

CURRICULUM VITAE
DR (MRS) MADHULIKA DUBE

Personal Information

Designation	Professor and Head, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow
Date of Birth	13-05 -1962
Telephone No:	+91-9416050479 (Mobile)
Email	madhulikadube@gmail.com

ACADEMIC QUALIFICATIONS

Examination	Subjects	Division(%age)	Year	Distinction
Ph.D.	Mathematical Statistics		1990	
Proficiency in German	German Language		1988	
M.A. Lucknow University	Mathematical Statistics	1 st (77.9%)	1983	1st in University in the year 1983
B.A. Lucknow University	Mathematics, Statistics, Economics, Gen. English	1 st (74.1%)	1981	3rd in University in the year 1981
Intermediate	Hindi, English, Maths Physics, Chemistry	1 st (71%)	1979	Honours in Maths, Physics, Chemistry
High School	Hindi, English, Maths Science, Biology	1 st (69%)	1977	Honours in Maths, & Science

WORK EXPERIENCE - TEACHING AND RESEARCH

Posts Held	Name of Employer	Period		Duration
		From	To	
Professor, Department of Statistics	Babasaheb Bhimrao Ambedkar University, Lucknow	24-11-2017	Till date	
Professor in Statistics Department of Statistics	M.D University, Rohtak	27-07-06	23-11-2017	11 years 4 months
Reader in Statistics Department of Statistics	do	27-07-98	26-07-06	8 Years
Lecturer (Sr Scale) Department of Statistics	do	21-08-91	26-07-98	7 years
Lecturer Department of Statistics	do	21-08-86	20-08-91	5 Years
Senior Research Fellow Department of Statistics Lucknow University	Council of Scientific and Industrial Research, New Delhi	01-01-86	20-08-86	8 Months
Junior Research Fellow Department of Statistics Lucknow University	Council of Scientific and Industrial Research, New Delhi	01-01-84	31-12-85	Two years

ACADEMIC HONOURS / AWARDS

1. **Merit Scholarships:**
 - (i). **National Merit Scholarship** from 1977 to 1979.
 - (ii). **University Merit Scholarship** from 1979 to 1981.
 - (iii). **National Scholarship** from 1981 to 1983.
2. **First position** in order of merit in M.A. in 1983 in Lucknow University.
3. Awarded Chancellor's **Gold Medal** for being the best M.A. student of Lucknow University in the year 1983.
4. **Third position** in order of merit in B.A. in 1981 in Lucknow University.
5. Selected for the Award of **CSIR Junior Research Fellowship** from 01-01-84 to 31-12-85 and **CSIR Senior Research Fellowship** from 01-01-86 to 20-08-86 through an All India Competition conducted by CSIR New Delhi.
6. Passed with honours in Mathematics , Physics and Chemistry in Intermediate.
7. Passed with honours in Mathematics and Science in High School.

ADMINISTRATIVE / ACADEMIC CONTRIBUTIONS

1.	Member, Executive Council, Ch Bansi Lal University Haryana	2019-2021
2.	Head, Department of Statistics, BBA University, Lucknow	Since April 2018
3.	Chairperson, BPGS, Department of Statistics, B.B.A. University, Lucknow	2018-
4.	Chairperson, DRC, Department of Statistics, B.B.A. University, Lucknow	2018-
5.	Chairperson, Central Purchase Committee, M. D. University, Rohtak	2015-16
6.	Head, Department of Statistics, M. D. University, Rohtak	2012- 2015
7.	Chairperson, PGBOS, Department of Statistics, M. D. University	2012-2015
8.	Co-coordinator, UGC sponsored Special Assistance Programme (SAP -I), Department of Statistics, M. D. University, Rohtak	2010- 2015
9.	Chancellor's Nominee, University Court, BPS Mahila Vishwavidyalaya, Sonipat, Haryana	
10.	Member, Executive Council, Ch Bansi Lal University Haryana	2016-2018
11.	Member, Research Degree Committee, CCS University, Meerut	2017-2019
12.	Expert, Research Advisory Committee, Ch Bansi Lal University, Haryana	2017-2019
13.	Member, Academic Planning Board, Ch Bansi Lal University Haryana	2015
14.	External Expert, PG Board of Studies in Statistics, Banaras Hindu University, Varanasi	2012-2015

15.	External Expert, PG Board of Studies in Statistics, Central University of Haryana, Mahendergarh, Haryana	2012-2014
16.	Member, Syllabus Review Committee, Central University of Haryana, Mahendergarh, Haryana	2012-15
17.	External Expert, PG Board of Studies in Statistics & OR, Aligarh Muslim University, Aligarh, Uttar Pradesh	2012-14
18.	Member , Syllabus Review Committee, Central University of Bihar , Patna, Bihar	2009-11
19.	External Expert, Faculty of Physical Sciences, Guru Nanak Dev University, Amritsar, Punjab	2010-12
20.	External Expert, Board of UG Studies in Statistics & OR, Kurukshetra University, Kurukshetra	2011-13
21.	Member, Core Committee, Institute of Public Health, M. D. University Rohtak	2011
22.	Member, Selection Committee for various Colleges	
23.	Chairperson, P.G. Board of Studies in Statistics	2012-2015
24.	Chairperson , U.G. Board of Studies in Statistics	2012-2015
25.	Departmental Coordinator, University Re-accreditation and Re-assessment Committee for UGC-NAAC	2013

CONFERENCE/ WORKSHOP/ SYMPOSIUM ORGANIZED

- (i) Convener, National Workshop on SPSS and R Software February 20, 2015
- (ii) Convener, National Conference on Recent Trends and Developments in Statistics February 21-23, 2015
- (iii) Convener, **Seminar on Official Statistics and Career Prospects** sponsored by National Academy of Statistical Administration, **Ministry of Statistics and Programme Implementation, Government of India** held on February 18, 2014.
- (iv) Organized **Orientation Course in MATLAB and its Applications**, September 24, 2013.
- (v) **Co-ordinator, Quiz Contest on Statistics and its Applications** on January 23, 2003.
- (vi) Organizing Secretary for the "First Annual Conference of ISITA and National Symposium on Stochastic Processes and Applications, February 3-5, 1996.

