

## HARIBABU EJNAVARZALA

### Curriculum Vita

#### Positions held

**Vice-Chancellor-in-Charge, University of Hyderabad (UoH) January 28 8, 2015 to May 31, 2015.**

**Pro-Vice-Chancellor University of Hyderabad September 08 2011 to January 27, 2015**

**Dean, School of Social Sciences August 1, 2006 to July 31,2009, UoH.**

**Dean, School of Sarojini Naidu School of Arts and communication August 1, 2000 - July 31 2002, UoH.**

**Adjunct Professor: International Programs, University of Iowa, Iowa city, USA July 2007 to June 2012.**

#### Education:

**Ph. D – Indian Institute of Technology- Bombay, 1980 - Sociology.**

**M.A. – Sri Venkateswara University, Tirupati (AP) – 1974 Social- Cultural – Anthropology (67%, I Rank)**

**B.Sc. Sri Venkateswara University 1973 (Botany, Zoology, and Chemistry) II division**

**Pre-University Course: 1968 Sri Venkateswara University (Biological and Physical Sciences) 59 per cent**

**SSLC: 1967 A.P Board of Secondary Education (I division 76.5 per cent)**

#### Professional Experience:

<b>Designation</b>	<b>Organization</b>	<b>Duration</b>
Professor of Sociology	University of Hyderabad Hyderabad 500046	June 14, 1993 to May 31,2015
Reader in Sociology	University of Hyderabad	July 16, 1990 – June 13, 1993
Assistant Professor in Sociology	Department of Humanities and Social Sciences (HSS), IIT, Kanpur	July 3, 1985 – July 15, 1990
Lecturer in Sociology	Dept. of HSS, IIT-Kanpur	Sept 22, 1980 – July 2, 1985
Research Fellow	National Institute of	July 8, 1980 – Sept 20, 1980

	Training in Industrial Engineering (NITIE), Bombay	
Sr. Research Assistant	Department of Humanities and Social Sciences, IIT-Bombay	May 16, 1980 – July 7, 1980

**Research interests: Science, Technology and Society Interface Studies**

I have been teaching courses in the area of science technology and society interface. In collaboration with faculty members of the department of philosophy at the University of Hyderabad I designed two interdisciplinary courses on: a) Science Culture and Society; and b) Technology Culture and Society for Master level students. I have been carrying our research in the area of science technology and society interface.

**Research Guidance:**

	<u>Degrees awarded</u>	<u>In progress</u>
i) Ph. D	21	Four (will submit by Dec. 2015)
ii) M. Phil	eighteen	--

(In the area of Sociology of Science and Technology)

**Research Papers Published in the area of Science, technology and society interface:**

- 2015 With Devaraj, P. ‘Discontinuities in the Trajectory of Solar Photovoltaic (SPV) Technology Development in India’, *Perspectives on Global Development and Technology*, 14 (2015) 301-332.
- 2014 Obsolescence of First Generation GM Cotton Seed: Is It Planned? *Asian Biotechnology and Development Review*, Vol. 16 No.3, pp 47-60
- With Malini Bhargava ‘Education Technology Development: The SCOT Approach’, *International Journal of Technologies in Learning*, Vol. 20, Issue 4, November 2014, pp.19-26.
- ‘Obsolescence of First Generation Bt Cotton Seed: Is It Planned’? *Asian Biotechnology and Development Review*, Vol. 16, No.3, pp. 47-60
- 2012 ‘Genetically Modified Food’, in George Ritzer (ed.) **Blackwell Encyclopedia of Globalization**, Blackwell publishers.

