

CURRICULUM VITAE

PERSONAL DETAILS AND COMMUNICATION

Name : **ZAKIR HUSAIN**
Date of Birth : 8th September 1967
Nationality : Indian
Marital status : Married



Communication

Address : 74 Topsia Road South,
Sunflower Gardens, Flat 3B, Tower I,
Kolkata 70046, INDIA.
Email id : dzhusain@gmail.com; dzhusain@yahoo.com
Telephone Number : +9133-22852261/40012026;
Cell No: : +91-9830467551 (Kolkata)/ 9582553984 (Delhi)
Institutional Address : Department of Humanities and Social Sciences
Indian Institute of Technology
Kharagpur, West Bengal, 721302, INDIA
Telephone : +91322 283604
Fax : +91322

EDUCATIONAL QUALIFICATIONS

Doctorate : Ph.D. in Economics from Calcutta University, April 2003
Title: 'Attitudes and Institutions- Sustaining the Commons'
Post Graduation : M.Sc. (Economics), Calcutta University in 1991
Rank: Second in overall merit list; Marks: 66.4%
Graduation : B.Sc. (Econ.), Presidency College, Calcutta University in 1989.
First Class with 60.0%,
High School : Higher Secondary Examination, St. Lawrence High School, in 1986
First division with 64.3%.
Secondary : ICSE Examination, La Martiniere for Boys Calcutta in 1984
First Division with 72.83%.

Fellowship

Qualified UGC Test for JRF & Lectureship, June 1992

Junior Research Fellow at Economics Department, Calcutta University: May 1993-June 1994

Current Research Interests

Applied Econometrics, Reproductive health, Education, Ageing, Household and Family

WORK & TEACHING EXPERIENCE

Work Experience

Current position Associate Professor, Department of Humanities & Social Sciences,
Indian Institute of Technology, Kharagapur

Date of joining 1 October 2013

Basic Pay Basic Rs.46380 + AGP Rs.9500

Earlier Work Experience

Research institutions: 7 years (plus 4 years of doctoral research)

Teaching institutions: 12 years (PG teaching: 8 years; UG teaching: 12 years)

Details of past experience

Institution	Position	From	To
Institute of Economic Growth, Delhi	Associate Professor	1/1/2010	30/9/2013
Institute of Development Studies Kolkata	Associate Professor	1/8/2007	31/12/2009
Prime Minister's High Level Committee for preparation of Report on Social, Economic and Educational Status of Muslim Community in India	Senior Consultant	29/10/2005	30/11/2006
Economics Department, Rabindra Bharati University	Reader	8/7/2005	31/7/2009
Economics Department, Rabindra Bharati University	Lecturer	1/8/1998	7/7/2005
West Bengal Education Service	Lecturer	8/7/1994	31/7/1998

Visiting positions

Visiting Scientist, Sampling & Official Statistics Unit, Indian Statistical Institute, Kolkata: 26 October 2012—25 April 2013.

Visiting Fellow, Economics Department, Calcutta University, 20-27 March 2010.

Courses Taught

- (a) Ph.D./M.Phil. course work: Statistics & Econometric Methods, Applied Econometrics, Gender Studies.
- (b) Post Graduate Courses:
 - Industrial Organization, Game Theory, General Equilibrium and Welfare Economics, Market Imperfections and Externalities.
 - Environmental Economics & Resource Economics, Public Economics.
 - Rural Economics
 - Econometrics: Limited Dependent Models, Multivariate methods (Factor Analysis, Discriminant Analysis, Structural Equation Analysis), Panel data
- (c) Under graduate Courses: Microeconomics, Comparative Economic Development, Development Economics, Environmental Economics.

PUBLICATIONS

Books = 2

1. Zakir Husain & Mousumi Dutta (2014) “Women workers in Kolkata’s IT sector: Satisficing work and household”, Springer (India) Pvt. Ltd.
2. Zakir Husain, Mousumi Dutta & Diganta Mukherjee “Gender, Empowerment and the State: Challenges and Opportunities”, VDM Verlag, Germany, 2010.