PROJECTS COMPLETED

- (i) DBT sponsored Research Project entitled **Population Genomics of Malaria Vector *An. stephensi* Mosquitoes in Indian Subcontinent as Co- Principal Investigator**
- (ii) UGC sponsored Minor research project entitled "**Estimation of Foetal Age Using Multivariate Calibration**"

BOOK

Book Entitled “**Statistics for Biological and Health Sciences**” under publication

EXTENSION LECTURES/ RESOURCE PERSON

1. Extension Lecture entitled “Bivariate and Multivariate Regression analysis” in Research Methodology Training Programme **Statistical Data Processing and Use of Unit Level data of NSSO** at Department of Economics, BBA University, Lucknow on April 27, 2018.
2. Extension Lecture entitled “Bivariate and Multivariate Logistic Regression analysis” in Research Methodology Training Programme “**Statistical Data Processing and Use of Unit Level data of NSSO**” at Department of Economics, BBA University, Lucknow on April 27, 2018.
3. Extension Lecture entitled “Survey Methods and Sampling” on February 15, 2018 in the 10 day Capacity Building Programme for Faculties and Research Scholars of Social Sciences in **Giri Institute of Development Studies** during February 10-19, 2018.
4. Extension Lecture entitled “Quantitative Analysis” on February 15, 2018 in the 10 day Capacity Building Programme for Faculties and Research Scholars of Social Sciences in **Giri Institute of Development Studies** during February 10-19, 2018.
5. Invited Talk entitled “ A Study on Improved Estimators in Linear Regression Models” 1st North Indian Science Congress NISC - 2018 & **International Conference on Science and Technology for Sustainable Future** on 10th & 11th January, 2018.
6. Extension Lecture on “Tests of Significance in Life Sciences” at **Ch Bansi Lal University**, Bhiwani, Haryana on February 25, 2017
7. Extension Lecture on “Research Methods in Biological Sciences” at **Ch Bansi Lal University**, Bhiwani, Haryana on February 25, 2017.
8. Invited talk on on August 31, 2016 at **Chaudhry Ranbir Singh Institute of Social and Economic Change**. M. D. University, Rohtak from 10.00 to 11.30 AM.
9. Invited talk on “Problem Selection, Problem Formulation, Hypothesis Formulation and Objectives” on August 31, 2016 at **Chaudhry Ranbir Singh Institute of Social and Economic Change**. M. D. University, Rohtak from 12.00 to 1.30 PM.
10. Invited Lecture on “**Applications of Statistics in Physical and Biological Sciences**” at CBL University, Bhiwani, Haryana on September 16, 2016
11. Lead Discussant on “Developing Culture of Research and Innovation in Higher Education” in the Workshop on Drafting the State Higher Education Plan for Haryana: From Institutional Plan to State Plan held at **O. P. Jindal Global University** on January 25, 2016.
12. Resource person in the **Science Conclave** held at CBL University, Bhiwani, Haryana on January 19, 2015.

13. Invited Talk on “Statistics – the Art and Science of Numbers” at **Ch Bansi Lal University, Bhiwani, Haryana** on October, 09, 2014.
14. Extension Lecture entitled “**Basic Statistics in Research Methodology**” in the **Department of Economics, M. D. University, Rohtak** on March 8, 2014.
15. Extension Lecture entitled “**Testing Statistical Hypotheses**” in the Department of Economics, M. D. University, Rohtak on March 8, 2014.
16. Chaired Sessions in the **National Seminar on Gender Inequality and Violence against Women in North – West India** held at Women’s Studies Centre, M. D. University under the auspices of **ICSSR North West Regional Centre, Chandigarh** during February 7-8, 2014.
17. Chaired Sessions in the **XXXV Annual Conference of Indian Association for the study of Population** held at **CRS Institute of Social and Economic Change** during December 15-17, 2013
18. Chaired Sessions and gave an Invited Talk on **Statistical Methods in Social Science Research** in the National Seminar on Application and Role of Statistics in Multi disciplinary Research during October 23- 24, 2013 at **Central University of Haryana, Mahendergarh.**
19. Invited Talk on **Statistical Methods in Medical Research- Analyzing and Interpreting Data** in the Workshop “Going About Research” in the First Annual Rohtak Medical Students’ Conference 2013 at **Post Graduate Institute of Medical Sciences Rohtak** held during October 4-6, 2013.
20. Extension Lecture on “Use of Statistical Techniques in Dental Sciences” in the ITS Dental College, Greater NOIDA on Statistics in Research on September 11, 2013.
21. Extension Lecture on “**Basic Bio- medical Statistics**” in the ITS Dental College, Greater NOIDA on Statistics in Research on June 21, 2013.
22. Worked as a Resource Person in the Orientation Programme for Post Graduate Teachers at Jawahar Navodaya Vidyalaya, Khidwali, Rohtak and delivered extension lectures on “**Statistics as a Career Option**” on 27 December 2012.
23. Extension Lecture on “**Basic Statistics for Researchers**” in the ITS Dental College, Greater NOIDA on Statistics in Research on June 15, 2012.
24. Extension Lecture “**Basic Statistics for Researchers- Inferential Techniques**” in the ITS Dental College, Greater NOIDA on Statistics in Research in June 05, 2012.
25. Chaired Sessions in DST – INSPIRE Internship Programme held from April 28, 2012- May 2, 2012 sponsored by **Department of Science and Technology (DST), Govt. of India, New Delhi.**
26. Invited talk on **Statistical Techniques using Computers** in the National Seminar on Internet: Applications in Research in the Department of Zoology, M. D. University Rohtak on March 26, 2011
27. Invited talk on **Statistical Testing and Inferential Techniques for Biologists** in the Department of Genetics, M. D. University Rohtak on March 1, 2011
28. Invited talk on **Statistics for Biologists** in the Department of Genetics, M. D. University Rohtak on February 15, 2011