- With Avvari V. Mohan, Nagalakshmi, C.N. 'University Linkages in Technology Clusters of Emerging Economies - Exploratory Case Studies from Cyberjaya, Malaysia - a Greenfield Development and Cyberabad, India - a Brownfield Development' *World Technopolis Review*, Vol.1, No.1 Issue 1 January 2012, pp. 42-50.
- 2011 'Institutionalization of Science Communication Education', in Gauhar Raza *et al* (eds.) *Construction of Culture of Science*, National Institute of Science Communication and Resources ( NISCARE), New Delhi and Chinese Institute of Science Popularization, Beijing.
- 2011 with Mallick, S., and Reddy, B.B. 'Industrialization of Seed Production: Implications for Agriculture in India', *Perspectives on Global Development and Technology*, 10 (3-4): 441-57.
- 2010 'DNA barcoding: access to biodiversity and benefit-sharing policy issues in the Indian context, *Current Science*, Vol. 99, NO. 5, 10, pp.594-600.
- 2010 with Ronnie Vernooy, Manuel Ruiz Muller, Joseph Henry Vogel, Paul D. N. Hebert, David E. Schindel, Junko Shimura, Gregory A. C. Singer. 'Barcoding Life to Conserve Biological Diversity: Beyond the Taxonomic Imperative', *PLoS Biology*, 8(7): e1000417. doi:10.1371/journal.pbio.1000417.
- 2010 with Debasmita Patra and Katherine A McComas 'Perceptions of Nano Ethics among Practitioners in a Developing Country: A Case of India', *Nanoethics*, DOI 10.1007/s11569-010-0086-7.
- 2010 With Sambit Mallick. 'The Intellectual Property Rights Regime and Emerging Institutional Framework of Scientific Research: Responses from Plant Molecular Biologists in India', *Asian Journal of Social Science* 38 (2010) 79–106
- 2009 With Debasmita Patra and Prajit K Basu 'Nanoscience and nanotechnology: ethical, legal, social and environmental issues', *Current Science*, vol.96, No.5,10 MARCH, pp.651-657.
- 2008 'The Social Construction of Biotechnology: Towards a Transdisciplinary Approach' in Basarab Nicolescu (ed.): *Transdisciplinary Research: Theory and Practice*, NJ: Hampton Press, pp.191-200
- 2007 With J. David Reece, 'Genes to feed the world: The weakest link?', *Food Policy*, 32 (2007) 459–479.

- 2005 [With Sambit Mallick and S. G. Kulkarni] 'Debates on Science and Technology in India: Alliance Formation between the Scientific and Political Elite during the Inter-war Period', *Social Scientist*, Volume 33, Issues 11-12, pp. 49-75.
- 2004 'Interests and Meanings: The Socio-Technical Process of Application of Biotechnology to Crop Improvement in India', *International Journal of Biotechnology*, Vol. 6, No. 1, pp. 65-78.
- \_\_\_\_\_ [With C. Raghava Reddy] 'Technology and Organization Control: A Study of Plant Tissue Culture Industry', *Management and Labour Studies*, Vol. 29, No. 2, pp. 99-108.
- \_\_\_\_\_ [With Nagaraju Gundemeda] 'Periphery in the Service of the Centre: IT Education and Training in India: A Case Study of Andhra Pradesh', *Journal of Educational Planning and Administration*, Volume 18, No. 3, pp. 313-327.
- \_\_\_\_\_ [With Nagaraju Gundemeda] 'IT Education and Training in the Era of Economic Reforms: Implications of Accessibility' in B. Nagarjuna (ed.): *Economic Reforms and Perspectives*, pp. 506-532. New Delhi: Serials Publications.
- 2002 [With C. Raghava Reddy] 'Biotechnology and the Industrialization of Horticulture in India', *Outlook on Agriculture*, Vol. 31, No. 3, pp. 187-192.
- 2000 'Cognitive Empathy in Inter-disciplinary Research: The Contrasting Attitudes of Plant Breeders and Molecular Biologists towards Rice', *Journal of Biosciences*, Vol. 25, No. 4, pp. 323-330.
- \_\_\_\_\_ [With D. Rama Rao and R. Vijaya Kumari] 'Agricultural Education in India: A Sociological Perspective', *Outlook on Agriculture*, Vol. 29, No. 3, pp. 177-184.
- 1999 'Scientific Knowledge in India: From Public Resource to Intellectual Property', *Sociological Bulletin*, Volume 48, Issues 1-2, pp. 217-233.
- 1991 'A Large Community but Few Peers: A Study of the Scientific Community in India', *Sociological Bulletin*, Volume 40, Issues 1-2, pp. 77-88.
- 1989 [With M. Masilamani] 'Correlates of Workers' Participation in Trade Unions: A Study of the Structure of the Union and Socio-Economic and Demographic Characteristics of Workers', *Asian Profile*, Volume 17, No. 4, pp. 327-336.
- \_\_\_\_\_ 'Sociology in India: Crisis of Theory and the Tasks Ahead', *Other Sociology*, Volume 1, No. 3, pp.
- \_\_\_\_\_ 'Occupational Differentiation and Family Structure: A Case Study of Sri Vaishnava Brahmin Community in Andhra Pradesh', *Man in India*, Volume 64, No. 1, pp. 21-34.

