

	Name:	Dr. Neha Garg
	Designation:	Assistant Professor
	Contact Address:	School of Sciences, D- Block, Raman Bhawan, Academic Complex, Indira Gandhi National Open University Maidan Garhi, New Delhi – 110068
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EDUCATIONAL QUALIFICATIONS

Degree	Year	Institute/University
PGDDE	2014	Indira Gandhi National Open University, New Delhi
Ph.D.	2009	Department of Statistics, I.S.S., Dr. B.R. Ambedkar University, Agra
M.Stat.	2004	Department of Statistics, I.S.S., Dr. B.R. Ambedkar University, Agra
B.Sc.	2002	Agra College, Dr. B.R. Ambedkar University, Agra

CAREER PROFILE

Teaching Experiences:

- Working as Assistant Professor in Statistics (Level 11) in School of Sciences, Indira Gandhi National Open University, New Delhi since August 2014.
- Worked as Assistant Professor in Statistics (Level 10) in School of Sciences, Indira Gandhi National Open University, New Delhi from August 2010 to August 2014.
- Worked as Lecturer (contract basis) in Department of Statistics, M.S. University of Baroda, Vadodara from July 2009 to August 2010.
- Worked as UGC Senior Research Fellow in Department of Statistics, I.S.S., Dr. B.R. Ambedkar University, Agra from February 2007 to August 2008.
- Worked as UGC Junior Research Fellow in Department of Statistics, I.S.S., Dr. B.R. Ambedkar University, Agra from February 2005 to February 2007.

AREA OF INTEREST/SPECIALIZATION

- Estimation and Sampling Techniques,
- Statistical Inference,
- Bio-Statistics

ROLE AND RESPONSIBILITIES AT IGNOU

ROLE AT IGNOU:

- Designing and Development of the Curriculum and courses of **New Programmes** at different levels of Degrees, Diplomas and Certificates in **Statistics**.
- Coordinating the Programmes and courses of **New Programmes** at different levels from the stage of Proposal to Launch.
- Maintenance of the Academic Programmes on offer, Teaching and Counselling to the students before and after the admission in the programmes.
- Conducting the Research in Core as well as the allied areas of Statistics.

NUMBER OF PUBLICATIONS:

Books/Monographs (Authored/Edited)/ Book Chapter/ Lecture Notes: 28

S. No.	Name of Author/ Co-author	Title of chapter	Publisher	Year	ISBN No.
1	Dr. Neha Garg	Introduction to MS Excel 2007	IGNOU, New Delhi	2015	978-81-266-6854-0
2	Dr. Neha Garg	Classification and Tabulation of Data	IGNOU, New Delhi	2015	978-81-266-6854-0
3	Dr. Neha Garg	Diagrammatic Presentation of Data	IGNOU, New Delhi	2015	978-81-266-6854-0
4	Dr. Neha Garg	Graphical Presentation of Time Series Data	IGNOU, New Delhi	2015	978-81-266-6854-0
5	Dr. Neha Garg	Measures of Central Tendency	IGNOU, New Delhi	2015	978-81-266-6854-0
6	Dr. Neha Garg	Correlation Analysis	IGNOU, New Delhi	2015	978-81-266-6854-0
7	Dr. Neha Garg and Dr. Rajesh Tailor	Graphical Presentation of Data	IGNOU, New Delhi	2015	978-81-266-6854-0
8	Dr. Neha Garg and Dr. Rajesh Tailor	Measures of Dispersion Moments, Skewness and Kurtosis	IGNOU, New Delhi	2015	978-81-266-6854-0
9	Dr. