



Curriculum Vitae

Name : BINAY KUMAR PATTNAIK (Ph.D)
Address : Professor of Sociology (HAG)
(Former Director, ISEC Bangalore, VC)
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Father's Name : Late G N Pattnaik

Nationality : Indian (Passport Holder)

Date of Birth : 11.04.1958

B A 1979 : Utkal University, Bhubaneswar
Hons. with distinction

M A 1981 : University of Poona, 'A' Grade (Rank)
Sociology

Ph. D 1987 : University of Poona, as UGC JRF
Sociology

Areas of Research Specialization:

Sociology of Development, Sociology of Social Movements, Sociology of Science and Technology, Environmental Sociology, and Sociology of Third Sector.

Pay scale:

Higher Academic Grade Scale (Rs. 1, 82000/ to 2, 24100/)

Previous Job Experiences in reverse chronological order:

Duration	Organization	Job
1. Professor of Sociology with Higher Academic Grade (HAG), from Feb.2015 onward	Indian Institute of Technology Kanpur, Dept. of H&SS	Teaching (UG/PG)& Research
2. Director, (Equivalent Univ. V C) From Aug. 2013 to Feb. 2015	Institute for Social & Economic Change, Bangalore	Academic Administ.
3. From 01.08.2012 as Professor With Higher Academic Grade	Indian Institute of Technology Kanpur, Dept. of H&SS	Teaching (UG/PG) & Research
4. From 13.09.2001 to 01.08.2012 as Professor of Sociology	Indian Institute of Technology Kanpur, Dept. of H&SS	Do
3. From D.12.12.1997 to 12.9.2001 As Associate Professor	Indian Institute of Technology Kanpur, Dept. of H& SS	Do
4. From D.2.5.1997 to 11.12.1997 As Associate Professor	Indian Institute of Technology Bombay, Dept. of H&SS	Do
5. From D.6.11.1990 to 1.5.1997 As Assistant Professor	Indian Institute of Technology Bombay, Dept. of H&SS	Do
6. From D.21.12.1987 to 5.11.1990 As Senior Lecturer	Indian Institute of Technology Bombay, Dept. of HSS	Do
7. From D.4.1.1986 to 30.10.1987 As Lecturer	University of Poona Dept. of Sociology,	Research & PG,teaching

In all more than 33 years of PG/UG Teaching and Research experience (excluding Doctoral Work).

Professional Honours:

1. Served as **CHIEF EDITOR** of the *Journal of Social and Economic Change* (Journal of ISEC Bangalore), **Springer (India) Publisher, 2013-2015**
2. Serving in the **Editorial Board Member** of the international JOURNAL OF **SOCIOLOGY OF SCIENCE AND TECHNOLOGY**, IHST, Journal of the Russian Academy of Sciences, Saint Petersburg, Russia, 2009 onward.
3. Serving as the **Editorial Collaborator** to the prestigious journal **SCIENCE AND CULTURE** of Indian Science News Association, Calcutta (Founded by Meghnad Shah and P C Roy), 2009 onward.

4. Served in the **Editorial Advisory Board** of the ***SOCIOLOGICAL BULLETIN***, the premier Journal of Indian Sociological Society during 2002-2004.
5. Currently in the **Editorial Board** of the ***BANGLADESH SOCIOLOGICAL STUDIES, An International Biannual journal*** BSIR, Dhaka. Bangladesh, From 2008 onward.
6. **Visiting Professor** to the UGC Centre for Advanced Study in Sociology, at the **University of Poona**, Pune in January 2012.
7. **Visiting Professor** to the UGC Department of Special Assistance in Sociology, at the **University of Mumbai**, Kalina Campus, in March 2013.
8. **Visiting Professor** to the School of Humanities and Social Sciences, National Institute for Science Education and Research (NISER) Bhubaneswar during 23rd Oct to 3rd Nov 2014.
9. **Guest Editor to the International Journal** entitled: **Perspectives in Global Development and Technology**, 2007 Vol. 6. 4 and 2008 Vol. 7.1 published by the **Brill Academic publishers, Boston & Leiden**.
10. **Guest Editor to the International Journal** entitle: **Journal of Sociology of Science and Technology , 2012** published by the **Nestor-Historia Publishing House**, Saint Petersburg, The Russian Federation.

Academic and Professional Positions Held:

11. Served as Board Member of *International Sociological Association* (ISA), HQ at Spain, Madrid, Research Committee 23 (Sociology of Science and Technology) 2002 to 2006. Served as its Board Member and **SECRETARY**, 2010 to 2014, International Sociological Association.
12. Served as **President Faculty Forum**, IIT Kanpur. (2005-06).
13. Served as **CHAIRMAN** of the **Senate Post-Graduate Committee** of IIT Kanpur (2005-06).
14. Served as **CHAIRMAN Senate Rules Committee IITKanpur** (2006-07)
15. Served as **CHAIRMAN Senate Nominations Committee IITKanpur** (2008-09).
16. Served as **CHAIRMAN Senate Nominations Committee IITKanpur** (2009-10).
17. Served as **CHAIRMAN Senate Library Committee, IIT Kanpur**, (2009-2010).

18. Served as **Member of the Board of Studies (Sociology)**, University of Pondicherry, **Central University, Kalapet. Pudducherry** for 2010-2013.
19. Currently Serving as **Member of Board of Studies**, School of Social Sciences, Central University of Gujarat, 2014-15 to 2017-18
20. Served as **Member of Board of Studies** PG Dept. of Gandhian Studies, **University of Mysore** (for 2013-2015), Mysore.
21. Served as **Member of Board of Studies** PG Dept. of Economics and Cooperations, **University of Mysore** (for 2013-2015), Mysore.
22. Served as **Member of the (PAC) POLICY ADVISORY COMMITTEE** of NSTMIS, **Department of Science and Technology, Govt. of India, New Delhi.** During the year 2012-2015.
23. Served as Member of **National Committee for India –IIASA Programme, TIFAC (Technology Information Forecasting and Assessment Council) Dept. of Science and Technology**, Govt of India, New Delhi. 2013-2015.
24. Served as the **Member Board of Governors, Gulati Institute of Finance and Taxation (GIFT), Thiruvananthapuram, Kerala**, an Institute of the Govt. of Kerala, 2013-2015.
25. Served as the **Member Board of Governors, Indian Plywood Industries Research and Training Institute (IPIRTI)**, Bangalore, (for 2013-2015), under the Ministry of Environment and Forestry (**MOEF**), Govt. of India, New Delhi
26. Served as **Member of the Managing Committee, Administrative Training Institute (ATI)**, Mysore, a Govt. of Karnataka Institute. During 2013-15.
27. Served as **Member of Executive Committee**, Karnataka State Disaster Management Council, Govt. of Karnataka, Bangalore, 2013 to 2015.
28. **Member of the Drafting Committee** (for Orgn. structure, bye-laws, academic programmes, procedures, etc), headed by former Chief Secretary of GOK Sri SV Ranganath, for the **Karnataka State Rural Development and Panchayat Raj University** (set up at Gadak), Bill passed in the Assembly of Karnataka in March 2016.
29. **Serving as External Member of School Board**, School of Social Sciences, North Eastern Hill University (NEHU), Shillong, During 2019 to 2021.
30. **Serving as Academic Senate Member (Nominated)** of IISER Thiruvananthapuram (A premier GOI Institute), During 2020-2021.

31. Serving as **Board of Studies Member**, Department of Sociology, North Eastern Hill University (NEHU), Shillong, During 2021-2023.

Publications:

A. BOOKS/ Journal Edited:

1. **CO-EDITOR, *Bottom-up Approaches in Governance & Adaptation for Sustainable Development: Case Studies from India and Bangladesh*** (with, P Swarnakar and S Zvestoski), **SAGE International Publications** June-July.2017
2. **EDITOR, *Sociology of Science and Technology in India, Edited Vol.*** (with an Introduction), **Published by Sage, New Delhi. 2014. pp.lxxxiv-218.**
3. **GUEST EDITOR to International Journal (India special Issue):**
Journal of Sociology of Science and Technology, published from *Nestor-Historia Publishing House*, Saint Petersburg, **Vol. 3. No. 4. Oct- Dec 2012 Issue**, special Issue devoted to the theme, **SCIENCE, TECHNOLOGY AND SOCIAL PROCESSES IN INDIA: SOCIOLOGICAL DISCOURSES. Pp.1-163.**
4. **GUEST EDITOR to special issues of the International Journal: PERSPECTIVES IN GLOBAL DEVELOPMENT & TECHNOLOGY, (BRILL ACADEMIC PUBLISHERS, BOSTON & LEIDEN)**
Volume. 6. No. 4, 2007.
Devoted to the theme: *Science and Technology under Globalization*
5. **GUEST EDITOR to special issues of the International Journal: PERSPECTIVES IN GLOBAL DEVELOPMENT & TECHNOLOGY, (BRILL ACADEMIC PUBLISHERS, BOSTON & LEIDEN)**
Volume. 7. No.1.2008
Devoted to the theme: *Science and Technology under Globalization*
6. **EDITOR, *Liberalizing Research in Science and Technology: Studies in Science Policy, International Volume*** (With Nadia Asheulova, Eduard Kolchinnsky and G Sandstorm) from *Russian Academy of Sciences, Saint Petersburg through Saint Petersburg Politechnika Publishing House, 2010* , 681 pages, based on the selected papers of the International conference hosted by me at IITKanpur (Feb 2009).
7. **EDITOR, *Technology Transfer and In-House R&D in Indian Industry in the Later 1990s, Vol. I.*** Edited with an introductory Essay, **Allied Publishers Pvt. Ltd, New Delhi, 1999.** (Supported by DSIR, Govt. of India).