- \_\_\_\_\_ ‘Migrant Labour and Labour Legislations in India’, *Indian Journal of Social Work*, Volume 44, No. 4, pp. 419-425.
- 1980 ‘Urban Family Patterns and Rural Nexus: A Study of Rural Migrants from Andhra Pradesh in Greater Bombay’, *National Labour Institute Bulletin*, Volume 7, No. 1, pp. 72-82.
- \_\_\_\_\_ [With Vijaya Puneekar] ‘Caste Associations in Urban India’, *Man in India*, Volume 6, Numbers 1-2, pp. 1-11.
- 1978 [With Vijaya Puneekar] ‘Industrial Development and Commitment of the Indian Industrial Workers’, *Indian Journal of Social Work*, Volume 39, No. 2, pp.

### **7. Contributions to Edited Volumes:**

- 2006 ‘Dialectic of Basic and applied research.’ in I Ramabrahmam and Meena Hariharan (eds.) *Globalization: contextualizing social science research*, Allied publishers
- 1999 With MVS Aparna ‘Actor-Networks in Technology Diffusion: A Case Study of Oil Palm Demonstration Project in Andhra Pradesh’ in Binay Kumar Pattnaik (ed.): *Technology Transfer and In-house R&D in Indian Industry (In the Late 1990s)*, pp. 188-207. New Delhi: Allied Publishers.
- \_\_\_\_\_ [With B. Sarkar] ‘Five-Year Plans: Science, Technology and Development’ in B. Sarkar, E. Haribabu and N. P. Chaubey (eds.): *The Myth of Planned Development*,. Allahabad: Indian Academy of Social Sciences.
- \_\_\_\_\_ ‘Role of Communication in Tribal Development: Some Observations’ in L. Krishnan, B. N. Patnaik and N. K. Sharma (eds.): *Aspects of Human Communication*, New Delhi: Mittal Publications.
- 1990 ‘Economic and Political Dimensions of Pollution Control: Need for Political Action to Protect Environment’ in A. Sharma and R. Sharan (eds.): *Social Responsibilities of Technologists, Scientists and Managers*,. New Delhi: Gyan Publishers.
- 1988 ‘Safety and Health in Construction Industry in India: Some Managerial and Educational Aspects’ in K. N. Vaid (ed.): *Construction Safety Management*, pp. 135-139. Bombay: National Institute of Construction Management and Research.
- 1984 ‘Development of Small and Medium-Size Towns in India: Experience and Policy Implications’ in H. D. Kammeier and P. J. Swan (eds.): *Equity with Growth? Planning Perspectives for Small Towns in Developing Countries*, pp. 549-563. Bangkok: Asian Institute of Technology (AIT)..

