


Research Profile of Dr. M. N. Megeri, Professor, Department of Statistics, Karnatak Science College, Dharwad

1	Name	:	Dr. Mahadevappa N. Megeri	
2	Qualification	:	M.Sc.–1991:Statistics P.G.D.C.A.-1992-Comp.Languages Ph.D.-2004- Statistics	
3	No. of Research Projects	:	01 –Major Research Project entitled “ Growth and Distribution of Urbanization in India: Application of Statistical Models. ” With financial assistance of Rs.6,51,800.00 is submitted to UGC New Delhi on 18/10/2012	
4	Addressfor correspondence	:	Professor, Department of Statistics, Karnatak Science College, Dharwad.	
5	Computer Knowledge	:	Computer Languages: Statistical software–SPSS, R-programming, MS-Excel etc.	
6.	Teaching Experience	:	:31years	
7.	Administrative Experience : 11 years 1. Joint Nodal Officer for digital fluency and SPOC of Karnatak University Dharwad. 2. Head, Dept. of Statistics, Karnatak Arts College, Dharwad for four years (2014-2016 and 2018-2020) 3. Co-ordinator for Computer Application Department at Karnatak Arts College, Dharwad for Seven years (2013 to 2020)			
8.	Numberofpaperspublished	:	:37(International-27,National–7,Proceedings-3)	
9.	Area of Research	:	Demography – Urbanization, Migration, Population forecasting, Biostatistics	
9.	Numberofconference/ seminar/ workshops	:	:42(30-presented,12-attended)	
10.	Numberofconference(chaired thesession)	:	:05	
11.	NumberofInvitedtalksgiven	:	:09(Academicstaffcollege–4,workshop–4)	
12.	Member of Board of Studies	:	: 12 (Universities and Autonomous Colleges)	
13.	NumberofStudentsGuiding forPh.D.	:	: 03 (Registeredand coursework Completed)	

1. Pooja R. Pagad – A Study of Statistical Modelling on Urbanization and Economic Development in Different Regions of India, 05-12-2019.	
14. Number of Ph. D. awarded	: 04
1. Dr. Prakash R, Kengnal awarded Ph, D, 04-02-2016 on the topic The Process of Urbanization and Development: Application of Statistical models. 2. Dr. Manojkumar G. – awarded the Ph. D. on 14-07-2018 on the topic A Statistical Analysis of Modelling of Internal Migration and its implication on Urban and Rural India. 3. Dr. HucheshBudihal awarded Ph. D. on 26-12-2019 on the topic A Demographic analysis of Mortality on infectious Diseases : A special reference to India 4. Dr. Bheemanna- Awarded the Ph. D. on 19-04-2024 on the topic Statistical Modelling and Forecasting of Socio-Demographic and Economic Phenomenon of Indian Population.	
14. MemberofProfessional Bodies	:07(International-03, National–04)

1. InternationalBio-metricSociety,1444, IStreet,NWSuite700,WashingtonDC,U.S.A.
2. LifeMemberofInternationalUnionforScientificStudyofPopulation(IUSSP)from2005, USA
3. MemberPopulationReferenceBereau,U.S.A
4. Lifer member of Indian Association for Study of Population.
5. LifememberofIndianAssociationforSocialScienceandHealth(IASSH).
6. LifeMemberofRegionalScienceAssociation,Kalkotta from2009.
7. LifeMembertheAcademyofScience,Dharwad.