8. EDITOR, **Technology Transfer and In-House R&D in Indian Industry in the Later 1990s, Vol. II**, Edited with an introductory Essay, **Allied Publishers Pvt. Ltd, New Delhi, 1999**. (Supported by DSIR, Govt. of India).

9. EDITOR, **Women's Empowerment: Strategy for Development** (with Muthurayappa and Chenamma), **Book Well, New Delhi, 2015**, pp-290.

10. AUTHOR, **The Scientific Temper: An Empirical Study**, **Rawat Publications, New Delhi, 1992** .

B. Research Papers in Refereed (International) Journals:

1. Assimilation and Symbolic ethnicity through the Class-ethnicity Nexus: A study of Second generation Indian immigrants in the U.S.A (with Anirban Mukherjee), **South Asian Diaspora**, Routledge (Taylor & Francis group Journal) DOI: 10.1080/19438192.2021.1893011 Online published on March 4, 2021, <https://doi.org/10.1080/19438192.2021.1893011> (Scopus Indexed)

2. Assimilation, Heterolocalism and Ethnic Capital: The Case of an Immigrant Indian Community in America (With Anirban Mukherjee), **SOCIOLOGICAL BULLETIN**, Indian Sociological Society, SAGE publications, 2021, Jan Vol.70 (I). pp.1-18 (Published Oct.2020, Sage online). <https://doi.org/10.1177/0038022920956737> (Scopus Indexed)

3. Community Participation in Effective Water Resource Management: A Comparative study in Alwar Rajasthan, (with R Kaushik and B Rath) **Special article, Economic and Political Weekly**, August 31st 2019, Vol liv.35, PP.53-58. (Scopus Indexed)

4. SHGs and SHG Banking in Odisha, A Govt. programme, A social Movement or a Hybrid ? (with A K Nayak), **Asian Journal of Social Sciences**, Brill Academic publishers, Vol.47, No. I, 2019, pp.110-139 (SSCI, & Scopus)

5. Internecine between the Indian State and the Adivsis (indigenous people) Under Neo-Liberalism: A case of Lanjigarh Resistance Movement, (with Sanghamitra Panda), **Revista ABYA YALA (Journal on Access to Justice and Rights in the Americas- LEIJUS and MeCACB)** Special Issue, Vol.2, No.10. 2018, PP. 44-72, Published from the ELA, **University of Brasilia, Brazil**.

6. Mobilising from Appropriate Technologies to sustainable Technologies based on Grassroots Innovations,(With Debajani Dhal), **TECHNOLOGY IN SOCIETY (Elsevier)**, (40) 2015. pp.93-111. **Science Direct Journal** (Scopus indexed)

7. Communicating Science in India through People's Science Movements (PSMs) (with Subhasis Sahoo), **Journal of Scientific Temper**, NISCAIR, Govt. of India, New Delhi, Vol.2 (1&2), Jan-April, 2014, pp.33-85. (*ICI Indexed*)
8. Tribal Resistance Movements and the politics of Development Induced Displaced, in Contemporary Orissa, published th journal **SOCIAL CHANGE**, by **SAGE international Publications**, Vol.43, No. I, March 2013, pp.53-78. (*Scopus Indexed*)
9. Globalization, ICT Revolution in India and Socio-Cultural Changes: Sociological Explorations, Published in the international journal **POLISH SOCIOLOGICAL REVIEW**, published by the **Polish Sociological Association**, Vol. I (181) 13, March 2013, pp.39-62. (*SSCI, JSTOR, Scopus*)
10. Appropriate Technology Movement in India: An Emphatic Drift, (with Debjani Dhal) Published in the International Journal **Sociology of Science & Technology**, Published by the IHST, **Russian Academy of Sciences, Saint Petersburg, Russia**, (Publisher the **Nestor Historia**) Vol.3. No.4.Oct-Dec. Issue 2012, pp.73-115. (*Cyber Leninka, Thompson Reuters, ESCI*)
11. Understanding People's Science Movement in India: From the Vantage of Social Movement Perspective, (with Subhasis Sahoo), published in the International Journal **Sociology of Science & Technology**, Published by the IHST, **Russian Academy of Sciences, Saint Petersburg, Russia**, (publisher the **Nestor Historia**) Vol.3. No.4. Oct-Dec. Issue 2012. pp.08-72. (*Cyber Leninka, Thomson Reuters and ESCI*)
12. Contextualizing Appropriate Technology Movement in India through the study of ASTRA Research Centre, (with Debajani Dhal), published in **The International Journal of Technology, Knowledge and Society**, published by the **Common Ground Publishing**, University of Illinois Research Park, USA. Vol.8. No. 2, 2012. pp.123-134. (*EBSCO*)
13. Collective mobilizations by the development induced Displaced: Studies in Contemporary Tribal Resistance Movements from Orissa, Published in the **EASTERN ANTHROPOLOGIST**, Journal of the **Ethnographic and Folk Culture Society** (India), Vol. 64. No. 4, October-December 2011, pp.333-370. (*Web of sciences, Thompson Reuters ratings*)
14. Science Technology and Social stratification in India: A critical Perspective, Published in the International Journal of **Sociology of Science and Technology**, Published by the Institute for the History of Science and Technology, **The Russian Academy of Sciences, Saint Petersburg, Russia**, Publishing House NESTOR HISTORIA, 2012. Volume 3. No. 2,pp. 21-50. (*Cyber Leninka, Thompson Reuters, ESCI*)

- 15.** Globalization of Industrial R&D in Developing Countries: A Sociological Perspective, Published in the **FORESIGHT: & STI Governance Journal**, Published by the **Higher School of Economics, HSE ISSEK** Myasnitskaya Str, Moscow, **National Research University of Russia**, Volume. 5, No.3, 2011. pp.4-16 , **Published in Russian Language**. (*Scopus, Russian SCI, EBSCO, etc*).
- 16.** Science and Technology in the Global South: A Sociological Perspective on Globalization, published in the **TRANSFORMANCJE/ TRANSFORMATIONS** an interdisciplinary Journal, Published from the **KOZMINSKI UNIVERSITY, Warsw, Poland**, Special Issue 2010 (devoted to theme 'Learning to understand and Respond to Change'), 3-4 (66-67), pp. 177-209. **Published in Polish Language too**. (*JSTOR, Project MUSE, etc indexed*)
- 17.** Liberalizing research in Science and Technology, *Studies in science policy*, Published in the international Journal, **Sociology of Science and Technology**, April 2010, pp. 178-190. **Journal of the Institute for History of Science and Technology (IHST), The Russian Academy of Sciences, Saint Petersburg, Russia**. Nestor Historia Publishing House.(*Cyber Leninka, ESCI, Thompson Reuters, etc indexed*)
- 18.** Scientist as Interlocutor Between Science and Society: Two Biographical Studies from the Indian state of Orissa, (With Subhashis Sahoo), Published in the **Indian Journal of History of Sciences**, March, 2007, Published on behalf of INSA New Delhi.by Springer. pp. 47-72. (*Pro-Quest, EBSCO, ESCI, Google scholar*)
- 19.** Science Popularization Movement in Orissa, mid-20th Century Onward: A Sociological Analysis, (with Subhashis Sahoo), published by the **International Journal of Contemporary Sociology**, Vol. 43. No. 2. 2006. pp. 211-244, Published by the **University of Joensuu, Joensuu FINLAND**. (*JSTOR*)
- 20.** Ecological Bases of Indian Traditions: Search for an Indigenous Vision, in the **Eastern Anthropologist** Journal of the **Ethnographic and Folk Culture Society, India, Special number**, Vol. 58, Numbers. 3-4, July–December 2005, pp 419-439. (*Web of sciences, Thompson Reuters ratings*)
- 21.** Changing Trends of Technological Research in Post-Globalization India, in the **PRODUCTIVITY**, (*A quarterly Journal of the National Productivity Council, India*) Vol. 45, No. 4, Jan- March 2005, pp.534-542. (*ICI, EBSCO, ProQuest*)
- 22.** Perceiving the Role of Grassroots NGOs: From the Vantage of New Social Movement Perspective, (with B Panda) in the **SOCIAL CHANGE, Sage International Publications** (*Journal of the Council of Social Development, New Delhi*), Vol.35, 35, No.3. September, 2005.pp 1-24. (*Scopus Indexed*)