29. Invited talk on **Statistical Techniques in Bioinformatics** in the **National Workshop on Bioinformatics** in the Centre for Biotechnology, M. D. University Rohtak during September 14-16, 2010.
30. Invited talk on **Checking Model Adequacy in Regression Analysis** in the National Workshop on Modeling, Optimization and their Applications held at Department of Statistics M. D. University, Rohtak, during August 17-21, 2010
31. Invited talk on **Computational Techniques for Model Selection in Regression Analysis** in the **National Workshop on Modeling Optimization and their Applications** held at Department of Statistics M.D.University, Rohtak, during August 17-21 2010
32. Guest Lecture on **Applications of Statistics** the Department of Statistics, The **University of Kashmir, Hazratbal, Srinagar** during May, 2010.
33. Extension Lectures on **Biostatistics for Medical Students** at **JCD Dental College , Sirsa, Haryana** during June, 2008.
34. Chaired Sessions on **Medical Statistics** in the **Annual Conference of Northern Chapter of Association of Surgeons of India** held at PGIMS , Rohtak during April 3-5, 2008
35. Delivered Extension Lectures on **Biostatistics** in the Refresher Course of held at **Government Girls College, Gurgaon**, during May, 2008
36. Extension Lectures on **Biostatistics for Medical Students** at JCD Dental College , Sirsa, Haryana during June, 2008.
37. Extension Lectures on **Biostatistics for Medical Students** at JCD Dental College , Sirsa, Haryana during October, 2007.
38. Guest Lecture for NSS volunteers on “Statistics in Service of Society” on September, 20, 2005 in the **Youth Leadership Training Camp** held at M. D. University Rohtak.
39. Guest Lectures at Seminar for School Teachers on “Mathematics: making it interesting through Experiments” on September 6, 2005.
40. Invited talks in the **National CME on Appropriate Methodology for Research for Medical Researchers** held at **Post Graduate Institute of Medical Sciences, Rohtak** during August 2005.
41. Delivered Extension Lectures on Regression Analysis in the **Refresher Course for Agriculture Scientists** at CCS Hissar Agriculture University, Hissar during December 2004.
42. Delivered Extension Lectures for **Biotechnology courses in the Department of Biosciences**, M.D. University, Rohtak in Dec. 2001.
43. Delivered extension lectures in the **Refresher Course in Statistics and Applications** held in the Department of Statistics, M. D. University, Rohtak. During October 11-31, 1994.

MEMBERSHIP OF ASSOCIATIONS AND SCIENTIFIC BODIES

- (i) Life Member Indian Bayesian Society
- (ii) Life Member Indian Science Congress Association.
- (iii) Life Member Indian Statistical Association.
- (iv) Life Member the Indian Econometric Society.
- (v) Life Member Indian Society of Information Theory and Applications.
- (vi) Life Member Forum for Interdisciplinary Mathematics

Ph. D.THESES SUPERVISED/ UNDER SUPERVISION

<u>Sr No</u>	<u>Name of the Student</u>	<u>Title</u>	<u>Award/ Submission</u>
1.	Virender Singh	Predictive Efficiency of Estimators in Restricted and Mixed Regression Models	1997 Awarded
2.	Veena Manocha	Improved Estimation in Linear Regression Model under Balanced Loss	2002 Awarded
3.	Shalini Chandra	Performance Properties of Some Improved Estimators under Different Comparison Criteria	2006 Awarded
4.	ParmilaRathee	A Study of Specification Errors	2009 Awarded
5.	Garima Malhotra	Efficiency Properties of Improved Estimators in Linear Regression Model: A Comparative Study	2011 Awarded
6.	Sangeeta Sangwan	Statistical Evaluation of Regional Disparities in Development: An Indian Perspective	2013 Awarded
7.	Ram Manohar Mishra	Modeling HIV Epidemic in India: Transmission and Population Dynamics	2013 Awarded
8.	Vinod Kumar	Statistical Inference in Linear Regression Models using Improved Estimators	2015 Awarded
9.	Isha	Some Contributions to Nonlinear Estimation in Regression Models	2016 Awarded
10.	Renu	Inferential Methods for Censored Data	2017 Awarded