List of Research Publications

1.	Growth pattern of Indian Chemical Science literature: A Scientometric analysis. <i>Collnet Journal of Scientometrics and Information Management</i> , 2(1) , 2008, pp 99-110(Taylor and Francis Journal).
2.	Growth of Cities in India : Application of Pareto distribution <i>Demography India</i> , 38(1) , 2009, pp135-151.
3.	Projection of Urban Population of India and China. edited book on Challenges of Urbanization in the 21 st Century, Vol 4., 2011. Edited by Kalpana Markadey, B. Srinagesh and Ashok Kumar Lanavath (ISBN -13: 978-81-8069-95-1)
4.	Statistical Analysis of Air Pollution and Health: Application to Indian Data, <i>Journal of Energy, Environment and Carbon Credits</i> , 2(2) , 2012. (ISSN : 4449-8621).
5.	Growth and Decline of class of cities in India as a Probability Process, <i>Thematic Journal of Applied Sciences</i> , 1 (1) , 2012. (ISSN 2277-3037)
6.	Measures of Urbanization in India : A Statistical Analysis, <i>International Journal of Agricultural and Statistical Science</i> , 8(2) , pp. 686-896, 2012. (ISSN 0973-1903)
7.	Scientometric analysis of Genetics literature, <i>Collnet Journal of Scientometrics and information Management</i> , Vol. 7(2), Dec. 2013, pp. 173(Taylor and Francis Journal)
8.	Estimation and Projection of Urban Population of India and China, <i>Research and Review: Journal of Statistics</i> , 2(2) , 2013.
9.	Impact of lagged urbanization on the process of Urbanization in India, <i>International Journal of Statistics and Application</i> , 3 (1) , 2013.
10.	A study of Econometric Relationship between Urbanization and Service Sectors in India, published in edited book <i>Application and Role of Statistics in Multi-Disciplinary Research</i> , 2014. (ISBN : 978-81-7844-173-3)
11.	Mahadevappa Nagappa Megeri and Prakash Ravtappa Kengnal, Estimation and Projection of Urban population: Tests of Forecast Accuracy and Bias, <i>Journal of Asian Profile</i> , 42 (1) , 2014. (ISSBN 03048675).

12.	Multivariate analysis for the Water quality assessment in Rural and Urban vicinity of Krishna River (India), <i>Asian Journal of Water, Environment and Pollution</i> , 12(3) , 2015.
13.	Regression Analysis of Urbanization and Social Polarization, <i>International Journal of Recent Scientific Research</i> , 6(8) , pp.5922-5926, 2015
14.	ECONOPHYSICS MODEL FOR THE MIGRATION: A Case of Karnataka, <i>International Journal of Sciences, Engineering and Technology</i> , 5(2) , 2016.
15.	Demographic Transition and Economic Development in Karnataka: <i>Journal of Quantitative Economics</i> , 2016, 16(1) , 173-183. (Springer Journal).
16.	Econometric Study of Urbanization and Economic Development, <i>Journal of Statistics and Management System</i> , 19(5) , pp 633-650. 2016. (Taylor and Francis Journal)
17.	Dynamic Econometric Relationship between Migration and Urbanization in India, International Journal of Statistics and Systems , 12(1) , pp 43-55.
18.	A Statistical Analysis of Trends in Mortality from Major infectious diseases of Global burden, 1991-2015. <i>International Journal of Current Research and Review</i> , 9(12) , 2017, pp.32-38.
19.	Trends and Estimates of Internal Migration in India,. <i>Indian journal of Regional Science</i> , 49(1) , 2017, pp. 145-155.
20.	Rural-Urban Migration and Economic Growth in India an ARDL Bound testing and causality approach, <i>International Journal of Ecological Economics and Statistics</i> , 38(3) , 2017,
21.	Rural-Urban Migration and Development in India : A Simultaneous equation approach, <i>Asian Profile</i> , 46(1) , pp. 29-38, 2018.
22.	Join point Regression analysis of Mortality Trends from Major Infectious in India, 1990-2015, <i>International Journal of Agricultural and Statistical Science</i> , 14(1) , pp 49-57, 2018.
23.	Statistical Modelling on the Impact of Migration and Urbanization on Agriculture Production in India, <i>International Journal of Agricultural and Statistical Science</i> Vol. 15(1) , pp. 103-109, 2019.