International Journals = 19 [2012 Impact factor (IF)]

1. (first author) “Attitudes and Institutions: Contrasting Experiences of JFM in India”, *Environment and Development Economics*, 9(4), August 2004: 563-577. DOI: 10.1017/S1355770X04001548. **IMPACT FACTOR** 0.765.
2. (first author) “Contextual Factors and Common Pool Resources: Evolution of a Fishermen’s Co-operative in Calcutta”, *Ecological Economics*, 50(3-4), October 2004: 201-217. DOI: 10.1016/j.ecolecon.2004.03.027. **IMPACT FACTOR** 2.855.
3. (co-author) “Untapped Demand for Heritage Tourism: A CVM Study of Prinsep Ghat, Calcutta”, *Tourism Management*, 28(1), 2007: 83-95. DOI: 10.1016/j.tourman.2005.07.021. **IMPACT FACTOR** 2.572.

4. (first author) “‘Top Heavy’ Systems and Quality of Health Care: A Survey of Select Departments in RG Kar Medical College and Hospital, India”, *Social Medicine*, Vol 4(2), 2009: 90-97.
5. (co-author) “An Application of MCDM to Built Heritage: The Case of Calcutta”, in *Journal of Cultural Heritage*, 2009, Vol. X(2): 237-243. DOI:10.1016/j.culher.2008.09.007. **IMPACT FACTOR** 1.176.
6. “Commons and Commoners: Re-examining Community in Common Pool Resources”, *Sustainable Development*, Vol. 17(2), 2009: 142-154. DOI: 10.1002/sd.371. **IMPACT FACTOR** 1.884.
7. (first author) “Gender Disparities over Educational Life Cycle in India: Do girls become more robust at higher levels?”, *Social Indicators Research*, 2009, Vol. 101(1): pp 37-56. DOI: 10.1007/s11205-010-9633-4. **IMPACT FACTOR** 1.264.
8. (co-author) “Economic Independence, Family Support and Perceived Health Status of Elderly: Recent Evidences from India” *Asia Pacific Population Journal*, 25(1), 2010: 51-81.
9. “Gender Disparity in Completing School Education over Regions”, *Journal of Research in Educational Sciences*, 1(2), Winter 2010: 75-94.
10. (first author) “Is Health Status of Elderly Worsening in India? A Comparison of Successive Rounds of National Sample Survey Data”, *Journal of Biosocial Science*, Vol 43(2), March 2011: 211-231. DOI: 10.1017/S0021932010000623. **IMPACT FACTOR** 0.95.
11. (co-author) “Balancing the present and future: A study of contraceptive use in Calcutta’s slums”, *World Health and Population*, 12(3), 2011: 23-32.
12. (co-author) “Asymmetric Dividend Policy of Indian Firms: An Econometric Analysis”, *The International Journal of Applied Economics and Finance*, 5(3), 2011: 200-212. DOI: 10.3923/ijaef.2011.200.212.
13. “Gender disparities in completing school education in India: Explaining geographical variations”, *Journal of Population Research*, Vol. 28(4), 2011: 325-352. DOI: 10.1007/s12546-011-9070-5.
14. (co-author) “Do slum dwellers have lower contraceptive prevalence rates? An analysis of current use patterns in Calcutta, India”, *Asia Pacific Population Journal*, December 2011, 26(4): 29-56.
15. (first author) “Self Help Groups and empowerment of women – Self-selection, or actual benefits?”, *Journal of International Development*, published online 2012, DOI: 10.1002/jid.2815. **IMPACT FACTOR** 0.716.

16. (first author) "Are women SHG members economically more empowered in left-run municipalities?", *Development in Practice*, 23(1), 2013: 107-122. DOI: 10.1080/09614524.2013.750644.
17. (first author) "Is health wealth? Results of panel data analysis", *Social Indicators Research*, published online 23 May, 2013. DOI: 10.1007/s11205-013-0337-4. **IMPACT FACTOR 1.264.**
18. (first author) "Ultra-modern contraception re-examined: Cultural dissent, or son preference?", *Asian Population Studies*, 9(3): 280-300, DOI:10.1080/17441730.2013.816480.
19. (second author) "Does health insurance ensure equitable health outcomes? An analysis of hospital services usage in urban India", *World Health and Population*, 14(4): 38-50.