- 23.** Effectiveness of Grassroots NGOs: An Empirical Exploration (with B Panda) in *Man and Development (An International Quarterly)*, June 2005, Vol. XXVII, No. 2, pp.39-66. (ICI, ISID indexed)
- 24.** Impact of Globalization on the Technological Regime in India: Aspects of Change, in *Perspectives on Global Development and Technology*, Vol. 4, No. 1, 2005, **Brill Academic Publisher, Leiden.** pp. 63-82.(Scopus & SSCI)
- 25.** Role of Grassroots NGOs: A Social Activists' Perspective, (With Biswambhar Panda) in the *Journal of Rural Development*, (Journal of the **National Institute of Rural Development, Hyderabad, Govt. of India,**) Vol. 22 (I), 2003. pp.21-44. (Scopus Indexed)
- 26.** Scientific Productivity: Sociological Explorations in Indian Academic Science, in the *Sociological Bulletin*. (Premier Journal of the **Indian Sociological Society**) Vol. 52, No.2, Sept. 2003. pp. 198-220. (Scopus Indexed)
- 27.** How Effective are 'Pani Panchayats' A Field view from Maharashtra, (with Manish Thakur) in the *Sociological Bulletin*, (Premier Journal of the **Indian Sociological Society**) Vol.51, No.2, Sept. 2002. pp. 241-268. (Scopus indexed)
- 28.** Development of Socio-Economic Impact Assessment Methodology applicable to Large Water Resource Projects in India, in the *International Journal of Sustainable Development and World Ecology*, (with P. Bose & M Mittal), No.8, 2001, pp. 167-180, **Parthenon Publishing Group, London/ N Y** (BIOSIS, Environmental abstract, Geo abstract, Scopus Indexed)
- 29.** Quality Research Performance among Academic Scientists of India - An Empirical Analysis (with L Chaudhury) in *Science, Technology and Society: an International Journal devoted to the Developing World*, Vol. 6, No,1 January-June 2001, **SAGE Publications** (Beverly Hills, London, New Delhi) pp. 61-96. (Scopus Indexed)
- 30.** Impact of Education on Occupational Attainment: A Study in an Urban Community, (with Rajneesh Krishna) Published in the *Journal of Higher Education, The University Grants Commission of India*, New Delhi, Vol. 21, No.1, Spring 1998. pp. 117-134.
- 31.** Occupational Mobility in an Urban community, (with Rajneesh Krishna) Published in the *Demography India*, Journal of the **Indian Association for the study of population**, New Delhi, Vol.26, .No.2, July- Dec. 1997.pp.207-227. (Scopus Indexed)
- 32.** JFM in South West Bengal: A Study in Participatory Development, (with Sumana Dutta) published as **Special Article in Economic and Political**

Weekly, Bombay, Vol. XXXII, No. 50, December. 13, 1997. pp 3225-3232.
(*Scopus Indexed*)

33. Community Based Forest Management Practices; Field Observation from Orissa, (with Anirudh Brahmachari), Published as **Special Article** in the *Economic and Political Weekly*, Bombay, Vol. XXXI, No. 15, April 13, 1996. pp. 968-975. (*Scopus Indexed*)

34. Science Technology and Quality of life in the Developing World: A Critical Perspective. Published in the *Indian Journal of Social Work*, (Journal of the Tata Institute of Social Sciences, Bombay) Vol. LV, No.3, July.1994, pp.391-404. (*Current contents, Sociological abstract, SSCI Indexed*)

35. Tribe and Caste: A case study in an Oriya Village, Published in the journal *Man in India*, Vol. 67. No.4, December.1987. pp. 335-351 (Founded in 1921 by noted Anthropologist, Sarat Chandra Roy). (*ICI Master indexed*)

36. Scientific Temper and Religious Beliefs, Published in the *Journal of Sociological Studies*, Vol.8. January. 1989.pp.13-40.

C. Book Chapters & papers in International proceedings:

1. Globalization of Industrial R&D in Developing Countries: A Sociological Perspective, (Chapter 7), in Singh Lakhwinder, K J Joseph and DKN Johnson (eds.), *Technology Innovations and Economic Development*, 2015, **SAGE Publications**, pp.209-238.

2. Globalization, ICT Revolution and Socio- Cultural Changes in India, published in the book, *INDIA between Tradition and Modernity, By (eds.) Joanna Kurczewska, Ishwar Modi and Jaanusz Mucha, 2014,, Polish Sociological Association & Rawat Publications, New Delhi, pp.253-286.*

3. Tribal Resistance in Odisha: Studies in New Social movements, in K K Mishra and N K Das edited (vol); Dissent, Discrimination and Dispossession (Tribal Movements in Contemporary India),2014, **Indira Gandhi Rashtriya Manav Sangrahalay , GOI (IGRMS) and Manohar**, pp.113-148.

4. **Introductory Essay** to the Ed. Book; **SOCIOLOGY OF SCIENCE AND TECHNOLOGY IN INDIA**, Published by **Sage, New Delhi**, 2013.pp.i-lxxxiv.

5. Globalization of Science and Technology (S&T) in Developing countries: A Sociological perspective, in Ishwar Modi Ed. Book, *Modernization, Globalization and Social Transformations*, (Prof. Yogendra Singh Felicitation Volume) Rawat Publications, New Delhi, 2012, pp,257-97.

6. **Studying science Communications in India through People's science Movements** (with Subhasis Sahoo) in Manoj K Patariya and Maria I Nogueira (Eds.) *Sharing Science, India-Brazil Dialogue on Public Communication of Science, Technology, Culture and Society, 2011*, Published jointly by the NCSTC (Govt. of India), Indian Science Communication Society, New Delhi and University of Sao Paulo, Brazil. Chapter 24, pp.205-228.

7. **Indigenous Vision for a Sound Environmental and Ecological Future**, Published in, Deepak Behera and George Pfeffer (Editors), *Identity Intervention and Ideology in Tribal India and Beyond*, Concept Publishing Company New Delhi, 2008, pp.321-333.

8. **Ecological Bases of Indian Traditions: Search for an Indigenous Vision** in Editors. Gupta K R, Bosselman K and Maiti P, *Global Environment: Problems and Policies*, Atlantic Publishers, N Delhi, 2008, pp. 25-54.

9. **Career Choice and Research Performance: A study among Indian academic scientists**, Editor. Samuel A Kugel, *The Problems of Scientists and Scientific Groups Activity, Vol. XXIII, St. Petersburg, St. Petersburg State Polytechnical University, Russia, 2007. pp.82-96.*

10. **Productivity Issues in In-House R&D Units: An Empirical Enquiry in Indian Metal Industry**, (with Shikha Suman), in *Productivity and Quality A Multidisciplinary Perspective*, Edited by V Upadhyay, A Sharma, S Sharma, S K Jain, and D J Sumanth, **Tata McGraw-Hill publishing Co**, New Delhi, 2006, pp.95-105.

11. **Role of Grassroots NGOs in India: A New Social Movement Perspective**, (with Biswambhar Panda) paper published in the *proceedings of the 9th International conference on Alternative Futures and Popular Protests*, Vol. II, 2003 edited by Colin Barker and Mike Tyldesley, at the *Manchester Metropolitan University, Manchester UK. pp.132-150, ISBN1 899927328.*

12. **R&D Cultures: Fostering Innovations in Organizations** (with Shikha Suman) Published in the *Proceedings of the R&D Management Conference entitled R&D Opportunity and Technology Entrepreneurship 2001*, by the *National Institute of Technology Management, Dublin, Ireland, pp.457-466*

13. **Introductory Essay** to Binay K Pattnaik (ed.) *Technology Transfer and in House R&D in Indian Industry*, Vol. I and Vol. II. Allied Publishers Ltd, New Delhi, 1999. pp.xvii-xxxvi .

14. **Role of Technology Import Policies in Indian Private Sector: Retrospect and Prospects**, in Binay K Pattnaik (ed.) *Technology Transfer and In-House R&D in Indian Industry* ,Vol. I Allied Publishers Ltd, New Delhi, 1999. pp.68-100.

15. Tribe-Caste Interaction: A Case Study, Published as the 31st Chapter in George Pfeffer and D Behera (eds.) *Contemporary Society Tribal Studies*, Vol.1, 1996 Concept, New Delhi. pp.317-329.

16. Liberalizing Research in Science and Technology, a report on the International conference held at IITKapur during Feb.4-6, 2009, Published in *Science and Culture*, May-June 2009, pp.220-221. Indian science News Association.