24.	The Study intestinal Infectious diseases in India : Application of Exponential Probability Distribution , <i>International Journal of Ecological Economics and Statistics</i> , Vol. 40(3) , 2019.
25.	Growth and Distribution of Socio-Demographic and Economic Variable in India using time series trend models, <i>International Journal of Ecological Economics and Statistics</i> , 43 (3) , 88-105, 2022.
26	Forecasting of Population and Economic Characteristics with Arima Models in India., <i>International Journal of Agricultural & Statistical Sciences</i> , 19 (2) , 2023.
27	Estimation and Forecasting of Urban Population of Male and Female for Different Regions of India Using Growth Models, <i>Ecological economics and statistics</i> ,44, 1-23, 2023
28	Forecasting of Population and Economic characteristics with ARIMA Models in India, <i>International Journal of Agricultural and Statistical Science</i> , 19 (2) , 513-25, 2023
29	Forecasting of Demographic and Economic Variables in India using Fuzzy Time Series Model, <i>International Journal of Research in Engineering and Science</i> , 11 (2) , 44-55, 2023.
30	Factors Influencing on Transmission of Maleria in India : Application of Negative Binomial Distribution, <i>International Journal of Research in Engineering and Science</i> , 11 (2) , 136-141, 2023
31	Forecast of Demographic variable using the ARIMA Model in India, <i>International Journal of Statistics and Applied Mathematics</i> , 8 (5) , 1009-1018, 2023.
32	Estimation of HIV/AIDS Co-infection and HIV / AIDS in India : <i>Application of truncated distribution</i> , <i>International Journal of Statistics and Applied Mathematics</i> , 8 (4) , 351-361, 2023
33	Prediction of India's Demographic and Economic variables using the neural network auto-regression model, <i>International Journal of Statistics and Applied Mathematics</i> , 8 (3) , 574-582, 2023.
34	Urbanization impacts on health of metro cities in India, <i>International Journal Statistics and Applied Mathematics</i> , 9(S1) ,380-386. 2024.
35	An Inflated Probability Model for the Out-Migration: A case study in Karnataka <i>International Journal of Research in Engineering and Science</i> Vol. 12(6), 2320-9356, 2024.
36	Elimination of Major Infectious diseases and gain in life expectancy in India”, 53(1), 62-74, 2024.

37	An application of theoretical probability Distributions to the study of Ambient Air Pollutants in Bandra, Mumbai", 9(3), 96-104,2024
	List of Board of Study members
1.	UG BOS Member at Karanatak State Women University, Bijapur 2008-09
2.	UG BOS Member at Karanatak State Women University, Bijapur 2009-10
3.	UG BOS Member at P. C. Jabin College, Hubli (Autonomous College) – 2011-12
4.	UG BOS Member at P. C. Jabin College, Hubli (Autonomous College) – 2012-13
5.	UG BOS Member at Lingaraj College, Belgaum (Autonomous College) – 2017-18
6.	UG BOS Member at P. C. Jabin College, Hubli (Autonomous College) – 2018-19
7.	UG BOS Member at Lingaraj College, Belgaum (Autonomous College) – 2018-19
8	UG BOS Member at P. C. Jabin College, Hubli (Autonomous College) – 2019-20
9.	UG BOS in Statistics at Karnatak University Dharwad -2019-20 (Co-opt. Member)
10	UG BOS in Statistics at Karnatak University Dharwad -
11	UG BOS Member at P. C. Jabin College, Hubli (Autonomous College) – 2020-21
12	UG BOS Member at P. C. Jabin College, Hubli (Autonomous College) – 2021-22
13	UG BOS Member at P. C. Jabin College, Hubli (Autonomous College) – 2022-23
14	UG BOS Member at Gulbarga University, Kalaburagi -2022-23
15	UG BOS Member at P. C. Jabin College, Hubli (Autonomous College) – 2023-24
16	UG BOS Member at Karnatak University Dharwad – 2023-24
17	UG BOS Member at Gulbarga University, Kalaburagi -2023-24

Research guidance	
	<ol style="list-style-type: none"> 1. Dr. Prakash R, Kengnal awarded Ph, D, 04-02-2016 on the topic The Process of Urbanization and Development: Application of Statistical models. 2. Dr. Manojkumar G. – awarded the Ph. D. on 14-07-2018 on the topic A Statistical Analysis of Modelling of Internal Migration and its implication on Urban and Rural India. 3. Dr. HucheshBudihal awarded Ph. D. on 26-12-2019 on the topic A Demographic analysis of Mortality on infectious Diseases : A special reference to India 4. Bheemanna - Awarded the Ph. D. on 19-04-2024 on the topic Statistical Modelling and Forecasting of Socio-Demographic and Economic Phenomenon of Indian Population.