Refereed National Journals = 13

1. (co-author) "Health Care Expenditure of Coal Mine Workers: A Case Study in West Bengal", *Journal of Health Management*, Sage Publishers, 5(1), 2003: 85-109.
2. (co-author) "Occupational Diseases and their Determinants: A Study Of Coal Mine Workers in West Bengal" *Management and Labour Studies*, XLRI, 28(3), 2003: 223-240.
3. (co-author) "Optimal Health Care Strategy in Coal Mines: An Economic Analysis" *Indian Journal of Occupational and Environmental Medicine*, 8(2), 2004: 38-49.
4. (co-author) "Occupational Diseases And Provisioning of Health Care: A Case of Market Failures In Coal Mining", *The Indian Journal of Labour Economics*, 47(2), 2004: 219-236.
5. (co-author) "Occupational Health Hazards in Coal Mining - A Case Study of Khottadih Project, West Bengal", *Arthabeekshan*, 14(1), 2005: 67-77.
6. (first author) "Privatising the Commons: A Critical Review of the Property Rights Paradigm", *International Journal of Environment and Development*, 1(1), 2004: 9-83-100.
7. "Analysing Demand for Primary Education: A case study of Muslim slum dwellers of Calcutta", *Economic & Political Weekly*, 8-14 January, 2005, XL(2): 137-148.
8. (co-author) "Economics of Conservation of Built Heritage: A CV Study of Some Heritage Sites of Calcutta", *Indian Economic Review*, XXXX(2), 2005: 221-243.
9. (first author) "Do Working Women Satisfice? Women Workers in the IT Sector", *The Indian Journal of Labour Economics*, 51(4), 2008: 731-746.
10. (first author) "Variations in PCR among Socio-Religious Communities: An Exploratory Analysis", *Economic & Political Weekly*, XLIV(15), 11-17 April, 2009: 59-67.

11. “Enrolment and Drop-outs of Muslims in West Bengal: Evidence from NSS 61st Round”, *Journal of Educational Planning and Administration*, 2009, XXII(4): 347-367.
12. “Wizards, Muggles and Economic Exploitation: Dependency Relations in the World of Harry Potter”, *Journal of Creative Communications*, 4(3), 2009:163-175.
13. “Health of the National Rural Health Mission: A Stock Taking”, *Economic and Political Weekly*, XLVI(4), 22 January 2011: 53-60.

Chapter in edited books = 6

1. (co-author) (2013) “Nabadiganta—A new horizon? Patriarchy, globalization and women’s agency in the IT sector” in Sarmila Banerjee & Anjan Chakrabarti (ed) *Development and sustainability: India in a global perspective*, Springer (India) Pvt. Ltd: 321-338. ISBN 978-81-322-1123-5.
2. (co-author) “Crime, deterrence and growth in post-liberalized India – An application of Seemingly Unrelated Regression Model” in D.N. Sarkar (ed.) *Theory and empirics of economics in the current perspectives*, 2011, Allied Publishers: 90-104.
3. (co-author) “Commercialization versus Preservation: A CV Study of South Park Street Cemetery” D.N. Narayan Sarkar (ed) *Second Generation Reforms: what is to be done?*, Allied Publishers, 2008: 121-133.
4. “Labour Allocation in an Embedded Choice Model: A study of fishermen's co-operatives of Calcutta” in Pushpam Kumar and Sudhakar Reddy (ed.) *Ecology and Well Being*, 2007, Sage Publishers: 253-272.
5. (first author) “Norms, Rules and Co-operation: The Creation of CPR Institutions” in Ratan Khasnobis ed. *Issues in Sustainable Development*, Dept of Business Management, University Grants Commission, 2003: 47-67.
6. (co-author) "CPR Institutions in West Bengal - An analysis of the environment-economy interface" in Jyoti Parikh ed. *Reconciling Environment and Economics*, Indira Gandhi Institute of Development & Research, 2003: 60-65.

Government Consultancies / Reports = 5

[a] Consultancies

1. Theme paper on “Social justice” for NCAER *Kerala: Vision 2030*, Perspective plan prepared for Govt. of Kerala, 2013.

[b] Government reports

2. Prepared chapters on Education, Government Programmes, Banking and Affirmative Action for Prime Minister’s High Level Committee, Govt. of India, “Social, Economic and Educational Status of Muslim Community in India: A report”: 2006.

3. Department of Minority Affairs & Madrasah Education, Govt. of West Bengal, “Employment Profile of Socio-Religious Communities in West Bengal”: 2008.
4. Ministry of Health & Family Welfare (Statistics Department), Govt. of India, “Improving Health Management Information System quality in Uttarakhand: A study of Rudraprayag and Uttarakhand”: 2011.
5. Ministry of Health & Family Welfare (Statistics Department), Govt. of India, “Health Management Information System quality in Uttarakhand: 2011-12 and 2012-13 data”: 2013.