17. Power Sector in India: A Review of the major developments under Command and Control Public dominated model to a more Market determined sector, With Roopesh Kaushik, Binayak Rath, (2009) in V K Vijay and H P Garg (eds.) *Renewable Energy and Environment for Sustainable Development*, Narosa Publishing House, New Delhi, pp.152-158. ISBN: 9788173199936. P.1219 .

18. A Critical Approach towards Energy Scenario in India in the Light of State's Policy for all-round Development of Renewable Energy, with Roopesh Kaushik, Binayak Rath, (2009) in V K Vijay and H P Garg (eds.) *Renewable Energy and Environment for Sustainable Development*, Narosa Publishing House, New Delhi, pp.75-84. ISBN:9788173199936. P.1219

D. Commentaries and Reviews:

1. The Roots of Under Development, (Under Development and Destitution, Essays on Orissan Society, By Jagannath Pathy, Inter India Publications, Rs.225/-), published in the *Economic and Political Weekly*, March, 2-9, 1991 under the title 'Distorted Development in India'.

Important Research Papers presented in Conferences and Lectures delivered: (From 1997 onward only)

(A) International paper Presentations (Abroad):

1. Attended and presented a paper entitled: **Studying Kashipur Resistance Movement Through Michael Cernea's IRR Model**, in the **IUAES 2019, Inter-Congress** of International Association of Anthropological and Ethnological Sciences, held during August 27- 31 .2019, at Poznan, Poland hosted by the **Polish Ethnological Society** and **Adam Mickiewicz University at Poznan, Poland**.
2. Attended and presented paper entitled: **Embedded Environmental Wisdom: Case studies in Indian Community based Knowledge systems, Cultural and Economic practices**, in the Panel: *OP-074 entitled: Environmental Sustainability from Below*, in the **18th IUAES World Congress "World of Encounters, the Past, present and future of**

Anthropological knowledge” held at Florianopolis, Brazil during July 16-20, 2018, organized by the IUAES and ABA (International Union of Anthropological and Ethnological Sciences and Brazilian Anthropological Association) hosted by the **Federal University of Santa Catarina, (UFSC) Florianopolis, Brazil**

3. Attended and Presented paper titled, **‘Internecine between the Indian state and the Adivasis (indigenous people), Under Neo-liberalism: A case of Lanjigarh resistance movement’**, in the Panel entitled: The State and Indigenous Peoples in the Context of Neoliberal Policies (WIM-HLT07) in the **Inter- Congress “CASCA/IUAES2017: Mo(u)vement”** held during 02- 07 May 2017, at Ottawa, Canada. This Congress was jointly organized by the International Union of Anthropological and Ethnological Sciences (IUAES) and Canadian Anthropology Society (CASCA) and hosted by the **University of Ottawa, Canada.**
4. Presented paper entitled; **‘Understanding Anti-POSCO Movement of Odisha: Through the Politics of Development’** (Co-authored With Manoranjan Das) in the 21st International Conference on *Alternative Futures and Popular Protest*, held at the **Manchester Metropolitan University, Manton building, Manchester, UK**, during 21-23 March 2016.
5. **Leader of the International delegation from ISEC Bangalore to Sri Lanka, Colombo**, for presentation and negotiation for the ongoing project on **Non-Tariff barriers between India and Sri Lanka**, at the ministry of Trade and Commerce Govt. of Sri Lanka and Chambers of Commerce, Sri Lanka, during 16th to 20th Nov. 2014.
6. Attended and presented paper entitled: **Mobilizing from Appropriate Technologies to Sustainable Technologies (Based on grassroots innovations)**, in the session **No.413.4** entitled: Technological Innovation and (Un)Sustainable Consumption (at **Pacifico congress, Annexe Hall, July 17, 2014: 03:30 PM - 05:20 PM**) in **RC 23** Sociology of Science and Technology, of **XVIII ISA World Congress of Sociology, held at Yokohama, Japan** during 13-19 July 2014. (with full travel grant from ICSSR, GOI New Delhi).
7. **Leader of the International delegation from ISEC Bangalore to Sichuan Academy of Social Sciences, Republic of China and delivered keynote address on Globalization of Developing Countries: Dynamics of Academics in India and China, at Chengdu, Sichuan, Republic of China** on 24th Oct. 2013 with President of 21st Century India and China Cooperation Forum, Secretary General Govt. of Sichuan, Consul general of India to Chengdu, and Minister of Government of Karnataka, on the Inaugural session Bi-lateral convention /SASS and ISEC conference , During 24th to 27th October 2013.

8. Presented paper entitled: **Self-Help Group Movement: The Odisha Experience** (Co-author Akhaya Kumar Nayak), at the **18th International Conference on Alternative Futures and Popular Protest**, Organised by the **Dept. of Sociology, Manchester Metropolitan University**, and held at the Manton Building, MMU, Rosamond Street West, **Manchester M15 6LL, England during 25th-27th March 2013.**
9. Attended and presented paper entitled : **ICT Revolution in India and Socio-cultural Changes: Sociological Explorations**, in the (International Sociological Association) RC 23 session (held in the **Faculty of Economics building, Apt. 120, OB**) at The Second ISA Forum of Sociology organized **at University of Buenos Aires, Argentina, 1-4 August 2012.**
10. **Plenary Talk: ICT Revolution and Knowledge Workers of India: Explorations in Sociology of Work**, presented the ISA RC 10 organized International conference on **Democratic Participation in Employment and Societal Regulation**, at **Ecole Normal Superior de Cachan, PARIS, France, during 27-30, June 2011.**
11. **Invited Symposium speaker** at the International Workshop on Technology-Society Sustainability, held at the **Business School (Centre for Impact Assessment and Technology Forecasting) of the Kozminski University, 59 Jagiellonska street, Warsaw, Poland**, (meeting with Swedish and Polish Govts. Parliamentary Committees on Technology and Future Societies) during **19-20 April 2011** and presented the paper entitled: ***From Appropriate to Sustainable Technologies: Tracing the Shifting locus of a Social Movement through Institutional Growth in India.***
12. Attended the **XVII World Congress of Sociology (of the International Sociological Association) at Gothenburg, Sweden, during July 11-17, 2010**, and presented a co-authored (With S Panda) paper entitled: ***Contemporary Tribal resistance Movements in Orissa: Debate on Development and Displacement***, in RC 48, session entitled: ***Collective Mobilization by the Development Induced Displaced.***
13. Attended the **Virginia Tech** organized Annual Conference of the **(4S) Society for the Social Studies of Science**, (the global professional body of S&T policy researchers) at **Arlington, Washington DC, USA during OCT 27 –NOV 1, 2009** with full financial support of IITKanpur. Paper entitled (presented):
Science Technology and Social inequality in India: A Socio-historical Perspective.

14. Delivered an Invited talk entitled **“Understanding People’s Science Movement in India : From the Vantage of Social Movement Perspective** (*Visit partially funded by the Russian Society of Sociologists*) at the **III All-Russia Sociological Congress "Sociology and a Society: Problems and Ways of Interaction"** held during **October 21-24, 2008** at **Moscow, Hotel "Academicheskaya"**.
15. Attended the **16th World Congress of the International Union of Anthropological and Ethnological Sciences (IUAES) at the University of Yunan Kunming, China** during July 27-31, 2009 with Full Financial support from the IUAES and presented the paper entitled: **Indigenous vision and Sustainable Development** in the Panel: Indigenous Knowledge for Ecological Resource Management.
- Chaired the technical sessions entitled:** (i) Traditional Forest related knowledge and Forest Resource Conservation, (ii) Shifting Cultivation and agricultural Production Management.
16. **Attended 1st ISA Forum Sociology, Barcelona, Spain, September. 5-8, 2008** (partially Funded by the International Sociological Association). **By Invitation Chaired Technical sessions;**
- (I) **Research Committee: 23, entitled Session: 11 The Internet: from Utopia to Nightmare**, Joint Session RC07 with RC14 and RC23 Sociology of Science and Technology Friday, Sept. 5, Faculty of Communication Blanquerna, University of Ramon Lull, Room A101
- (ii) **Research Committee 48, Session 09. Social Movements: Vision, Persuasion and Power**, Saturday Sept. 6, Universitat De Barcelona, Faculty of Filosofia. Barcelona.
17. **Attended First ISA Forum Sociology, Barcelona, Spain, Sept. 5-8, 2008** and Presented two papers:
- (i) **Science Technology and Social Inequality in India: A Sociological Perspective**, in RC 23, Session 6; *Science and Technology for whom*;
- (ii) **Understanding Peoples Science Movement in India: from the Vantage of social Movement perspective**, in RC 48 Session 07A: *Traditional and New Forms and Arenas of Social Mobilization Part I*.
18. **Delivered invited talk (Partially funded by the Russian Academ of Sciences to visit IHNST, RAS, Saint Petersburg, Russia) entitled:** Current Problems of Science and the Public Understanding of the Role of Science and Technology in Developing Countries’, **in the XXIII, Session entitled, Fundamental Problems of Sociology and Economy of science: Past and Present, of the International School of Sociology of Science and Technology**, during Oct.15-1.2007, IHST, **Russian Academy of Sciences, Saint Petersburg, Russia**.