6Details of papers presented in. Seminars / Conferences, etc. which are not covered under Category 3.1.3

***Invited lectures/Resource Person/paper presentation in Seminars/ Conferences/full paper in Conference Proceedings (Paper presented in Seminars/Conferences and also published as full paper in Conference Proceedings will be counted only once) (Attach proof)**

Title of the Article	First/Corresponding author	Co-Author(s)	Programme Name	Organizer	Date	Level: International / National / Regional /
1. Chaired a session Youth Best Paper Presentation	Dr. M. N. Megeri		Eighth Annual Conference of IASSH on Health Gender and Inclusion Development	S. V. University, Tirupati	11-13, February, 2011	Intentional
2. Chaired a session Youth Best Paper Presentation	Dr. M. N. Megeri		Ninth Annual Conference of IASSH on Health Gender and Inclusion Development	Tata Institute of Social Science (TISS), Mumbai	24-26, November, 2011	Intentional
3. Two invited lecturers Statistical	Dr. M. N.		U.G.C. sponsored Workshop	Department of Statistics,	29 -30,	National

Tools In research: Hands on Experience with Statistical Software.	Megeri			Veerashaiva College, Bellary.	March, 2012.	
4. Invited on Labour and Emploment Statistics	Dr. M. N. Megeri		Celebration of National Statistics day	NSSO ,Hubli	29-06-2013	Regional
5. Chaired for the Technical Sessions	Dr. M. N. Megeri		Regional Science Association's International Conference on Environment Management and Sustainable development	Department of Geography, Karnatak Science College, Dharwad.	20 th -27 th Dec. 2013.	National
6. Invited on Application of Statistical Tool in Research.	Dr. M. N. Megeri		Refresher course in ICT.	Academic Staff College, Karnatak University, Dharwad.	17 th Dec 2014.	National
7. Chairperson use of SPSS in Research.	Dr. M. N. Megeri		UGC Sponsored One Day Workshop	M.E. Societys Arts and Commerce College, Mudaligi	09-10-2015	State Level
8. Invited talk on Research Methodology inocial	Dr. M. N. Megeri		One day State Level Workshop.	Shri Mrityunjaya College of Arts and Commerce, Dharwad	on 25 th Feb. 2015.	Regional
9. Chaired a session on Trends i Spatial and Sptio-temporal Analysis	Dr. M. N. Megeri		International conference on Celebrating Innovation and Impact in a World of Big and Small Data	Savitribai Phule Pune University, Pune.	20-24, December, 2015	International
10. Invited talk on RESEARCH METHODOLOGY AND STATISTICAL ANALYSIS	Dr. M. N. Megeri		UGC Sponsored 21 DAYS WORKSHOP	Dr. B.R.Ambedkar Bhavan, Karanatak State Women University, Vijayapur.	28 th June 2016 to 19 th July 2016	Regional
11. Invited talk on Life Table / Measures of	Dr. M. N.		Special Lecture	RLS Science Instute Belgaum	27-02-2017	Regional

Life Table	Megeri			(Autonomous)		
12. One day workshop on Principles of SPSS Software	Dr. M. N. Megeri		One Day work for college teachers	Bapuji Institute of Hi-tech Education, Davangere	20 th January, 2017	Regional
13. Resource person for evaluation of Poster presentation	Dr. M. N. Megeri		Under discipline of Agricultural Statistics in the post graduate Science week 2019	Post Graduate Science Week 2019, University of Agricultural Science, GKVK, Bangalore	24 th , May, 2019	Regional
Total						
Paper presentation in Seminars/ Conferences						
1. Estimation of Slum population in India : Application of Statistical Models.	Dr. M. N. Megeri		7 th Annual Conferenced of Indian Association for Social Science and Health	BHU, Varanasi	5-7, March, 2010	International
2. Statistical Analysis of Air pollution and Health parameters: Application to Indian data.\	Dr. M. N. Megeri		Healthy Cities: Perspective of Asian Concerns	BNCA, Pune	3-5 th , February, 2011.	International
3. Statistical Measures of Urbanization and Health in India.	Dr. M. N. Megeri		7 th Annual Conferenced of Indian Association for Social Science and Health	Venkateswara University, Tirupati	11-13 th , March, 2011.	International
4. Estimation and projection of Urban Population of India and China.	Dr. M. N. Megeri		Eleventh International conference of Asian Urbanization held at	Osmania University, Hyderabad.	11-14 th , November, 2011.	International
5. Impact of lagged Urbanization on Urbanization and Development in India	Dr. M. N. Megeri		Ninth Annual conference of Indian Association for Social Science and Health	TISS, Mumbai,	on 24-26 th , November, 2011.	International