## **Books**

- 1995 [With Subodh Mahanti, VV Krishna, Vinod K. Jairath and Aparna Basu] *Scientific Communities and Brain Drain*. New Delhi: Gyan Publishers.
- 1989 [Edited with B. Sarkar and N. P. Chaubey] *The Myth of Planned Development*. Allahabad: Indian Academy of Social Sciences

## **Book Reviews:**

Twelve (in Eastern Anthropologist, Contributions to Indian Sociology, n.s., Indian Review of Books, Social Scientist, Sociological Bulletin.

## **Editorial Boards of Journals:**

**Member Editorial Advisory Board, *Science Technology and Society***, published by Sage, New Delhi, 2007-2012

**Member Scientific Committee of *Innovation and Development***, published by Francis Taylor, 2010-2013

**Editorial collaborator, *Science and Culture***, published by Indian Science News Association, 2008 to date

**Member, Editorial Advisory Board, *Journal of Rural Development***, published by National Institute of Rural Development, Hyderabad, 2012 to date

## **Fellowship:**

1. CSIR Visiting Associate: affiliated to National Institute of Science Technology and Development Studies (NISTADS), New Delhi (1990-91).
2. Invited to the University of Iowa, Iowa city, USA as a visiting professor to the International Programs and Global Health Studies program during 2005, 2007 and 2008 for a period of one month during these years

## **Experience in use of Software**

Adequate experience in using statistical packages for processing Social Science Research data.

## **Seminars Organized**

2006 [With the University of Iowa, US] Organized Indo-US Symposium on *The Culture of Innovation in Science and Technology in India: Opportunities Seized and Opportunities Lost* during January 19-21, 2006

2004 [With the Andhra Pradesh-Netherlands Biotechnology Programme] Organized National Seminar on *Plant Biotechnology: Reconfiguring Social Relations in Agriculture* during February 19-21, 2004

**Seminars/ conferences/workshops:** contributed to over 60 national and international conferences/workshops/seminars.

**Research Projects:**

**Completed:**

S.No.	Title of the project	Duration	Total Cost INR.	Funding Agency
01	Brain drain and Scientific Communities in Collaboration with NISTADS, New Delhi (Co-PI)	1990-91	--	CSIR
02	Status of S&T Manpower in AP GOI (Co-PI) PI – Dr.S.Upendra Rao	1993-95	7,50,000	The DST
03	Rice Biotechnology Research Community India (PI)	1999-2001	7,73,000	The Rockefeller Foundation, New York
04	Research and Development (R& D) in Sociology and Social Anthropology	2002-2003	8,21,000	The DST, GOI
05	Ethics in Science and Technological Responsibility	2008-2011	90,00,000	European Commission, Science in Society, 7 <sup>th</sup> Framework Programme, collaborative project with 8 partners spread across Europe, Kenya and India

06	Systems of Innovations for Inclusive Development: Lessons from Rural China and India	2009-2012	20,00,000	IDRC, Canada. Collaborative project with Chinese researchers. The project seeks identify innovations in agriculture and non-agricultural domains that provide employment to rural population in India and China.
----	--	-----------	-----------	--

### Courses designed and taught

#### At IIT – Kanpur

Undergraduate Level (B.Tech level)	1. Introductory Sociology
	2. Migration and Development
	3. Science, Technology and Social Structure
Post-graduate level (Ph. D level)	1. Research Methodology
	2. Sociological Theory
	3. Science, Technology and Society

#### At the University of Hyderabad:

M.A level	1. Introduction to the Study of Society
	2. Research Methodology
	3. Human Ecology
M. Phil level	1. Advanced Research Methodology
	2. Sociology of Scientific Knowledge

#### Inter-disciplinary courses:

Master's level with faculty from Philosophy	1. Science culture and Society
	2. Technology culture and Society