M. Phil. DISSERTATIONS SUPERVISED

Sr. No.	Name of the Student	Dissertation Title	Year Awarded
1	Indu	Specification Errors in Linear Models	1991
2	Dinesh Kumar	Autocorrelation in Linear Regression Models	1992
3	Manju	Improved Estimation in Linear regression Models	1994
4	Sunita	A Study of Calibration Estimators	2000
5	Renu	Multicollinearity and Ridge Regression: A Study	2001
6	Pooja	Prediction in Linear Regression Models	2002
7	Naveen Kumar	Estimation of Disturbance Variance in Linear Regression Model	2003
8	ParmilaRathee	Ordinary Least Squares and Stein-rule Estimators Under Inclusion of variables	2004
9	Garima	Least Squares and Stein –rule Estimation under Balanced Loss	2006
10	Vinod Kumar	Predictive Performance of Some Improved Estimators under Different Loss Structures	2007
11	Manish Bindal	Simultaneous Prediction in Restricted and Mixed Regression Models	2008
12	Jyoti Balhara	Estimation in Linear Regression Model under Missing Response Variables	2009
13	Usha	Ridge and Restricted Ridge Regression under Multicollinearity in Linear Regression Model	2011
14	Dipti Kundu	Logistic Regression: Estimation and Tests of Hypothesis	2011
15	Minakshi	A Study on Pre-Test Estimators in Linear Regression Model	2012
16	Rajni	Disturbance Variance Estimation using Improved Estimators	2013
17	Sonia	A Study of Ridge Regression Estimators	2013
18	Ashutosh	Modified Ridge Estimators using Prior Information	2016
19	Parmod	Parameter Estimation using First Failure Censoring in Life Time Distributions	2017
20	Maneesh	Improved Estimation in the presence of Autocorrelation in Linear Regression Models	2018

LIST OF RESEARCH PUBLICATIONS

1.	Krishna H., Dube, M. and Garg R. (2019), "Estimation of Stress-Strength Reliability of Inverse Weibull Distribution under Progressive First Failure Censoring", Austrian Journal of Statistics . Volume 48, 14–37. ISSN: 1026-597X. Impact Factor 0.775
2.	"Genetic diversity and Gene flow in An. stephensi populations across the Vindhya mountain range in Central India" (Jointly with S. Gakhar, A. Sharma, R Sharma and A. Kumar) (Communicated)
3.	Garg, R., Dube, M. and Krishna H.(2018) " Estimation of Parameters and Reliability Characteristics in Lindley Distribution using Randomly Censored Data" International Journal of System Assurance Engineering and Management ISSN 0976-4348, 0975-6809 (Springer)
4.	Krishna H., Dube, M. and Garg R. (2017) Estimation of $P(Y<X)$ for Progressively First Failure Censored Generalized Inverted Exponential Distribution, Journal of Statistical Computation and Simulation (Taylor & Francis), Impact Factor: 0.733
5.	Garg R., Dube, M. and Krishna H. (2017), "Estimation of Parameters in Randomly Censored Lindley Distribution", Journal of Statistical Theory and Practice (Taylor & Francis) Impact Factor 0.31 . ISSN: 1559-8608.
6.	Sharma, R., Sharma, A., Kumar, A., Dube, M. and Gakhar, S.K. (2016) Population genetic structure of urban malaria vector Anopheles stephensi in India" Infection, Genetics and Evolution , 39, 35–44, , ISSN: 1567-1348 Impact Factor 3.1
7.	Garg, R., Dube, M. , Kumar, K., Krishna, H. (2016) On randomly censored generalized inverted exponential distribution American Journal of Mathematical and Management Sciences (Taylor & Francis) , 35(4), 361-79 ISSN: 2325-8454 Impact Factor 0.462
8.	Dube, M. , Krishna, H. Garg, R. and H. Krishna (2015) Generalized Inverted Exponential Distribution under Progressive First Failure Censoring" Journal of Statistical Computation and Simulation (Taylor and Francis) 86(6), pp 1095-1114 ISSN 0094-9655. Impact Factor 0.733
9.	Dube, M. , Garg, R. and Krishna, H. (2015) On progressively first failure censored Lindley distribution, Computational Statistics (Springer) , pp 1-25 ISSN: 0943-4062 Impact Factor 0.724
10.	Dube, M. , Isha and Kumar, V. (2015) The Performance Properties of Disturbance Variance under Restrictions using Linex Loss Function(jointly with Vinod Kumar and Isha) Journal of Applied Probability and Statistics, 2015, Vol 10(2), 79-88. ISSN 1930- 6792.
11.	Sharma, A., Sharma, R., Kumar, Dube, M. and Gakhar, S.K. (2015). Gene flow and Population genetic structure of An. stephensi Liston in the areas under Enhanced Malaria Control Project (EMCP) and Non- EMCP of Madhya Pradesh (Central India) using microsatellite marker, Acta Entomologica Sinica , 58(1), 74-81 ISSN: 0454-6296 Impact Factor 0.896
12.	Dube, M. , Lakra, S. and Manocha, V. (2014) Spatio-Temporal Agricultural Development in India, International Journal of Agricultural Statistical Science , 10(1), 133-137, ISSN : 0973-1903 Impact Factor 0.195
13.	Dube, M. , Isha and Kumar, V. (2014) A Note on the Finite Sample Properties of Ridge Estimator, International Journal of Statistika and Matematika , 10(3) 42-46ISSN: 2277- 2790 Impact Factor 1.13