Works in Progress

1. “Latent Class Analysis for Extreme Response Bias in Consumer Confidence Survey Data” (with Sunil Kumar Boughal and Diganta Mukherjee)
2. “Ultra-modern contraception re-examined: Cultural dissent, or son preference?” (with Mousumi Dutta & Saswata Ghosh).
3. “Who will play with me when my mother works? Impact of grandparental support on labour market outcomes of mothers” (with Mousumi Dutta).
4. “Gender discrimination in expenditure on education: Comparing individual and household outcomes” (with Charanjit Kaur)

SPONSORED RESEARCH/CONSULTANCY, GUIDANCE, WORKSHOPS

Sponsored Consultancy / Research:

[a] Consultancy

1. Preparation of theme paper on “Social Justice in Kerala”, for *Kerala Vision 2030*, Perspective Plan prepared by National Council of Applied Economic Research for Kerala State Planning Board, Govt. of Kerala, 2013.

[b] Sponsored Research

1. World Bank funded project “CPR Institutions in West Bengal—Analysing the Environment-Economy Interaction”, implemented by **Indira Gandhi Institute of Development Research**, October 1999-March 2001. Principal Investigator: Prof. Rabindra N. Bhattacharya.
2. “Spread of Primary Education amongst Low Income Muslims”, **Institute of Development Studies Kolkata**, January-June 2003.
3. **UGC Minor Research Project** “Evolution of CPR Institutions”, April 2001-March 2003.
4. “Access to Health Care Institutions in Calcutta”, with Dr. Saswata Ghosh and Dr. Bijoya Roy, funded by **Institute of Development Studies Kolkata**: November 2007 – April 2008.

5. “Employment Profile of Socio-Religious Communities in West Bengal”, commissioned by Dept. of Minority Affairs, Govt. of West Bengal: April – October 2008.
6. “Women, Work and Education: Women in Kolkata’s IT Sector”, with Mousumi Dutta, funded by **Rosa Luxemburg Stiftung**, Germany: April – December 2008.
7. “Women, Empowerment and the State: Enhancing Capabilities through Employment-Generation Schemes”, funded by **Rosa Luxemburg Stiftung**, Germany: January–December 2009.
8. “Monitoring HMIS in Delhi” assigned by Ministry of Health & Family Welfare, GOI, July 2010-April 2011.
9. “Improving HMIS quality in Uttarakhand: A study of Rudraprayag and Uttarakhand” assigned by Ministry of Health & Family Welfare, GOI, July-September 2011.
10. “HMIS quality in Uttarakhand” assigned by Ministry of Health & Family Welfare, GOI, April-June 2013.

Ongoing Projects

1. “Errors in HMIS in Uttarakhand” assigned by Ministry of Health & Family Welfare, GOI.

Research Guidance

1. Doctoral Guidance:

- a) Mahananda Kanjilal, “Municipal Services and Finances: A Study of Urban Local Bodies in West Bengal”, Netaji Subhash Open University, **awarded** 2011.
- b) Co-supervisor to Seram Rojesh Kumar, “The Political Economy of Manipur, 1949- 2010: A Sociological Study”, Sociology Department, Delhi University (Main Supervisor: Prof. Nandini Sundar).
- c) Joint supervisor to Antara Dhar, “Nature and determinants of employment among elderly in India: Analyzing recent changes”, Economics Department, University of Calcutta. December 2013.
- d) Main supervisor: Priyasha Das, “Child health and economic growth; A macro-level analysis”, Economics Department, University of Calcutta, to be registered.

2. **M.Phil Guidance:** Chandan Naskar, “Economic Growth and Environmental Responsiveness: A Cross Country Investigation”, Centre for Social Science and Humanities, Calcutta University, **awarded** in 2009.