6. Statistical Analysis of Urbanization and HIV/AIDS in India,	Dr. M. N. Megeri		Tenth Annual conference of Indian Association for Social Science and Health	JNU, New Delhi	21-23 November, 2012.	International
7. An Application of theoretical Probability distributions to the study of Ambient Air Pollutants in Bandra, Mumbai	Dr. M. N. Megeri		Regional Science Association's, International Conference on Environmental Management and Sustainable development.	Department of Geography, Karnatak Science College, Dharwad	20 th -21 st , Dec. 2013.	International
8. Econometric Study of Urbanization and Economic development,	Dr. M. N. Megeri		International conference on Role of Statistics in advancement of Science and Technology	Department of Statistics, Pune University, Pune	16 th -18 th , Dec. 2013.	International
9. Maximum Likelihood Estimation of Class I city size in India: Using doubly truncated Pareto distribution,	Dr. M. N. Megeri		National Seminar	Department of Statistics, Karnatak University, Dharwad.	15-16 th March, 2013.	National
10. The Relationship between Urbanization and Economic Development of India: A Cross-Section Analysis".	Dr. M. N. Megeri		Regional Science Association's, International conference on Environmental Management and Sustainable development	Department of Geography, Karnatak Science College, Dharwad.	20-21, December, 2013.	International
11. An Application of theoretical Probability distribution to the study of Ambient Air Pollutant in Brandra, Mumbia.	Dr. M. N. Megeri		Regional Science Association's, International conference on Environmental Management and Sustainable development.	Department of Geography, Karnatak Science College, Dharwad.	20 th -27 th Dec. 2013.	International
12. Econometric study of Urbanization and Economic development.	Dr. M. N. Megeri		Role of Statistics in advancement of Science and Technology.	Department of Statistics, Pune University, Pune.	16 th -18 th , Dec.2013	International

13. Chaired a session Trends in Mortality from Major Infectious Diseases in India”	Dr. M. N. Megeri		International Indian Statistical Association (IISA-2015) International Conference.	Savitribai Phule Pune University, Pune	20-24, December, 2015	International
14. Diaraheal Diseases in India : A Statistical Prospectives.	Dr. M. N. Megeri		114th Annual Conference of the IASSH on “Health ,Gender and Development: Emerging Issues and Challenges”.	Gokhale Institute of Politics and Economics, Pune.	23-26 Sept. 2016	International
15. A Statistical Analysis Of Trends In Mortality From Major Infectious Diseases Of Global Burden, 1990-2013	Dr. M. N. Megeri		14th Annual Conference of the IASSH on “Health, Gender and Development: Emerging Issues and Challenges”.	Gokhale Institute of Politics and Economics, Pune.	23-26 Sept. 2016	International
16. Rural-Urban Migration and Development in India: An Econometric Analysis	Dr. M. N. Megeri		National Conference	Savitribai Phule Pune University, Pune	23-25, March,2017.	International
17. Statistical modeling on the impact of Migration and Urbanization on Agriculture Production in India”	Dr. M. N. Megeri		38 th Annual conference of IASP (Indian Association for the study of Population) on Population, Health and development	Department of Statistics, Andhra University, Visakhapatnam, 2017.	20-22, December 2017	International
18. The Modelling of Road accidents in Metropolitan cities of India : Application of Smeed’s Law”	Dr. M. N. Megeri		16 th Annual Conference of IASSH on Health, Well-being and Regional Development,	Jawaharlal Nehru University, New Delhi	10-12, December, 2018	International
19. HIV/TB Co-infection Current trends : Probability distribution Approach	Dr. M. N. Megeri		39 th Annual conference of IASP (Indian Association for the study of Population) on Population, Gender and development.	Department of Statistics, Banaras Hindu University, Varanasi,	18-20, September 2018	International

20. Elimination of Major Infectious diseases and gain in life expectancy”	Dr. M. N. Megeri		40 th Annual conference of IASP on Population, Nutrition and Development	Department of Demography and population Research Centre, University of Kerala, Thiruvananthapuram, Kerala	12-12-2019 to 14-12-2019	International
Total						