14.	Dube, M. and Isha (2014) A Review on the Biasing Parameters of Ridge Regression Estimator in Linear Regression Model, <i>Mathematical Journal of Interdisciplinary Sciences</i> , 3(1) 73–82. ISSN 2278-9561.
15.	Kumar, V., and Dube, M. (2014) Use of Restricted Least Squares Estimator to study the Growth of Manufactured Food Products in Haryana, International Journal of Statistika and Matematika , 9(1), 48-49 ISSN: 2277- 2790 Impact Factor 1.13
16.	Dube, M. “Statistics – The Art and Science of Numbers” , 2013, Dream 2047, Vigyan Prasar publication of Department of Science and Technology, India , Vol 15 No 6, 28-30. ISSN 0972- 169X
17.	Dube, M. “Structural Change in Development- A Case Study”, at the XXXV Annual Conference of Indian Association for the study of Population held at CRSI of Social and Economic Change during December 15-17, 2013.
18.	Dube, M. , Manocha V and S Sangwan “Statistical Evaluation of Regional Disparities in the Levels of Development in Haryana” 2012, International Journal of Computing , 12 (2),380 -386 (Madhulika Dube, Veena Manocha and Sangeeta Sangwan) ISSN 1727-6209
19.	“Changing Epidemiology of HIV in Mumbai: an Application of the Asian Epidemic Model”, 2012, Global Journal of Health Sciences , Vol. 4(5), 100-112, (), ISSN 1916-9736 Impact Factor 0.70
20.	Ram Manohar Mishra, M. Dube , Arvind Pandey, Niranjana Saggurti & Damodar Sahu “The Association between Adolescent Entry into the Trucking Industry and Risk of HIV among Long-Distance Truck Drivers in India”, 2012, HIV/AIDS - Research and Palliative Care , Vol 4, 141–148, ISSN 1179-1373 Impact Factor 1.47
21.	Dube, M. and Garima Malhotra “Efficiency Properties of Some Improved Estimators In Linear Regression Model Under Balanced Loss” 2012, Journal of Applied Probability and Statistics , Vol. 7, No. 2 pp. 1-8 ISSN 1930-6792 Impact Factor 0.15
22.	Vipin, Dube, M. and S.K. Gakhar “Genetic Differentiation between Three Ecological Variants (‘type’, ‘mysorensis’ and ‘intermediate’) of Malaria Vector Anopheles stephensi (Diptera: Culicidae)” (2010) Insect Science 10, 1-9.(jointly with Vipin and S.K. Gakhar) Impact Factor: 1.786
23.	Vipin, Dube, M. and S.K. Gakhar “Gene Flow in Malaria Vector Anopheles stephensi (Diptera: Culicidae) Across the Aravalli Hills in North-west India” (2010) Entomological Research , 40, 85-96 (jointly with) Impact Factor 0.398
24.	Dube, M. and S. Chandra Dube, M. “Comparison of Improved Estimators under Pitman Closeness (Jointly with S.Chandra) Technical Report, 2010, Banasthali University, India
25.	Dube, M. “Checking Model Adequacy in Regression Analysis” (2010) Learning Manual Modeling Optimization and their Applications, Edited Book, Excel India Publishers, pp 45- 56.
26.	“ Dube, M. Computational Techniques for Model Selection in Regression Analysis” (2010) Learning Manual Modeling Optimization and their Applications, Edited Book, Excel India Publishers
27.	Dube, M. Veena Manocha and Sangeeta Sangwan “Regional Dimensions of Socio Economic Development in Haryana” (2008) Environment and Ecology , 26(1) 38-42, (Under supervision)
28.	Dube, M. and S. Chandra “Predictive Efficiency of Improved Estimators in Regression Models” <i>Statistical Techniques in Life-testing, Reliability, Sampling Theory and Quality Control</i> (2007), 128-134