19. **Organized and Chaired a Technical Session in the XVI World Congress of Sociology of the International Sociological Association** in its RC 23 Session 4 entitled "Science and Technology Under Globalization" celebrated at **Durban, South Africa (Hosted by the University of Kwa Zulu Natal) during 23-29 July 2006.**
20. Attended and Presented a paper entitled '*Science Popularization Movement in Orissa, mid-20th Century Onward: A Sociological Analysis*' (with Subhasis Sahoo) presented in the **RC 48 Session 5 of the International Sociological Association's XVI World Congress of Sociology celebrated at Durban (University of Kwa Zulu Natal) South Africa, During July 23-29 2006.**
21. Attended and Presented a paper entitled '*Understanding People's Science Movement in India: From the Vantage of Social Movement Perspective*' at the **ISA XVI World Congress of Sociology, in its RC 23 Session 7, Celebrated at Durban, (University of Kwa Zulu Natal) South Africa during 23-29 July 2006.**
22. Attended and Presented a paper entitled 'Socio Psychological Determinants of Career Alternatives to scientific Profession in India' in the **XXII session on October 23-25, 2006** (Theme: The Images of scientists in Mass Consciousness: History Paradoxes and New Alternatives) of **International school of Science Technology Sociology, Institute for History of Natural Science and Technology, Saint Petersburg, Russian Academy of Sciences, Russia.**
23. Attended and Presented a paper entitled '*People's Science Movement in Late 20th Century India*' (With Subhasis Sahoo) in the 9th International Conference on Public Communication of Science and Technology (**PCST-9**) **organized by the Korean Science Foundation and Korea Academy of Science and Technology, Coex, Seoul, Korea, 17-20 May 2006.**
24. Attended and presented paper entitled: Role of Grassroots NGOs In India: A New Social **Movement Perspective**, in the *9th International Conference on Alternative Futures & Pupular Protest*, Organised by the Faculty of Humanities and Social Sciences, The **Manchester Metropolitan University, Manchester, UK, during 22-24 April 2003.**
25. Attended and presented Paper entitled: 'Determinants of Scientific Productivity: A Study among Indian Academic Scientists' in Session -6, RC 23 Sociology of Science and Technology, the **XV World Congress of Sociology of the International Sociological Association, held at Brisbane, Australia (University Queens Land) during 7-13 July 2002.**

26. Attended and presented paper entitled: R&D Cultures: Fostering Innovations in Organizations (with Shikha Suman) in the international **R&D Management Conference held at the *National Institute of Technology Management, (NITM) Dublin, Ireland, 6-7 Sept. 2001.***

Important Research Papers presented in Conferences and Lectures delivered within India (From 1997 onward only)

1. **Delivered Keynote address** on the theme: Media, Elitism and the Legitimation Crisis: The case of Nascent Indian Democracy, **at the National Workshop on *Media and Social Responsibility*, on 16th November 2019, organized by the PG Dept. of Public Administration, Utkal University Vani Vihar, Bhubaneswar on the National Press Day celebration.**
2. **Delivered the prestigious Institute Lecture at RGIPT** (A Govt. of India Institute), Jaish, Rai Bareli (UP) **on the theme: Globalization and its Impact on the Scientific and Technological Research in India, on 30th October 2019.**
3. **Delivered Keynote address** on the theme, Urbanization in India: Trend Developments on 14th Feb 2019, to the (two days) National Seminar organized by the SAP of **Dept. of Sociology, North Eastern Hill University (NEHU), Shillong.**
4. **Delivered a Lecture series as Resource person**, on Research Methods in the Induction Program of the **Higher Education Academy, Govt. of Karnataka**, to the College teachers (Asst. Profs) at the Karnataka University Campus, Dharwad, during 9-10 March 2018.
5. **Delivered Institute Lecture series on *Indian Society and Culture***, at National Institute of Technology, **NIT Uttarakhand**, at Srinagar during October 3 to 5 2016.
6. **Guest of Honour address**, Paper entitled; **Wither goes the Social Movement theory: Analyzing the Anti-POSCO movement in Odisha beyond identity issues**, presented at the ICSSR funded national seminar on Social Ecology & Environmental Movements in India, held at Lucknow University, Lucknow during 13-14 October 2015.
7. Delivered **Key-note address** to the ICSSR funded national workshop on Research methodology in Social Sciences, at the Dept. of Sociology **Ravenshaw University, Cuttack** during 25th June to 5th July 2015.

- 8. Delivered Invited lecture series at the NISER BBSR** during Oct. 23 to Nov. 3, 2014 on themes like:
 - (i) People's science Movement in India
 - (ii) Appropriate technology movement in India
 - (iii) Patterns of scientific productivity
- 9. Chief Guest and Key-note speaker** at the national seminar on: **Rural Development and Inclusive Growth: New Debates**, organized by Centre for Study of Social Exclusion and Inclusive Policy, **University of Mysore**, Manas Gangotri, Mysore, during 21-22 August 2014.
- 10. Convocation Address** delivered at the 27th Convocation of **Indira Gandhi National Open University (IGNOU) Bangalore Regional Centre, Bangalore**, on Wednesday, 16th April 2014
- 11. Key-Note speaker** at the National seminar on : 'Gandhian Concept of Ideal Village and its contemporary Relevance', organized by Gandhi Bhavan, Mysore University, Manas Gangotri, Mysore during March 28-29, 2014.
- 12. Chief Guest and Inaugural address delivered** at the National Seminar on 'Poverty and Social Exclusion in India ; Need for Paradigm Shift towards an Inclusive Society' organised by the Department of Sociology, **Christ University, Bangalore** on 12th March 2014.
- 13. Keynote address delivered to International Conference** on '*Environment, Technology and Sustainable Development- Promises and Challenges in the 21st Century*', organised by **ABV-Indian Institute of Information Technology and Management Gwalior** on 2nd March 2014, Gwalior, Madhya Pradesh.
- 14. Valedictory address delivered** on the theme 'Sustainable Development to the Refreshers' Course in Developmental Studies at the **University of Mysore, Manas Gangotri**, UGC Academic College and Department of Economics and Cooperation on 26th Dec-2013.
- 15. Delivered Keynote address** to the national seminar (during Nov.13-14, 2013) entitled: **Remapping Development in India: Alternative Paradigms for 21st Century**, Organized by the PG Dept. of Economics, at the **Ravenshaw University, Cuttack, Odisha**, on 13th Nov. 2013.
- 16. Delivered invited Lecture** under the Institute Lecture series on the theme, **ICT Revolution in India: Socio-cultural Changes**, at the Dept. of Humanities and social sciences, **National Institute of Technology (NIT) Rourkela**, on 4th October 2013.

- 17. Delivered Invited lecture series at the UGC Dept. of Special Assistance, University of Mumbai, Kalina, during 18-23 March 2013, on Topics like:**
- (i) Science and Technology in Global South: A sociological perspective to Globalization
 - (ii) Globalization, ICT revolution and Socio-cultural Change in India
 - (iii) Tribal Resistance movements in Contemporary Odisha.
- 18. Delivered Symposium/ plenary talk at the International Conference** entitled: Development and Innovation in Emerging Economies, organized by **the CDEIS-INDIALICS (funded by DST GOI)** at the Dept. of Economics and Centre for South-West Asia Study, Punjabi University, Patiala, Punjab, during November 16-18, 2012.
Topic of the talk: Grassroots Innovations and Development; A Bottom-up approach.
- 19. Delivered invited lecture under the UGC national lectures series, of the Centre for Advance Studies in Sociology, Under the Dept of sociology, University of Poona, on 25th Jan 2012, on the theme: Studying *Appropriate Technology Movement in India: From the vantage of Social movement perspective.***
- 20. Delivered Plenary Talk on theme Globalization, ICT revolution and Socio-cultural Changes in India: Sociological Explorations, at the Indo-Russia International conference on the theme; Socio-Economic Technological Innovations in the Globalizing world (STIGE-2011): Mechanism and Institutions, organized by NISTADS-CSIR and the IHST, Russian Academy of Sciences, at NISTADS New Delhi, Nov2-5,2011**
- 21. Delivered Invited lectures in the PG Department of Sociology, Ravenshaw University Cuttack, under the UGC lecture series, on the theme: Collective Mobilization by the Development Induced Displaced: Studies in resistance movements from contemporary Orissa, on 21st September 2011.**
- 22. Delivered Key-Note address to the International Conference** entitled : Science Technology and Society, (supported by the M P council of Science and Technology) under the auspices of Indore Christian College, **Devi Ahlya Bai University, Indore on the 12th of March 2011.**
- 23. Under UGC Special Lecture series of the Dept. of Sociology, North Eastern Hill University (NEHU), Shillong, delivered Lectures on : Contemporary Tribal Resistance Movements in Orissa: Studies on Collective Mobilization by the Development Induced Displaced, during 03-04-05 March 2011.**

