

Dr. Barsharani Maharana

Assistant Professor
Department of Business Analytics
K J Somaiya Institute of Management
Somaiya Vidyavihar University, Vidyavihar (East), Mumbai- 400 077.

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Subjects Teaching: Business Statistics, Quantitative Techniques, Research Methodology and Data Analysis.

EDUCATION

- **Postdoctoral Fellow**, International Institute for Population Sciences, Mumbai.
- **Ph.D.** in Population Studies, International Institute for Population Sciences, Mumbai.
- **Masters of Population Studies**, International Institute for Population Sciences, Mumbai.
- **Masters in Statistics**, Sambalpur University, Orissa (Specialization Bio- statistics).
- **Bachelor in Computer Applications**, Sambalpur University Orissa.

WORK EXPERIENCE

ACADEMIC

- Position holding: Assistant Professor, K J Somaiya Institute of Management, Somaiya Vidyavihar University, Mumbai – 400077. (January 2022-)
- Position held: Assistant Professor, Chetana’s Institute of Management and Research, Bandra (East), Mumbai – 400051. (June 2018 – January 2022)

RESEARCH

Funded Projects:

- Senior Project Officer: National Family Health Survey - 4 funded by United States Agency for International Development and MoHFW - Govt. of India (January 2016 – December 2017).
- Research Officer: UNFPA funded project on “Training of Mid-Level Programme Managers in Maharashtra, India” (April 2010 – December 2010).
- Research Officer: National Institute of Alcohol Abuse and Addiction, Washington D.C. funded project on “Alcohol, Sexual Health Risk and HIV Prevention in Mumbai, India. (February 2009 – March 2010)
- Research Officer: MoHFW, Govt. of India funded project on “Are the urban poor doing better than their rural counterparts? A comparative study on the basis of development parameters”. (July 2008 – February 2009)

RESEARCH PAPERS PUBLISHED

- Topic: How Does the Change in Household Age-Sex Composition Affect out of Pocket Healthcare Expenditure of Older Adults in India?
Publisher: **Springer (Scopus Indexed)**
Journal: Ageing International, 2021, ISSN 1936-606X
Authors: **Barsharani Maharana & Laishram Ladusingh**
- Topic: Factors Influencing Consumers' Buying Decision in Indian Trade Show: Evidence from Mahalaxmi Saras Exhibition, Mumbai
Publisher: International Knowledge Sharing Platform (IISTE)
Journal: Journal of Marketing and Consumer Research, Volume 79, 2021, pp 43-49, ISSN 2422-8451
Authors: Madhumita Patil, Jayashree Bhakay & **Barsharani Maharana**
- Topic: Widening Gender Disparity in Household Health Expenditure in India and its States, 1999-2010
Publisher: Indian Association for the Study of Population (IASP)
Journal: Demography India, Issue 1, 2020, pp 140-151, ISSN 0970-454X.
Authors: **Barsharani Maharana**
- Topic: How Sustainable is the Familial Support of Elderly in Asia?
Publisher: **Springer**
Journal: Journal of Population Ageing
DOI: 10.1007/s12062-017-9192-4, Published on 16 July, 2017
Print ISSN: 1874-7884
Online ISSN: 0167-5923
Authors: Laishram Ladusingh & **Barsharani Maharana**
- Topic: Determinants of Alcohol Use, Risky Sexual Behavior and Sexual Health Problems Among Men in Low Income Communities of Mumbai, India
Publisher: **Springer (Scopus Indexed)**
Journal: Aids & Behavior, Volume 14, Supplement 1, August 2010.
Authors: S. K. Singh, Jean J. Schensul, Kamla Gupta, **Barsharani Maharana**, David Kremelberg & Marlene Berg
- Topic: Women's Empowerment and Use of Contraception in India: Macro and Micro Perspectives Emerging from NFHS-4 (2015-16)
Publisher: **Elsevier (Scopus Indexed)**
Journal: Sexual & Reproductive Healthcare, Volume 19, 2019.
Authors: S.K. Singh, Bhawana Sharma, Deepanjali Vishwakarma, Gudakesh Yadav, Swati Srivastava & **Barsharani Maharana**
- Topic: Gender Disparity in Health and Food Expenditure in India among Elderly
Publisher: **Hindawi Publishing Corporation**
Journal: International Journal of Population Research, Volume: 2014/150105.
Authors: **Barsharani Maharana & Laishram Ladusingh**
- Topic: Factors Affecting Patterns of STI/HIV in Four High Prevalence States in India: An Epidemiological Exploration
Publisher: Population, Reproductive and Child Health Perspectives and Challenges, IASP Conference proceedings, 2012.
Authors: S. K. Singh, Nidhi Sharma & **Barsharani Maharana**