29.	Dube, M. and Veena Manocha "Estimation under Balanced Loss in Misspecified Linear Regression Models: The case of deletion of relevant variables" International Review of Pure & Applied Mathematics, Volume 3, No.2, July-Dec., 2007; 183-188. ISSN : 0973-1350
30.	Dube, M. and S. Chandra "A note on Inadmissibility of the Iterative Stein-rule Estimator of the Disturbance Variance", Journal of Indian Society of Agricultural Statistics , 61(3) ,343-345, 2007 Impact Factor 0.088
31.	Dube, M. and V. Manocha "Stein-rule Estimator under Balanced Loss", International Journal of Mathematical Sciences 5(1), 43-46,2006
32.	Dube, M. and S. Chandra "Ridge Regression Estimator under Balanced Loss", Business Research, 2006, 9(3) pp 13 -18
33.	Dube, M. and P. Rathee "Performance Properties of a family of Calibration Estimators under Non-normal errors" International Journal of Agricultural Statistical Science , 2(1), 107-113, 2005(with Parmila Rathee) Impact Factor 0.195
34.	"Simultaneous Prediction in Restricted Regression Models", Journal of Applied Statistical Sciences , 2002, Vol. 11(4), 277-288, ISSN: 1067-5817
35.	Dube, M. and M. Mishra "Choosing an Optimal Calibration Estimator under Non-normality", Journal of Combinatorics Information and System Sciences, 27(1-4), 2002, 205-214
36.	Dube, M. Mixed Regression Estimator under Inclusion of some Superfluous Variables, Test (Springer) 1999, Vol.8 (2), 411-418 Impact Factor 1.41
37.	Dube, M. and Veena Manocha "A Note on Estimation under Balanced loss in Misspecified Regression Models" Journal of Decision and Mathematika Sciences, Vol. 4(1-3), 1999 (jointly with V. Manocha)
38.	Dube, M. and Veena Manocha "Simultaneous Prediction in Mixed Regression Model" Proceedings of First Annual Conf. of Statistics Computer Appl. and Symposium on Computer in Research & Development Activities held at CCSHAU, Hissar from Oct 23-25,1998,pp216-224
39.	Dube, M. and V. Singh "Mixed and Improved Estimation of coefficients in Regression Models: A Predictive Perspective", Journal of Applied Statistical Science , 5(2/3), 1997, 161-171.ISSN: 1067-5817 Impact factor 0.14
40.	Dube, M., V. K. Srivastava and V. Singh Ordinary Least Squares and Stein-rule Predictions in Regression Models under Inclusion of some Superfluous Variables", Statistical Papers (Springer) , 37, 1996, 253-265. ISSN 0932-5026 Impact Factor 1.024
41.	Dube, M. Stein-rule Estimation in Misspecified Linear Regression Models under Non-normal Disturbances, Journal of Scientific Research, 44, 1995, 171-189 ISSN 0447-9483
42.	Dube, M. and V. Singh "Predictive Efficiency of Improved Estimators in Restricted Regression Models", Test (Springer) 4(2), 1995, 323-331, ISSN 1133-0686 Impact Factor 1.183
43.	Dube, M. and V. K. Srivastava " Properties of Ordinary Least Squares and Stein-rule Predictions in Linear Regression Models with proxy Variables, Statistical Papers (Springer) , 34, 1993, 27-41 ISSN 0932-5026 Impact Factor 1.024
44.	Dube, M. and V.K. Srivastava "Predictive Efficiency of Mixed Regression Estimation in Mis-specified

	Regression Models”, Journal Ind. Soc. Stat. Oprn.Res. 12, 1991, 1-4, (jointly with)
45.	Dube, M. , V. K. Srivastava, H.Toutenberg and P.Wijekoon Stein-rule Estimators under Inclusion of Superfluous Variables in Linear Regression Model, Communication in Statistics - Theory and Methods (Marcel Dekker) 20(7), 1991, 2009-2022, (jointly with) Impact Factor 0.49 ISSN 03610926
46.	Srivastava, V.K. and Dube, M. Use of Proxy Variables in Regression Analysis, Journal of Quantitative Economics, 6(1), 1990, 71-74, (jointly with) ISSN 0971-1554
	Research Papers Presented in Conference
47.	“Reliability estimation in Lindley distribution under progressively first failure censoring scheme”, National Conference on Significance of Statistics as Interdisciplinary Science during February 18-20, 2016 at University of Jammu, Jammu, India. (Presented by R. Garg)
48.	“Reliability estimation in Lindley distribution using randomly censored data”, National Conference on Recent Statistical Computing Techniques and their Applications during March 11-12, 2016 at Ramanujan College University of Delhi, Delhi (Presented by R. Garg)
49.	Garg, R., Dube, M. , and Krishna, H., “On progressively first failure censored generalized inverted exponential distribution”, VIII International Symposium on Statistics and Optimization in Conjunction with XXXVI- Annual Convention of Indian Society for Probability & Statistics (ISPS) during December 17-19, 2016 at Aligarh Muslim University, Aligarh. (Presented by R. Garg)
50.	“Estimation in Linear Regression Models under Multicollinearity: A Review” (with Rajni Vij) at the National Conference on Recent Trends and Developments in Statistics held at M. D. University, Rohtak during February 21-23, 2015.
51.	“Statistical Evaluation of Regional Disparities in Development in Haryana” National Seminar on “Development Dynamics – Strategy, Viability & Challenges in Haryana” held at Chaudhry Ranbir Singh Institute of Social & Economic Change, Maharishi Dayanand University, Rohtak, during May 23 - 24, 2015
52.	“Analyzing $\delta=P(Y<X)$ in generalized inverted exponential distribution with progressively first failure censored data”, International Conference on Quality, Reliability, Infocom Technology & Business Operations during December 28-30, 2015 at University of Delhi, Delhi, India. (Presented by R. Garg)
53.	“A Statistical Study of the Spatio - Temporal Agricultural Development in Indi” at the IGU Conference on Geoinformatics for Biodiversity and Climate Change held in the Department of Geography, M. D. University, Rohtak, Haryana, India during 14-16 March 2013 (jointly with Sangeeta Sangwan and Veena Manocha)
54.	“Structural Change in Development- A Case Study”, at the XXXV Annual Conference of Indian Association for the study of Population held at CRSI of Social and Economic Change during December 15-17, 2013.
55.	“Statistical Evaluation of Regional Disparities in the Levels of Development in Haryana” in National Seminar “Haryana in National Perspective” organized by Department of Economics, M.D. University, Rohtak held on March 14-15 2012
56.	“Principal Component Analysis of Socio- Economic Development in Haryana”(2010) National Conference on Challenges in Software Engineering , Research and Practices held at N C College of Engineering during March 30-31, 2010 (jointly with Sangeeta Sangwan)