3. Other supervision (PG level):

- a. Nidhi Chaudhuri, Economics Dept., Presidency University; 2012
- b. Sriparna Ghosh, Economics Dept., Presidency University; 2011

- c. Manashi Saha, Economics Dept., Presidency University; 2011
- d. Swagata Sarkar, Economics Dept., Presidency University; 2010.
- e. Sarah Fatima Husain, University of Michigan, Ann Arbor, USA; 2009
- f. Shreya Bhattacharya, CESP, Jawaharlal Nehru University; 2009

Conferences/Workshop Organized

1. National Conference on “Gender, Empowerment and the State”, December 2009, Institute of Development Studies Kolkata.
2. Workshop on “Empirical techniques in Economics: Theory and Training”, in collaboration with Economics Department, Calcutta University in October 2009, Institute of Development Studies Kolkata.
3. Workshop on “Structural Equation Models: Theory and Training”, in collaboration with Economics Department, Calcutta University in July 2009, Institute of Development Studies Kolkata.
4. Workshop on “Research Methodology and Field Survey” in September, 2003, Rabindra Bharati University.

SEMINAR / LECTURES PRESENTATIONS

Workshops attended and conference presentations: International

1. “Who will play with me when my mother works? Impact of grandparental presence on labour market outcomes of mothers”, in 10th Annual Conference on Growth and Development, Indian Statistical Institute, Delhi: 19-21 December 2013.
2. “Out of Pocket Expenditure and Health Infrastructure in Indian States”, in Session on Issues on Globalization and International Issues, 83rd Annual Meeting of Southern Economic Association, at Florida, USA: 23-25 November 2013.
3. “Does health insurance ensure equitable outcomes? Analysis of hospital service usage in urban India”, in 8th Annual International Conference on Growth and Development organized by Indian Statistical Institute, Delhi 17-19 December 2012.
4. “Ultra-modern contraception re-examined: Cultural dissent, or son preference?”, Second Conference of the Asian Population Association, 26-29 August 2012, Bangkok.
5. “Modern contraceptive use by illiterate women in India: Does proximate illiteracy matter?”, Conference of the Asian Population Association, 26-29 August 2012, Bangkok.
6. “Modern contraceptive use by illiterate women in India: Does proximate illiteracy matter?”, presented in European Population Conference on “Gender, Policies and

- Population” of European Association for Population Studies, 13-16 June 2012, Stockholm University, Stockholm, Sweden.
7. “Gender disparities in primary education across siblings: Is it higher in regions with low child sex ratios?” poster presentation in:
 - a. European Association for Population Studies on “Gender, Policies and Population” of European Population Association, 13-16 June 2012, Stockholm University, Stockholm, Sweden.
 - b. Second Conference of the Asian Population Association, 26-29 August 2012, Bangkok.
 8. “Modern contraceptive use by illiterate women in India: Does proximate illiteracy matter?”, in 7th Annual International Conference on Growth and Development organized by Indian Statistical Institute, Delhi 16-19 December 2011.
 9. “Regional variations in gender disparities in school education” in 6th Annual International Conference on Growth and Development organized by Indian Statistical Institute, Delhi 16-18 December 2010.
 10. “Is Health Status of Elderly Worsening in India? A Comparison of Successive Rounds of National Sample Survey Data” presented at session on “Disability Trends and Dynamics - International and Comparative Perspectives” in Annual Conference on Population Association of America, 31 March – 2 April 2011.
 11. Presented two papers at Asian Meta Centre Training Workshop on “Impact of Education on Health in Vulnerable Populations”, organized by College of Population Studies, Chulalongkorn University, Bangkok (14-16 February 2011):
 - a. “Contraceptive use among illiterates: Does proximate illiteracy matter?”
 - b. “Deterioration of self reported health status of elderly in India: Examining welfare implications”
 12. Presented a paper “Do Women Control Income from SHGs in Left Run Municipalities: A Study of SHGs in West Bengal, India” in Workshop on “Institutional Analysis” organized by The Ronald Coase Institute in collaboration with Economics Department, Xiamen University, in Xiamen, China from 13-18 December 2009.
 13. Participated in Workshop on “Market Access for Sustainable Development” at Centre for Development Initiative, Wageningen Internationale, 2-20 November 2009, under Netherlands Fellowship Programme.

