and Bhattacharya, S. (1996). *A Study on Strategies for the Development of an Integrated Information Market*. DSIR Sponsored Project. (Government of India)

Nagpaul, P. and Bhattacharya, S. (1996). *Beyond Institutional Boundaries: A study of collaborative linkages in Indian Science through Bibliometric Indicators*. DSIR Sponsored project (Government of India).

### **Research papers (last five years)**

Bhattacharya, Sujit and Arora, Praveen (2007). Examining Linkages in Indian Universities: What they reveal and what they imply?. *Scientometrics* 70 (2), 277-300.

Sujit Bhattacharya (2006) Harmonization of patent rules and regulations and its plausible implications in developing countries: A case study of India. Proceedings of the Globalics India, October 04-07.

Sujit Bhattacharya (2005). Examining technological collaboration through patent analysis. Proceeding of the 10th International Conference on Scientometrics and Informetrics, Sweden, 20-25 July.

Sujit Bhattacharya (2005). Delineating the patent data: What does it reveal? A case study of prolific patenting institutions of India and China. Proceeding of the 10th International Conference on Scientometrics and Informetrics, Sweden, 20-25 July.

Bhattacharya, Sujit (2004), Implications for Indian pharmaceutical sector in the new WTO regime: *Medicinal Chemistry Research*, 13: 6/7, 369-389.

Martin, Meyer and Bhattacharya, Sujit, (2004) Commonalities and differences between scholarly and technological collaboration, *Scientometrics*, 61(3), 443-456 .

Bhattacharya, Sujit (2004), Mapping inventive activity and technological change through patent analysis: A case study of India and China, *Scientometrics*, 61(3), 361-381.

Bhattacharya, Sujit, Martin, Meyer (2003) Large firms and the Science/technology interface- Patents, patent citations, and scientific output of multinational corporations in thin films, *Scientometrics*, 58(2), 265-279.

Bhattacharya, Sujit (2003) R&D activity in India in the new globalization era, Proceedings of R&D Management Conference, 6-7 December, New Delhi, 140-144.

Bhattacharya, Sujit and Nath, Prodosh (2002), Using patent statistics as a measure of 'technological assertiveness': A China-India comparison, *Current Science*, 83(1), 2002

Bhattacharya, Sujit, Martin, Meyer (2002) Exploring the Science/Technology Interface in a dynamic field within the framework of 'Triple Helix', proceedings of The 4th Triple Helix Conference, 6-9 Nov., Coopenhagen, Denmark, Lund, Sweden

Bhattacharya, Sujit and Meyer, Martin (2002), International regulations on intellectual property rights: Government activities and technological capabilities in a developing nation, proceedings of the R&D management conference, 8-9 July, Leuven.

### **Papers presented at International Conference (Selected- last 4 years):**

Globalics India 2006, Trivendrum (India).

9<sup>th</sup> International Conference on S&T Indicators, Leuven (Belgium), 2006

10th International ISSI conference, Sweden, 20-25 July, 2005

5th Triple Helix Conference, Italy, 18-21 May, 2005.

International Symposium on Current Trends in Drug Discovery Research, 17th-20th Feb, 2004, Lucknow, India

8th International Conference on S&T Indicators, Leiden (The Netherlands), 2004

International workshop on webometrics, Informetrics and Scientometrics, 2-5 March, 2004, Roorkee, India

7th International Conference on S&T Indicators, Karlsruhe, 2003.

4th Triple Helix Conference, Denmark/Sweden, 2003

R&D Management Conference, 6-7 December, 2003, New Delhi, India

### **Forthcoming Papers**

*In Special Issue of Technology Forecasting and Social Change*

Kostoff, RNK; Bhattacharya, S; Pecht, M. Assessment of China's and India's Science and Technology Literature – Introduction, Background, and Approach

Kostoff, RNK; Briggs, M.B.; Rushenberg, R.L.; Bowles, C.A.; Pecht, M; Johnson, D; Bhattacharya, S; Icenhour, A.S.; Nikodym, K; Barth, R.B.; Dodbele, S. Comparisons of the Structure and Infrastructure of Chinese and Indian Science and Technology

Kostoff, RNK, Johnson, D; Bowles, C.A.; Bhattacharya, S; Icenhour, A.S.; Nikodym, K; Barth, R.B.; Dodbele, S Assessment of India's Research Literature

Preparation with Kostoff, R.N.K. et. al two invited papers for Current Science and Science Focus

Bhattacharya, S; Sharma, S.; Lal, K.; Tripathi, R. Innovation Activity in the Indian Software Industry: A case study of selected Indian software firms. 6<sup>th</sup> Triple Helix Conference, Singapore, 2007

Bhattacharya, S. How Innovative Are Indian Universities? : Examination based on their Patenting Activity. International COLLNET Conference New Delhi 7-9<sup>th</sup> March, 2007

Bhattacharya, S. Impact of Indian Patents: Assessment through Citation Analysis. 11<sup>th</sup> International Conference of Scientometrics and Informetrics, Madrid Spain 2007

Indian Patenting Activity in International and Domestic Patent System: Contemporary Scenario. *Current Science*

Bhattacharya, S. Delineating the patent data: What does it reveal? A case study of prolific patenting institutions of India and China. Special Issues- *DESIDOC Bulletin of Information Technology*

Bhattacharya, S. Patenting of Life Forms. Special Issues- *DESIDOC Bulletin of Information Technology*

**Current Activity**

Project leader of the project sponsored by Government of India, Ministry of Science and Technology on 'Study of R&D and Innovation Activity of firms in India'.

Joint Study with TIM/TUHH, Hamburg University on Innovation Activities in India's IT sector: Status quo and emerging trends