57.	“Risk Analysis of Improved Estimators under Missing Response Variables” (2010) National Conference on Challenges in Software Engineering , Research and Practices held at N C College of Engineering during March 30-31, 2010 (jointly with Garima Malhotra)
58.	“Quality of Statistics Teaching in Universities and Steps to make it more interesting” at the Special Training Programme on Official Statistics sponsored by Ministry of Statistics and Programme Implementation held at National Academy of Statistical Administration during July 5 – July 9, 2010
59.	“Risk Performance of an Improved Estimator in Principal Component Regression” in the National Workshop on Modeling, Optimization and their Applications held at Department of Statistics M.D.University, Rohtak, during August 17-21, 2010 (jointly with Garima Malhotra)
60.	“A New Class of Estimator under Prior Information” in the National Workshop on Modeling, Optimization and their Applications held at Department of Statistics M. D. University, Rohtak, during August 17-21, 2010 (jointly with Vinod Kumar)
61.	Efficiency properties of some improved estimators in linear regression model under Pitman Closeness Criterion”(2008) Accepted for publication in the proceedings of the National Seminar On Emerging Trends in Software Engineering In collaboration with ISITA held on 05-06 Sept 2008 (jointly with Garima Malhotra)
62.	“Use of LINEX Loss in assessing the performance of Disturbance variance estimator under misspecification”(2008) Accepted for publication in the Proceedings of National Seminar On Emerging Trends in Software Engineering In collaboration with ISITA held on 05-06 Sept 2008(jointly with ParmilaRathee and Vinod Kumar)
63.	“Efficiency Properties of some Improved Estimators in linear regression models under Pitman Closeness Criterion” presented at International Conference On Statistical Science, Or < S.V. University, Tirupati,in collaboration with Dravidian University, Kuppam during January 7-9, 2007.
64.	“Linear Calibration: The Case of Orthogonal Projection”, presented at National Conference on Information Theory: Setting Trends in Modern Era during March 18-20, 2006, held at N.C. College of Engineering, Israna, Panipat.
65.	“Improved Estimation under Alternative loss Function”, presented at National Conference on Information Theory: Setting Trends in Modern Era during March 18-20, 2006, held at N.C. College of Engineering, Israna, Panipat (jointly with S. Chandra)
66.	“Regression Analysis- A Journey through time” presented at the National Conference on History of Mathematics and Recent Advances during December 20-22, 2006 held at Department of Mathematics, M.D.University , Rohtak.
67.	“On Specification Errors in Linear Regression Models” presented at the International Conference on Bayesian Statistics and Applications during January 6-8, 2005 in the Department of Statistics, Banaras Hindu University, Varanasi.
68.	“Calibration Estimators: A Review” presented at International Conference on Statistical Inference, Combinatorics and Related Areas” held at Allahabad University, Allahabad, India during December 21-23, 2002.
69.	“Stein-Rule Estimator under Balanced Loss” National Symposium on Statistical Modeling and Operations Management held at the Department of Statistics and Operational Research, Kurukshetra University, Kurukshetra during Oct 19-21, 2000 (with Veena Manocha)

70.	“Choosing an Optimal Calibration Estimator” National Symposium on Statistical Modeling and Operations Management held at the Department of Statistics and Operational Research, Kurukshetra University, Kurukshetra during October 19-21, 2000. (with M.Mishra)
71.	“Improved Estimation in Linear Regression Model with a Lagged Dependent Variable”, National Conference on Statistical Inference and Probability held at the Department of Statistics, Punjab University, Chandigarh, November 15-17, 2000.
72.	“Mean Squared Error Matrix Superiority of Mixed Regression Estimator under Misspecification” at International Conference on Combinatorics, Information Theory and Statistics held at University of Southern Maine, Portland ME U.S.A. during July 18-20, 1997.
73.	“Disturbance Variance Estimation in Misspecified Regression Models Using Stein-Rule Estimators” at International Conference on Statistical Inference, Combinatorics and Related Areas held at Banaras Hindu University, Varanasi, India during December 18-21,1997.
74.	“Linear Regression Models under Nonnormality” at Workshop on Statistical Inference under Nonstandard conditions at Punjab University, Chandigarh during Jan. 9-12, 1996 (with R. K. Tuteja)
75.	“Properties of Linear Calibration Estimators under Non-normal Disturbances” at International Conference on Stochastic Modeling held at University of Delhi, Delhi during January 10-12, 1994.
76.	Prediction in Regression Models with Incomplete Prior Information at National Symposium on Statistical Inference held at Center for Mathematical Sciences, Thiruvananthapuram during June 16-18, 1992. (With Virender Singh)

CONFERENCES / SYMPOSIA / WORKSHOPS ATTENDED

1.	Attended and Participated as Invited Speaker in " Research Methodology for Social Sciences " from August 29 to September 4, 2016 at Chaudhry Ranbir Singh Institute of Social and Economic Change (CRSIS&EC), Maharshi Dayanand University Rohtak.
2.	National Seminar on “Development Dynamics – Strategy, Viability & Challenges in Haryana” held at Chaudhry Ranbir Singh Institute of Social & Economic Change, Maharshi Dayanand University, Rohtak, during May 23 - 24, 2015
3.	National Conference on Recent Trends and Developments in Statistics held at M. D. University, Rohtak during February 21-23, 2015.
4.	National Workshop on SPSS and R Software held at M. D. University, Rohtak on February 20, 2015
5.	One day Seminar on Official Statistics and Career Prospects held at Department of Statistics, M. D. University, Rohtak on February 18, 2014.
6.	National Seminar on Gender Inequality and Violence against Women in North – West India held at Women’s Studies Centre, M. D. University during February 7-8, 2014.
7.	XXXV Annual Conference of Indian Association for the study of Population held at CRSI of Social and Economic Change during December 15-17, 2013.