Lectures, seminars and conference presentations: National

1. “Ēranings” (with Antara Dhar and Mousumi Dutta) in:

- a. Annual Conference on “G” organized by Economics Department, Burdwan University, 17-18 January 2014.
 - b. Annual Conference of Indian Society of Labour Economics, 14-16 December 2013, organized by CESP, Jawaharlal Nehru University, Delhi.
2. “Who will play with me when my mother works? Impact of grandparental presence on labour market outcomes of mothers”, in:
 - a. 50th Golden Jubilee Conference of the Indian Econometric Society, at Indira Gandhi Institute of Development Research, Mumbai: 22-24 December 2013.
 - b. 10th Annual Conference on Growth and Development, at Indian Statistical Institute, Delhi, 19-21 December 2013.
3. “Gender disparities in educational trajectories: Are girls becoming more robust at higher levels of education?” presented in Population Studies Unit, Indian Statistical Institute, Kolkata 25 June 2012.
4. “Gender disparities in completing school education in India: Explaining geographical variations” at National Conference on Econometrics and Development Statistics, Department of Statistics, Calcutta University, 9-10 February, 2012.
5. “Ultra-modern contraception re-examined: Cultural dissent, or son preference?”, in First Annual Conference on Indian Health Economics & Policy Analysis, Institute of Economic Growth, 18-19 November 2011.
6. “Do slum Dwellers have lower contraceptive rates? A study of slum-dwellers of Kolkata”, in Conference on Education and Health: Issues in Exclusion, Economics Department, Calcutta University, 10-11 February 2010.
7. “Do SHGs empower women? Evidence from the field”, in National Conference on Gender, Women and the State, Institute of Development Studies Kolkata, 10-11 December 2009.
8. “Variations in PCR among Socio-Religious Communities: An Exploratory Analysis”, in Conference on Human Development, Centre for Development Studies, Trivandrum, 24-25 January, 2009.
9. “Do Working Women Satisfice? Women Workers in the IT Sector”, in Annual Conference of The Indian Association of Labour Economics, 13-15 December, 2008, Lucknow.
10. “Do Working Women Satisfice? Women Workers in the IT Sector”, in Conference on International Competitiveness and Inclusive Development, UNCTAD and Centre for Development Studies, Trivandrum, 20-21 October, 2008.
11. Discussant in consultative workshop on “Gender Factors affecting Education of Girls in Mumbai and Ahmedabad” organised by Vacha Women’s Resource Centre, Mumbai and Centre for Social Knowledge and Action, Ahmedabad on 24- 25 March 2006.

12. "Wizards, Muggles and Economic Exploitation: Dependency Relations in the World of Harry Potter", at the British Council, 29 July 2005.
13. "Labour Allocation in an Embedded Choice Model: A study of fishermen's co-operatives of Calcutta", in Fourth Biennial Conference on Ecology and Well Being, organised by the Indian Society for Ecological Economics, at Indira Gandhi Institute of Development Research, Mumbai: 3-4 June, 2005.
14. "Taxes and Microeconomic Theory" in invited lecture before Economics Department, Bethune College: 27 April, 2005.
15. "Labour Allocation in an Embedded Choice Model: A study of fishermen's co-operatives of Calcutta", in International Conference on Environment and Development, School of International Studies, Jawaharlal Nehru University, New Delhi: 7-8 April, 2005.
16. "Gradation of Built Heritage of Calcutta: An Application of Multi Criteria Decision Making Analysis", in International Conference on Environment and Development, School of International Studies, Jawaharlal Nehru University, New Delhi: 7-8 April, 2005. [Co-author]
17. "Gradation of Built Environment of Calcutta: An application of MCDM Analysis", in Seminar on Valuation and Management of Environment, Dept of Business Management, Calcutta University: 12 March, 2005. [co-author]
18. "Sustainable Development: Evolution of the Concept", in invited lecture in Seminar on Issues in Sustainable Development, in Sri Sikshayatan College: September, 2004.
19. "Development and Its Impact on Bio-diversity", National Seminar on Disaster and its Management, Krishnagar Govt. College, 16-17 April 2004.
20. "How Common are Common Pool Resources" in Conference on Sustainability, Poverty and Environmental Degradation, organised by Dept of Business Management, Calcutta University, 19 March 2004.
21. "Untapped demand for Heritage Tourism: A CV study of Prinsep Ghat" in Conference on Economic Methods and Models, organised by Indian Statistical Institute, 16-17 January 2004.

Teaching Assignments (Guest Faculty)

1. Lectured on Multivariate methods in Social Science (Exploratory Factor Analysis, Discriminant Analysis and Structural Equation Model) to Ph.D./M.Phil students, Economics Department, University of Calcutta, February-March, 2013.
2. Lectured on "Demand Estimation" and "Some Applications of Non-Parametric Econometrics to Poverty Estimation", Presidency University, March-April, 2013.