- 24. Symposium Speaker at the International Seminar** entitled: Science Technology and the Nation; (European Commission funded Project) at the **University of Hyderabad (Central University)** under the auspices of Centre for Knowledge, Culture and Innovation Studies, during 24-26, 2011, on the theme, *Science Technology in India Contributing to Class Formation ?*
- 25.** On the invitation of **the Dept. of Humanities and Social Sciences IIT Guwahati**, delivered series of Lectures on *Science and Technology under Globalisation, Social and Economic aspects of Industrial Technology transfer from Developing countries to Developed countries*, **during 14th December to 18th December 2010.**
- 26.** On the invitation of **Department. of Sociology, University of Pondicherry**, a Central University Delivered UGC series of Lectures on *Contemporary Resistant Movements in Orissa and Social Impacts of IT Revolution in India* during 25- 26-27, October 2010 at the Pondicherry University .
- 27.** Delivered an invited lecture entitled: ***Globalization and Industrial R&D in India***, to the **Indian Institute of Metals NALCO Angul** Chapter on 15th June 2010 at the Chanakya Hall, NALCO, ANGUL.
- 28.** Presented paper entitled: *Globalization. ICT revolution and Sociocultural Changes: Sociological explorations*, to the **International conference** on 'Globalization, Society and Culture' organized by the University of Poona, Dept of Sociology, during 23-25 February 2010.
- 29.** Delivered invited lecture entitled: ***Science and Technology in the Global South a Perspective to Globalization***, at the National Institute of Science Technology and Development Studies (**NISTADS**), **CSIR, New Delhi**, on 29th January, 2010
- 30. Delivered Valedictory address on 25th Feb 2009 to International conference** on 'Globalization, Society and Culture' organized by the **University of Poona**, Dept of Sociology, during 23-25 Feb 2010.
- 31.** Delivered an invited talk at the Department of Humanities and Social Sciences, **IIT Kharagpur**, on the theme : **Science and Technology in India for Class formation or Class annihilation**, on 18th February, 2009.
- 32. Delivered invited Lecture entitled: Science Technology and Social Stratification in post-independent India**, at the Department of Sociology, Pondicherry University, Kalapet, Pondicherry, during March 28-30 2007.

- 33. Delivered the keynote address as the Chief speaker** to the UGC funded National Seminar organized by the DAV College Kanpur, on the theme **Environment and Development**, on 19th February 2007.
Title of the Key Note Address: ***Indigenous Vision for Ecologically Sound Development.***
- 34.** Presented an invited paper entitled: **Globalization and the Scientific Technological regime in India: Aspects of Change**, at the UGC and UNDP sponsored international seminar entitled: Globalization: Potentialities and Predicaments, Organized by the Department of Sociology, **University of Calcutta, Kolkata**, during January 16-17, 2007.
- 35.** Delivered a **Plenary talk to the Symposium-I “Science Technology and Society: Emerging Issues”** of the **XXXII All India Sociological Conference**, organized by the University of Madras, Chennai, during 27-29 December 2006.
Title of the Plenary Talk: ***Science Technology and Social Inequality in the Developing Societies: A Critical Perspective***
- 36. Delivered Key-note Address entitled: Sociology in the IITs and IIMs Retrospects and Prospects**, in inaugural session of the Symposium on “Sociology in the IITs and IIMs: Trends, Prospects and Possibilities.” Organized by the **Department of Humanities and Social Sciences, IIT Bombay**, during 12-13 November, 2005.
- 37.** Chaired a Technical Session and presented a paper entitled **“Productivity issues in In-House R&D units: An empirical enquiry in Indian metal industry”** (with Shikha Suman) in the **International Conference on Productivity and Quality Research**, organized by the IIT Delhi in collaboration with **International Society for Productivity and Quality Research, (University of Miami, USA)** during December 12-15, 2005.
- 38.** Presented a paper entitled **“Changing trends of Technological Research in India under Globalization”** in the **International Conference on Globalization and Economic Asymmetries** organized at **the IIM Kozhikode in association with The Athenian Policy Forum INC, USA**, during December 15-17, 2005.
- 39.** Chaired a technical session entitled **“Status of R&D in India and other Countries”** in the **2005 NISTADS-CRRID International Conference on Science and Technology Policy: Future Challenges in the Context of Globalization**, (Co-sponsored by the UNESCO and DST, Government of India) organised at the CRRID Chandigarh, During March 7-10, 2005

40. Chaired a Technical session: Social and Ecological Values in Tribal India, and presented a paper entitled : **Indigenous Vision for a sound Environmental and Ecological Future**, at the **International Conference on Tribal Society in India and Beyond** held at the **Sambalpur University** during December 17-19, 2004, jointly organized by the Dept. of Anthropology and the Orissa Research Project of Institute of Ethnology, **Free University of Berlin, Germany**.
41. Delivered a **Key-note address as the Chief speaker** in the inaugural session of the UGC funded National Seminar on **Sociology in Orissa**, hosted by the Dept. of Sociology at Sambalpur University, during February 22-23, 2005.
42. **Delivered an invited lecture** on the theme: **Indigenous Vision for Environmental Ethics**, at the Department of Sociology, **University of Hyderabad, Central University Post, Hyderabad**, on 13th April 2004.
43. **Delivered an invited lecture** on the theme “**Values and objectivity in Social Science Research** ”, at the Department of Sociology, **Lucknow University, Lucknow** on 20th January 2004.
44. Delivered three lectures on : **Theories of Sociology of Development**, on 12 and 13 January 2004, as resource person at the second *Refreshers’ Course in Sociology* organized by the UGC and **Academic Staff College, BHU for College and University teachers** during 2-22, 2004.
45. **Invited Symposium speaker** at 5th Andhra Pradesh Sociological Society Conference on **Technology Society and Development in the Developing Countries**, during 7-8th August 2003 at **Osmania University Hyderabad**.
46. Paper entitled: **Indigenous Vision for Environmental /Ecological Protection**, presented in the *DN Majumdar Centennial Conference (2003-2004)*, Organised by the Ethnographic and Folk Culture Society, Lucknow, during 28th Feb- 2nd March 2003.
47. **Visiting Scholar to the Indian Institute of Advanced Study, Shimla**, During October 27-31, 2002. Delivered two Lectures entitled: (i) Social Inequality in Scientific Productivity and (ii) Impact of Globalisation on Indian Science and Technology in India.
48. Paper entitled: **Aspects of Technological Change in India Under Global Regime**, presented in the National seminar: *Marginalisation and Technology: The Dialogue and the Dialectic*, Organised by the Department of Sociology, **Jadavpur University, Calcutta** during Nov. 15-16, 2002..

- 49. Delivered the Keynote Address as the Chief speaker** to the Silver Jubilee Celebration of the P G Department of Sociology at the Ravenshaw College (Autonomous), Cuttack on 9th March 2002.
Theme- **Development and Empowerment: Theoretical Discourses.**
Organised by the **PG Department of Sociology at Ravenshaw College** (Autonomous) in collaboration with the **Orissa Sociological Association.**
- 50. Delivered a Lecture** as the resource person/expert to the *Second Conference of Ph. D Scholars of U P Region* during 26th Feb. to 1st March 2001, Theme-**Values and Objectivity in Social Science Research**
Organised by the **G B Pant Social Science Institute, Allahabad.**
- 51. Chaired Technical Session V** entitled '**Collaboration aspects: An introspection from Non-Bibliometric Perspective**' at the **International Workshop: Emerging Trends in Science and Technology Indicators: Aspects of Collaborations.**
Paper presented entitle: Patterns of Scientific productivity among Indian Academic Scientists, Organized by the NISTADS, CSIR New Delhi at the CSIR Science Center, Lodi Gardens, New Delhi 110003, During 20-25 Feb. 2001.
- 52. Paper entitled: Aspects of Effectiveness of Environmental NGOs: An Empirical Study,** presented at the XXVII All India Sociological Conference in **RC 04.**, Organised by the Department of Sociology, Guru Nanakdev University, Amritsar, during December 26-28, 2001.
- 53. Paper entitled: Relations Between Science, Technology and Environment: Theoretical Explorations.** (Published in the Proceedings)
Presented at the National Seminar :
Eco-Environmental Concerns 2000 and Beyond Organized by the Dept. of Sociology, **Lucknow University**, during 25-26 February, 2000.
- 54. Paper entitled: Quality Research Performance Among Academic Scientists of India.** Presented at the National Seminar : *Scientific and Technological Research in Indian Universities.*
Organized by **The Association of Indian Universities, New Delhi in collaboration with the CSIR, New Delhi,** held at R R L, Bhopal during September 20-21, 1999.
- 55. Paper entitled: Impact of Liberalization and Globalization on Science and Technology in India.** Presented at the Seminar : *India on the Threshold of the New Millenium: the Unfinished Agenda and New Challenges,* Organized by **GB Pant Social Sciences Institute, Allahabad,** collaboration with the Association of Social Science Institutions, New Delhi, during November 26-27, 1999.