8.	National Seminar on Application and Role of Statistics in Multi disciplinary Research during October 23- 24, 2014 at Central University of Haryana
9.	Workshop on “Going About Research” in the First Annual Rohtak Medical Students’ Conference 2013 at PGIMS Rohtak held during October 4-6, 2013.
10.	Seminar on MATLAB and Simulink held at New Delhi on September 24, 2013.
11.	International Geographical Union Conference on Geoinformatics for Biodiversity and Climate Change held Inthe Department of Geography, M. D. University, Rohtak, Haryana, India during 14-16 March 2013
12.	National Seminar on “Haryana in National Perspective” under UGC Special Assistance Programme in the Department of Statistics, M. D. University during March 14 -15, 2012
13.	DST – INPIRE Internship Programme held from April 28, 2012- May 2, 2012 sponsored by Department of Science and Technology (DST), Govt. of India, New Delhi.
14.	National Seminar on Internet: Applications in Research inthe Department of Zoology, M. D.University Rohtak on March 26, 2011
15.	National Workshop on Bioinformatics in the Centre for Biotechnology, M. D.University Rohtak during September 14-16, 2010.
16.	National Workshop on Modeling, Optimization and their Applications held in the Department of Statistics, M. D. University, Rohtak during August 17- 21, 2010
17.	Special Training Programme on Official Statistics sponsored by Ministry of Statistics and Programme Implementation held at National Academy of Statistical Administration during July 5 – July 9, 2010.
18.	UGC sponsored Northern Region Workshop of Training of Trainers on Capacity Building for Women Managers in Higher Education during December 10-15, 2007 at Women’s Research Centre, Kurukshetra University, Kurukshetra.
19.	International Conference On Statistical Science, OR& IT and XXVI Annual convention of Indian Society for Probability and Statistics held at S.V. University, Tirupati during January 7-9, 2007.
20.	National Conference on History of Mathematics and Recent Advances during December 20-22, 2006 held at Department of Mathematics, M.D.University , Rohtak
21.	UGC sponsored Workshop on Capacity Building of Women Managers in Higher Education held during December, 11- 16, 2006 at MKJKM, Rohtak

22.	National Conference on Information Theory: Setting Trends in Modern Era during March 8-20, 2006 held at N.C. College of Engineering, Israna, Panipat.
23.	Workshop on Information Technology for Teachers in the Department of Computer Science and Applications, M.D. University, Rohtak on January 7, 2006.
24.	Workshop on Bayesian Statistics and Applications , Jan 4-5, 2005 in the Department of Statistics Banaras Hindu University, Varanasi
25.	International Conference on Bayesian Statistics and Applications during January 6-8, 2005 in the Department of Statistics, Banaras Hindu University, Varanasi
26.	Workshop on "Combinatorics and Optimization Techniques in Statistics" sponsored by Department of Science and Technology, New Delhi and held at Department of Statistics, University of Allahabad, Allahabad, India during December 18-20, 2002.
27.	International Conference on Statistical Inference, Combinatorics and Related Areas" held at Department of Statistics, University of Allahabad, Allahabad, India during December 21-23, 2002.
28.	UGC sponsored Refresher Course at M. D. University, Rohtak during March 8-28, 1999.
29.	
30.	UGC sponsored Refresher Course in Statistics for PG teachers at Indian Statistical Institute, Calcutta during February 2-26, 1999.
31.	International Conference on Statistical Inference, Combinatorics and Related Areas held at Banaras Hindu University, Varanasi, India during December 18-21, 1997.
32.	International Conference on Combinatorics, Information Theory and Statistics" held at University of Southern Maine, Portland ME U.S.A. during July 18-20, 1997.
33.	First Annual Conference of ISITA and National Symposium on Stochastic Processes and Applications" held at M.D. University, Rohtak during Feb. 3-5, 1996.
34.	UGC sponsored Orientation Course at Academic Staff College, Lucknow during June 11-29, 1994.
35.	International Conference on Stochastic Modeling held at Delhi University, Delhi during January 10-12, 1994.
36.	U.G.C. Sponsored symposium on Recent Advances in Number Theory and Algebra held at M.D. University, Rohtak.
37.	UGC sponsored Refresher Course in Statistics at Indian Statistical Institute, Calcutta during June 1-30, 1990.

38.	U.G.C. Sponsored symposium on Recent Advances in Stochastic Models and related fields held at M.D. University, Rohtak during March 25-27, 1989.
39.	72nd Indian Science Congress held at Lucknow University, Lucknow in January, 1985
40.	UGC sponsored Refresher Course in Statistics for PG teachers at Indian Statistical Institute, Calcutta during February 2-26, 1999.
41.	UGC sponsored Orientation Course at Academic Staff College, Lucknow during June 11-29, 1994.
42.	UGC sponsored Refresher Course in Statistics at Indian Statistical Institute, Calcutta during June 1-30, 1990.
43.	U.G.C. Sponsored symposium on Recent Advances in Stochastic Models and related fields held at M.D. University, Rohtak during March 25-27, 1989.

(MADHULIKA DUBE)