- Topic: Correlates of Spontaneous and Induced Abortion in India: An Investigation Using A Nationwide Large Scale Survey Data
 Publisher: Demographic Institute, University of Indonesia.
 Journal: Journal of Population, Vol. 16(1), 2010.
 Author: **Barsharani Maharana**
- Topic: Community Well-being and Infant Mortality in Orissa, India
 Publisher: **Demographic Institute, University of Indonesia**
 Journal: Journal of Population, Vol.14(1),2008.
 Authors: **Barsharani Maharana** & Laishram Ladusingh
- Topic: Household Age Composition and Household Expenditure for Food and Healthcare in India
 Publisher: The Society for Scientific Aptitude
 Journal: Social Science Spectrum, Vol.2, No.2, June 2016, pp 90-104, ISSN 2454-2806.
 Authors: **Barsharani Maharana** & Laishram Ladusingh
- Topic: Transition in Childhood Malnutrition in India: Evidence from Various Cross-sectional Surveys conducted during 1998 to 2013
 Publisher: OPAST Group LLC, Overland Park, The U.S. state of Kansas.
 Journal: Advances in Nutrition & Food Science
 Authors: S. K. Singh, Gudakesh Yadav, **Barsharani Maharana** & Swati Srivastava
- Topic: Abortion Decision Making in India: Whose Role is Vital?
 Publisher: The Society for Scientific Aptitude
 Journal: Social Science Spectrum, Vol.2, No.4, December 2016, pp 263-274, ISSN 2454-2806.
 Author: **Barsharani Maharana**
- Topic: Barriers and Opportunities for Universal Health Coverage in India: Evidence from District Level Households Surveys in Demographically Developed States
 Publisher: Indian Association for the Study of Population (IASP)
 Journal: Demography India, Vol.5, Issue 1&2, 2016, pp 17-30, ISSN 0970-454X.
 Author: S.K. Singh, K.K. Singh, Bhawana Sharma, Jitendra Gupta, Y. Vaidehi & **B. Maharana**

RESEARCH PAPER UNDER PUBLICATION

- Topic: What explains the rural urban gap in use of hygienic methods of Menstrual protection among youth in east Indian state of Bihar. Author: Barsharani Maharana, Journal: Indian Journal of Community Medicine

RESEARCH PAPER UNDER REVIEW

- Submitted paper entitled "What explains the decline in infant mortality in demographically underdeveloped states in India? The case of Uttar Pradesh and Madhya Pradesh" to *Economic & Political Weekly*.