3. Lectured on “Applied Econometrics with STATA”, Economics Department, Presidency University, on 29 November 2012.
4. Lectures on “Limited Dependent Variable Models” and “Graphical Methods in Stata”, Economics Department, Presidency University, March 2012.
5. Lecture on “Panel data analysis” in Workshop on Time Series and Cross Section Analysis, organized by Economics Department, Presidency University, in collaboration with Reserve Bank of India and ICSSR (Eastern Region) 13 September 2011.
6. Lecture on “Discriminant Analysis” in Workshop on Advanced time series and panel data analysis, Department of Economics, Presidency University, 18 February 2011.
7. Lecture on “Theory and Application of Structural Equation Models”, in “Workshop on Reliability and Structural Equation Modelling in Psychological Research” organized by Psychological Research Unit, Indian Statistical Institute, Kolkata on 24 March 2010.
8. Lectured on “Factor Analysis” in “Empirical techniques in Economics: Theory and Training Workshop”, in collaboration with Economics Department, Calcutta University in October 2009, Institute of Development Studies Kolkata.
9. Lectured on “From Factor Analysis to Structural Equation Models” in “Structural Equation Models: Theory and Training Workshop”, in collaboration with Economics Department, Calcutta University in July 2009, Institute of Development Studies Kolkata.
10. Lectured PG students on “Computer Applications in Environmental Economics” by Economics Department, Calcutta University between February-May 2007.
11. Guest Faculty, Economics Department, Calcutta University: 2001-2008.

Lectures in Faculty Upgradation Workshops

1. Lectured on “Long term growth and dynamics of regional economics” in UGC sponsored Refresher Course on “Regional development” organized by Economics Department, Calcutta University, 19 January 2014.
2. Lectured in ICSSR sponsored Research Methodology and Training Workshop on “Applied Economics”, Economics Department, Jamia Millia Islamia, New Delhi, 29 November-2 December 2013:
 - a. Multivariate Regression Analysis with Stata
 - b. Limited Dependent Variable
 - c. SPSS Software: Introduction
 - d. Working with the NFHS Data Set
3. Lectured in Faculty Upgradation Workshop, Economics Department, Calcutta University on “Analyzing Demographic Health Survey data” on 19-24 March 2013.

4. Lectured in Refresher Course on Globalization and Sustainability at Economics Department, University of Calcutta on “R&D in Pharmaceutical Industries” on 11 February 2013.
5. Lectured in Refresher Course on Environment and Development at Jamia Millia Islamia, Delhi on “Economic growth, development and environment: The Environment Kuznets curve” on 21 July 2012.

Lectures in Training Programmes

1. Lectured IES Probationary Officers, batch 2012, on “Muslim Community in India” at Institute of Economic Growth.
2. Lectured IES Probationary Officers, batch 2012, on “Education and Development” at Institute of Economic Growth.
3. Lectured IES Probationary Officers, batch 2011, on “Muslim Community in India” at Institute of Economic Growth on 9 March 2011.
4. Resource person in training of health personnel in District-level Training Workshops on ‘Mother Child Tracking Systems’ organized by Delhi State Health Mission (August-November 2010).
5. Lectures on “Measuring Discrimination between Groups” and “Panel Data Analysis” in Workshop on “Software Application in Applied Economics”, Department of Economics, Presidency College, 20 March 2010
6. Lectured IES Probationary Officers, batch 2010, on “Measuring discrimination” and “Muslim Community in India” at Institute of Economic Growth.

MISCELLANEOUS

Reviewer

Ecological Economics, Empirical Economics, Journal of Population Ageing, Community Development, Journal of Health Care for Poor and Underserved, Educational Research, International Journal of Global Environmental Issues.

Other relevant experience

1. Invited as an expert in ‘Annual Research Scholars’ Workshop’ organised by National University of Educational Planning and Administration, Delhi, from 19-20 February, 2013.
2. Member, **State Planning Board**, Govt. of West Bengal: April 2007-May 2011.

3. Conversant with following packages: STATA, SPSS, Lisrel, Limdep, Microfit, Foxpro, Access, CS Pro.
4. **Membership of International Bodies:** International Society for Ecological Economics, International Union for the Scientific Study of Population, European Population Association, Asian Population Association.
5. **Membership of National Bodies:** Indian Health Economics & Policy Association, India Society for Ecological Economics.

Dated: 27 January 2014.

ZAKIR HUSAIN