56. Lectured at the UGC funded Refreshers Course as resource person on the theme: **Joint Forest Management and Participatory Development in India** Organised by the Department of Sociology, **University of Bombay, Mumbai, during 16-17th May 1997.**

Academic Leadership & Organizing Abilities:

- 1. Organized a National Seminar at IIT Bombay as the ORGANISING SECRETARY , during 24-26 January 1996, Theme:**

***PROBLEMS AND CHALLENGES OF TECHNOLOGY
TRANSFER, IN-HOUSE R&D AND INDIGENOUS
TECHNOLOGY FOR INDIAN INDUSTRY IN THE 1990s***

It was a three days national seminar with 90 papers presented in two Ongoing parallel sessions wherein scholars from Academics (Social Sciences, Management and Engineering faculties), Industry (both Public & Private sectors), Financial Institutions, Govt. Research Laboratories and Ministry of Science & Technology participated. (Funded by DST & DSIR Govt. of India CSIR, The Reserve Bank of India Bombay, Sir Dorabji Tata Trust Bombay, The Bombay Chamber of Commerce, L&T, NOCIL, HAL, NALCO, etc)

**Inaugural address was delivered by Mr. Ashok Parthasarathi, the then Adln. Secretary, Govt. of India, Head, DSIR
Valedictory address was delivered by Dr. Y.S. Rajan, the then Head TIFAC, DST and Advisor to Govt. of India**

- 2. Organized a National Seminar at IIT Kanpur as the CONVENOR during 6-7th February 2001, entitled :**

***PROSPECTS OF INDUSTRIAL R & D IN INDIA
UNDER GLOBALIZATION***

It was a two days National Seminar having nearly 40 papers presented where in scholars/scientists from academics (Social sciences, Management, and Engineering faculties) Executives from Industries (Public and Private Sectors), Scientists and S&T administrators from Research laboratories and Govt. Ministries/Departments. (CSIR, DST and DSIR, Council of Science & Technology UP) had participated. (Funded by DSIR Govt. of India, CSIR, Council of Science and Technology UP, ICSSR, Sir Dorabji Tata Trust Bombay, the Indian Institute of Advanced Study (IIAS) Shimla, the TISCO Ltd, the GAIL, the SONY India Ltd, the LG Electronics Ltd, the HAL, the TELCO Ltd, the ITI Ltd, etc)

Key Note Addresses in the Inauguration:

- (1) Prof. Rajesh Kochhar, Director, NISTADS, CSIR, New Delhi**
- (2) Dr. Kalyan Sen, Director, CFRI, CSIR, Dhanbad**
- (3) Dr. O N Mohanty, Director R&D, The TISCO Ltd, Jamshedpur.**

The valedictory addresses:

- (1) Professor K A Padmanabhan Director, IIT Kanpur
- (2) Mr C V Singh, Director, Lucknow Plant and Works, TELCO Ltd.

3. Organized the *Curriculum Development Workshop on M. Phil in Development Studies* during 24-25th September 2001 on behalf of the Department. of HSS as the **CONVENOR** (with financial grant from the CDTE of the Institute).

This interdisciplinary workshop was attended by senior scholars of repute and senior executives of leading International/ national NGOs. Apart from developing curriculum for the M. Phil Programme this workshop also discussed the possible lines of collaboration with the catalysts of development like INGOs/NGOs.

**Keynote address by: Professor L M Bhole, Dept. of H&SS
Indian Institute of Technology Bombay.**

4. Organized a Technical Session in the XVI World Congress of Sociology of the International Sociological Association in its RC 23 Session 4 entitled "*Science and Technology Under Globalization*" celebrated at *Durban, South Africa (Hosted by the University of Kuwa Zulu Natal) during 23 -29 July 2006.*

5. Organised the XXVIII ALL INDIA SOCIOLOGICAL CONFERENCE (of the Indian Sociological Society) as the **Organising Secretary** at the IIT Kanpur during December 18-20, 2002.

Main theme: *Globalization and the Indian Society*

Inaugural address by the Honorable Governor of Uttar Pradesh His Excellency Sri Vishnu Kant Shastri.

This conference has been attended by nearly 600 scholars from various parts of the country and from abroad. The themes of the 3 symposia of there in were:

Symposium 1: Political Economy Under the Global Regime

Symposium 2: Globalisation Cultural Pluralism & Identities: Indian Context

Symposium 3: Knowledge Based Societies and Globalisation

These apart the conference had 22 Parallel sessions of research committees dealing with various specialized branches of Sociology (including one exclusively manned by the NRI/ Oversea Scholars).

Valedictory address of the Conference was delivered by the noted Sociologist: Professor Yogendra Sigh, Professor Emeritus, CSSS, JNU, New Delhi.

6. Organized as Convener, International Conference entitled: *Liberalizing Research in Science and Technology: Studies in Science Policy*,

In collaboration with the Centre for Sociological and Science-studies Research (IHST) Russian Academy of Sciences, Saint Petersburg, Russia, at IIT Kanpur during February, 4-6, 2009. (Funded by the Dept. Of Science and Technology (DST), Government of India, Council of Scientific and Industrial Research (CSIR), Govt of India and the Indian Council of Social Science Research (ICSSR), and NISTADS New Delhi).

Keynote Speakers:

1. **Dr A Anandan, Managing Director, Microsoft India Research, Bangalore**
2. **Professor O N Mohanty, Vice Chancellor, Biju Pattnaik University of Technology, Bhubaneswar**
3. **Professor Jaime Jimenez, National autonomous University of Mexico, President of Research Committee 23, International Sociological Association (2006-2010)**

(During these three days international conference more than 72 papers were presented in parallel sessions. The paper contributors who attended the conference were from the Russian Federation (21), Mexico (2), The People's Republic of China (10), USA/ Canada (2) and Bangladesh (1). The rest of the contributors were from within India).

7. Organized and Chaired Technical Sessions in the ISA XVII World Congress of Sociology (International Sociological Association), at Gothenburg, Sweden during 11-17 July 2010 (hosted by University of Gothenburg):

(i) **Session entitled: *Liberalizing research in science and technology; Institutional aspects***, in the RC 23 (No. 04), on 13.07.2010 at G3, Svenska Manssion, Convention Centre

(ii) **Session entitled: *Collective Mobilization by the Development Induced Displaced*** in the RC 48 (No.01), on 12.07.2010 at Handel Aulan, University of Gothenburg .

8. Organized and Chaired technical session entitled: *Democratizing Science and Technology for Social Justice, under the RC 23 (with RC 48)* at the (International Sociological Association) Second ISA Forum II, held at the Faculty of Economics Building (APT 120 OB), University of Buenos Aires. Buenos Aires, Argentina during August , 1-4, 2012.

9. Organized and Chaired Technical session at the International Sociological Association XVIII World Congress of Sociology, Yokohama, Japan, 13-19 July 2014:

(i) **Session No. JS-03**, entitled: Globalization from Below: Institutional and Policy changes in Developing Countries, as joint session of ISA WG 01 and RC 23, at **Pacifico Congress, National Convention Centre (Room313-314) on July 14, 2014: 10:30 AM - 12:20 PM**

(ii) **Session No. 408**, entitled: ICT and Social Inequalities, in ISA RC 23 Sociology of Science and Technology, at **Pacifico Congress, Annexe Hall (B-44) on July 16, 2014: 08:30 AM - 10:20 AM.**

10. Hosted *Annual meeting of Directors of ICSSR* Research Institutes and Regional Centres, at **ISEC Bangalore during July 28-29, 2014. Presided over by the Chairman ICSSR, Prof Sukhadeo Thorat.**

11. Organized as Convener, international seminar at IITKanpur (under the banner of Dept. of HSS) entitled: **Social and Political Movements in Odisha: Past and Present, during **February 21-23, 2018** (in the outreach auditorium) (Funded by IITKanpur and Anthropological Survey of India). During the three days event 37 paper presentations were made.**

12. Organized (Convener) and Chaired Technical Session OP: 074 entitled: **Environmental Sustainability from Below, under Thematic Line 15: Anthropology of Development and Environment, (on d.19.07.2018, at 8.30-10.00 am, in Centro de Culturale Eventos) of **18th World Congress of IUAES 2018 held at Florianopolis, Brazil** during July 16-20, 2018, hosted by the Federal University of Santa Catarina (UFSC), Florianopolis, Brazil.**