RESEARCH PAPERS PRESENTED IN SEMINARS/ CONFERENCES (ABROAD)

- Presented paper entitled “What explains the Rural-Urban Gap in Use of Hygienic Methods of Menstrual Protection among Youth in the East Indian State of Bihar?” at the XXIXth IUSSP International Population Conference held online, during December 5-10, 2021.
- Presented paper entitled “Disparity in healthcare expenditure between elderly widows and widowers in India, 1999-2010” at the XXVIIIth IUSSP International Population Conference held at Cape Town, South Africa, during October 29-November 4, 2017.
- Presented paper entitled “Abortion decision making in India and it’s states: Whose role is crucial? An investigation using a nationwide large scale survey data” at the XXVIIIth IUSSP International Population Conference held at Cape Town, South Africa, during October 29-November 4, 2017.
- Presented paper entitled “Widening Gender Disparity in Household Health Expenditure in India and Its States, 1999-2010” at the Annual Meeting of Population Association of America (PAA) held at Washington-DC during March 31-April 2, 2016.
- Presented paper entitled “How sustainable is the familial support of elderly in Asia?” at the Annual Meeting of Population Association of America (PAA) held at Washington-DC during March 31-April 2, 2016.
- Presented paper entitled “Widening gender disparity in familial expenditure in India and its States, 1999-2008” at the Annual Meeting of Population Association of America (PAA) held at Washington-DC during March 31-April 2, 2016.
- Presented paper entitled “Changing age composition and implication on health expenditure in India” at the 3rd Asian Population Association (APA) Conference held at Kuala Lumpur, Malaysia during July 27-30, 2015.
- Presented paper entitled “Gender disparity in health and food expenditure in India among elderly” at the 2nd Asian Population Association (APA) Conference held at Bangkok, Thailand during August 26-29, 2012.
- Presented paper entitled “Correlates of spontaneous and induced abortion in India: An investigation using a nationwide large scale survey data” at the Annual Meeting of Population Association of America (PAA) held at Washington-DC during March 31-April 2, 2011.
- Presented paper entitled “Tracking of Millennium Development goals by districts in India” at the Annual Meeting of Population Association of America (PAA) held at Washington-DC during March 31-April 2, 2011.
- Presented paper entitled “Impact of community well-being on infant mortality in a demographically backward state in India”, at the XXVIth IUSSP International population Conference held at Marrakech, Morocco during September 27 – October 2, 2009.

RESEARCH PAPERS PRESENTED IN SEMINARS/ CONFERENCES (INDIA)

- Presented paper entitled “Tracking Sustainable Development Goal to Ensure Availability of Safe Drinking Water” at the International Conference on A Water Secure World held at Chetana’s Institute of Management and Research, Mumbai on January 18, 2020.
- Presented paper entitled “Changing age composition and regional variations in household healthcare expenditure pattern in India” at the National Seminar on Population Dynamics in India and its Implications on Health and Environment held at NIRD & PR, Hyderabad during March 07-09, 2019.

- Presented paper entitled “Changing Elderly Population Composition and Implication on Health Care Expenditure in India” at the International Conference on Business Agility: Capabilities and Insights held at Chetana’s Institute of Management and Research, Mumbai on January 19, 2019.
- Presented paper entitled “Widening disparity in healthcare expenditure between elderly widows and widowers in India” at the national seminar of International Institute for Population Sciences held at Nagpur, Maharashtra during March 18-19, 2016.
- Presented paper entitled “Gender inequality in household health expenditure in India” at the 12th Indian Association for Social Science and Health (IASSH) Conference held at Lucknow University, Lucknow during November 21- 23, 2014.
- Presented paper entitled “Gender disparity in health and food expenditure in India among elderly” at the 9th Indian Association for Social Science and Health (IASSH) Conference held at Tata Institute of Social Science, Mumbai during November 24- 26, 2011.
- Participated in the “First International Conference on Alcohol and HIV in India”, organized by National Institute of Alcohol abuse and Alcoholism, Institute for Community Research and International Institute for Population Sciences, held at Mumbai during 1-4 August, 2009.
- Presented paper entitled “Maternal nutritional status and neonatal mortality in India: Evidence from NFHS-3”, at the XXXth National Seminar of IASP held at ISEC, Bangalore during 17-19 October, 2008.