#### Collaborative Teaching and Research:



## **National**

- i) Taught a course: Science Technology and Society at the Indian Institute of Information Technology (IIIT), Hyderabad, January – April 2000.
- ii) Collaborated with Scientists at NAARM and published a Research paper in the Journal *Outlook* on Agriculture, 2000 (see publications above)
- iii) Collaborative research project with Social Scientists at NISTADS, New Delhi during 1990-91 resulted in a book on *Brain Drain*, mentioned above.  
**International:** Initiated a collaborative work on the role of Research parks in the process on innovation with Prof. Paul Greenough, dept. of History and Prof. Lisa Troyer, Dept. of sociology University of Iowa USA.
- iv). Collaborative research project on **Systems of Innovations for Inclusive Development: Lessons from Rural China and India**, with researchers from National Institute of Science, Technology and Development Studies, (NISTADS), New Delhi, Center for Development Studies, Ulloor, Trivandrum, Gujarat Institute of Development Studies (GIDR), Ahmedabad, Centre for Policy Research (CPR) New Delhi. The project was supported by the IDRC, Canada-2009-2012

## **Membership in Professional Bodies:**

- i) Life Member, Indian Sociological Society
- ii) Life Member, Indian Academy of Social Sciences
- iii) Life Member Indian Political Economy Association
- iv) Life member, Institute for Social and Economic Change, Bengaluru
- v) Life member Indian Anthropological Association

**1. I have been associated with the governance of the University in various capacities: Chairperson of the Grievance Committee, Student Registration Committee and Student Scholarships Committee, Central Purchase Committee, at the University of Hyderabad.**

## **Honorary Positions**

- i) Member Project Advisory Committee, National Council of Science and Technology communication ( NCSTC), DST, New Delhi 2013-to date
- ii) Visitor's nominee to the Court of Jawaharlal Nehru University December 2005- November 2008.
- iii) Convener, Research Committee – 13 on Science and Technology of the Indian Sociological Society (1998-2005).

- iv) Member, Expert Committee, Science and Society Division, Department of Science and Technology (DST) Government of India, New Delhi (2002-2005).
- v) National Advisory Committee for establishing a Permanent Repository of Human Genetic Resource Ministry of Culture (GOI)
- vi) Member, Expert Committee Biotechnology and Public Trust, Department of Biotechnology, Government of India (2004).
- vi). Member, Programme Committee of the Indian Council of Social Science Research (ICSSR), Southern Regional Centre, Hyderabad, May 2006 to April 2009.
- vii) Member, governing council Madras Institute of Development Studies (MIDS), Chennai July 2009-2011
- viii) Visitor's nominee to the Selection committee meetings in Social Sciences, at Viswa-Bharati, 2007-2010.
- ix) UGC nominee to the UGC- Centre for Advanced Studies (CAS), Department of sociology, University of Pune 2012-2015.
- x) UGC nominee to the Special Assistance Programme of the Department of sociology, University of Bombay, Mumbai, 2012-2014

**Countries Visited:**

- i) Thailand (1982,1999); ii) Malaysia (1985, 1997); iii) Canada (1984); iv) Switzerland (2000); v) Sri Lanka (2004); vi) Italy (2005, 2009, 2010); vii) England (2005); viii) USA (2005, 2006, 2007), ix) Kenya ( 2009, 2010), x) China ( 2009, 2012), xii) Germany (2012)

**Language proficiency:**

**Telugu** (mother tongue)

**Tamil** (can speak and read)

**Hindi** (can speak, read and write, one of the languages the high school Curriculum)

**English** (can speak, read and write: Medium of instruction after High school)

**French** (I can read and understand to some extent. I did a course in French Language as part of the requirement for the Ph.D. degree at IIT-Bombay in 1979).

**Mailing Address**

#15-9, STRRET No.8, SUDARSHAN NAGAR  
OPP. HCU BUS DEPOT  
SERILINGAMPALLY  
HYDERABAD- 500 046  
Tel: +919440937306 (mobile)  
Res: +919396991911