13. Organized (as convener) and Chaired Open Panel session (PA) entitled: Land Rights movements by the Indigenous people of the World (Sub ID 30897902724), in the **IUAES 2019, Inter-Congress of International Association of Anthropological and Ethnological Sciences, held during August 27- 31 .2019, at Poznan, Poland hosted by the **Polish Ethnological Society** and the **Adam Mickiewicz University at Poznan, Poland (Venue: Morasko Campus,Room 3.46)****

Sponsored (Research) Projects Completed

Period	Sponsoring Agencies	Title of the Project	Amount of Grant	Co-Investigator
2.5 years, Completed in 1995-96	DSIR New Delhi 1992-93	Technology Transfer and R&D Activities in Indian Electronics Industry: A Comparative Study	Rs.80,000/	No
3.5 years, Completed in 1997-98	CSIR New Delhi 1994-95	Career Productivity and Creativity among Indian Scientists	Rs.90,000/	No

Post- Doctoral Thesis Supervision (Completed):

Name of the scholar	Thesis title	Funding Agency	Year
Dr Manas Ranjan Nanda	Studying Naxalite Movement in Odisha: A Social Movement Perspective	ICSSR PDF	April 2012- March 2014

Ph. D theses currently under Supervision:

Students	Thesis Title	Degree	Institution
Ms. Punam Narayan Kavade	Rise of the Backward Caste Consciousness in Maharashtra	Ph.D VI year	IITKanpur (Open Seminar delivered,)
Ms. Manjima Das	Globalization and Changing Consumption Pattern in Urban India	Ph.D V year	IITKanpur
Ms Arunima K	Role of Van Panchayats and Traditional conservation practices in Ecological Management of Uttara khand	Ph.D V.year	IITKanpur
Ms. Debbani Bhattacharya	The Gorkhaland Movement: A new Social Movement Perspective	Ph.D IV year	IITKanpur
Ms.Trina Das	Rise and Growth of Technology Start-ups in India: A Techno-Innovation study of Entrepreneurship	Ph.D III year	IITKanpur
Ms. Apratyasita Tripathy	Study of Kandhanal Riots: A Social Constructionist Perspective	Ph.D III year	IITKanpur

Ms Pritha Sarkar Co-Guide	People's science Movement in West Bengal	Ph.D III year	IITKanpur
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Ph. D Theses Supervised so far:

Sl. No	Name	Year of Completion	Title of Ph. D Thesis	Co-Guide
1.	Dr.Rajneesh Krishna	1997-98 awarded IIT Bombay	Occupational Attainment and Mobility in an Urban Community: A Study of Jamshedpur City	No
2.	Dr. (Ms.) Lalita Chaudhury	1997-98 awarded IITBombay	Quality and Quantity Research Performance among Indian Academic Scientists	No
3.	Dr. Biswambhar Panda	2003-04 awarded IITKanpur	Aspects of Effectiveness: A Study of Grassroots Environmental NGOs	No
4.	Dr. Ms Shikha Suman	2004-05 IIT Kanpur awarded	Managing In-house R&D: An Exploratory Study in Indian Metal Industry	No
5.	Dr. Pranaya Kumar Swain	2005-06 IITKanpur awarded	Unique Competencies of the I N G Os: Empirical Explorations from India	No
6.	Dr. Subhashis Sahoo	Awarded 2010 IITKanpur	People's Science Movements in late 20 th Century India	No.
7.	Dr. Ms. Debajani Dhal	Awarded IITK 2012	Appropriate Technology Movement in India: An Emphatic Drift	No
8	Dr. Akhaya Kumar Nayak	Awarded 2013 IITKanpur	SHG movement and Socio-economic Development : Empirical Explorations from the eastern Indian state of Odisha	No
9.	Dr. Roopesh Kaushik	Awarded 2013, IITKanpur	Impact Evaluation of Institutions in harnessing Water Resources: A Study of Water Harvesting Projects in the Semi-Arid Regions of Rajasthan	Yes
10	Dr. Ms. Sanghamitra Panda	Awarded 2015 IITKanpur	Tribal Resistance Movements in Contemporary Odisha (by the Development –Induced Displaced)	Yes
11	Manoranjan Das	Awarded 2017 IITKanpur	Studying Anti-POSCO movement : from the Vantage of New Social Movement Perspective	No

B Tech/ M.Tech / M. Phil Theses supervised:

Sl. No.	Name	Year of Completion	Title of Thesis	Co-Guides
1.	Ms Garima Pathairiya (BSBE) (B Tech project)	2013 IITKanpur	Anti-Nuclear protest movements in India: Review of the Kudumkulam and Jaitapur power projects	No
2.	Ms Naincy Pandey (BSBE) (B.Tech Project)	2013 IITKanpur	Genetically Modified Food products and Farmers protests in India: A Review	NO
3.	Mr. Anuj Goyal (BSBE) (B.Tech Project)	2010-11 IITKanpur	Microfinance in India: A Study of Lucknow-Kanpur Region	No
4.	Mr. Manu Mittal (M. Tech thesis)	1998-99 Awarded IIT Kanpur	Development of Methodology for Socio-Economic Impact Assessment of Large Water Resource Projects	Dr. P. Bose, EEM
5.	Mr. Manish kumar Thakur (M.Phil thesis)	1997-98 Awarded IIT Bombay	Participatory Development and Common Property Resources: Case Studies in Pani-Panchayat in Maharastra	No
6.	Ms. Sumana Dutta (M.Phil thesis)	1996-97 Awarded IITBombay	JFM, Case Studies in Bankura, West Bengal	No
7.	Ms. Ipsita Mohanty (M.Phil, thesis)	1995-96 Awarded IITBombay	Awareness and Perception of AIDS: A Study Among the Seamen	No
8.	Mr. Anirudh Brahmachari (M.Phil, thesis)	1995-96 Awarded IITBombay	Participatory Forest Management (A Study in Mayurbhanj, Orissa)	No
9.	Mr. Mukesh Kumar (M.Phil thesis)	1994-95 Awarded IITBombay	Role of International NGOs in India's Development: A Case Study of CARE India	No

Courses taught at IIT Kanpur

Course No.& Title	Level (UG)	Developed by self
SOC. 171 Introductory Sociology	Level I, Core Course 1st. Yr B.Tech	No
SOC. 470 Sociology of Development	Level II. Elective Course 3 rd & 4 th Yr B.Tech	Yes
SOC. 475 Industrial Sociology	Level.II , Summer Course	No
SOC 478 Sociology of Science and Technology	Level II 3 rd and 4 th Yr B Tech	Yes
SOC 473 Indian Society and Culture	Level II 3 rd and 4 th B Tech	Yes
SOC.721 Sociological Theory	Ph.D	No
SOC. 720 Research Methods	Ph.D.	No
SOC.745 Sociological Theory in late 20 th Century	Ph.D	No

Courses taught at IIT Bombay

Course No. & Title	Level (UG)	Developed by self
HS.104 Perspectives in Social.Sciences	Core Course 1st.B.Tech	No
HS.429 Sociology of Science	HSS Elective 4 th B.Tech	Yes
HS.478 Industrial Sociology	Institute Elective 4 th B.Tech	Yes
HS.800 Research Methods in Social Sciences	Ph.D	No
HS.801 Statistical Methods	Ph.D	No
HS.804 Advanced Theory of Society	Ph.D	No
HS.603 Socio-Psychological Perspectives in Development & Change	M.Phil	Yes
HS.602 Science and Technology in India's Development	M.Phil	Yes
ES.605 Ecology and EIA	M.Tech (taught as Co- Instructor)	No

Academic Administrative Experience:

Period	Organization	Nature of Responsibility	Designation
1994-95 to 1996-97, 01 term, for 2.5 years	IIT Bombay Dept. of H&SS	Organizing course seminar, field visits, Registration, etc.	Programme Coordinator, M.Phil, in Planning & Development Studies
1998-99 onward for 4 years	IIT Kanpur	Hostel Administration	Warden and Warden in Chief
2005-2006	IIT Kanpur	All P G Academic Administration (M.Tech & Ph. D)	Chairman, Senate Post-Graduate Committee
2004-2005	IIT Kanpur	Faculty Matters	President/ Convener of Faculty Forum
2005-2006	IIT Kanpur	Dept. Post Graduate matters, like recruitment, leave, Credits, TA duty, Presentations, timely progress, etc	Convener, Dept Post Graduate Committee
2009-2010	IIT Kanpur	Budgeting and policy matters of Central Library	Chairman Senate Library Committee
August 2013 to Feb 2015	ISEC Bangalore	Academic Administration (research, finance and general administration)	<i>DIRECTOR (VC)</i>

The Information given above are true to the best of my knowledge.

Sd/

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