WORKSHOPS/FDPs

- Attended a Five-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council of Technical Education during April 26-30, 2021.
- Attended a Three-day workshop on formal write-up and finalization of the chapters for the draft report of “Youth in India: A NFHS based study” project funded by UNFPA at International Institute for Population Sciences, Mumbai during December 20-22, 2019.
- Attended Training workshop on “Social Media, Big Data and Digital Demography” at the XXVIIIth IUSSP International Population Conference held at Cape Town, South Africa, during October 29- November 4, 2017.
- Attended a Two-day workshop on “Research Methodology” at Rizvi Institute of Management Studies & Research, Mumbai during February 25-26, 2019.

AREAS OF RESEARCH INTEREST

Mathematical Demography, Business Analytics, Ageing, Health Economics, Mortality, Maternal & Child Health, Nutrition and Gender issues, Population Policies and Programmes.

LARGE SCALE DATA ANALYSIS SKILL

- National Sample Survey
- National Family Health Survey
- District Level Household and Facility Survey
- India Human Development Survey

SOFTWARE SKILLS

SPSS, STATA, R, MI-Win, Mortpak, Spectrum, GIS

AWARDS & FELLOWSHIPS

- Awarded by **Best Paper Award** in International Conference on A Water Secure World held at Chetana's Institute of Management and Research, Mumbai on January 18, 2020.
- Awarded by **Youth Best Paper Award** in ninth annual conference of Indian Association for Social Sciences & Health held at Mumbai, India during 24-26 November, 2011.
- Junior Research Fellowship (**JRF**) offered by U.G.C., Ministry of Human Resources and Development, Govt. Of India for Ph.D. work in the area of Population studies in April 2010.
- Qualified National Eligibility Test (**NET**) conducted by U.G.C. in 2009 & in 2010.
- Awarded by Dr. C. Chandrasekharan **Gold Medal** for securing first position in the Diploma in Population Studies at International Institute for Population Sciences, Mumbai, 2008.
- **IUSSP** fellowship to attend "XXVIII IUSSP International Population Conference" during 29th Oct – 4th November, 2017 at Cape Town, South Africa.
- **PAA** fellowship to attend "The annual meeting of Population Association of America" during March 31 – April 2, 2011 at Washington, DC, United States of America.
- **APA** fellowship to attend "3rd Asian population Association Conference" during 27th – 30th July, 2015 at Kuala Lumpur, Malaysia.
- **APA** fellowship to attend "2nd Asian population Association Conference" during 26th – 29th August, 2012 at Bangkok, Thailand.
- **IUSSP** fellowship to attend "XXVI IUSSP International Population Conference" during 27th September – 2nd October, 2009 at Marrakech, Morocco.
- **IIPS** fellowship to attend "National Seminar on Population & Development: Issues & Challenges in 21st Century" during 18th – 19th March 2016 at Nagpur, India.
- **IASSH** fellowship to attend "Twelfth Annual Conference of Indian Association for Social Science Health" during 21st – 23rd November, 2014 at University of Lucknow, India.
- **IASP** fellowship to attend "The XXXth National Seminar of Indian Association for the Study of Population" during 17-19 October, 2008 at Institute of Social & Economic Change, Bangalore.

PROFESSIONAL AFFILIATION

- Member of the International Union for Scientific Studies in Population 2021-2022.
- Student Associate Member of the International Union for Scientific Studies in Population 2017-18.
- Student Member of Asian Population Association 2012, 2015.
- Student Member of Population Association of America 2011.
- Student Associate Member of the International Union for Scientific Studies in Population 2009-10.
- Member of Indian Association for Studies in Population.
- Life Member of International Institute for Population Sciences Alumni Association.

ACADEMIC VISITS

IUSSP Morocco (2009)
Population Association of America, Washington, DC. (2011)
East-West Center, Hawaii, USA. (2011)
Asian Population Association, Thailand (2012)
Asian Population Association, Malaysia (2015)
IUSSP, Cape Town, South Africa (2017)

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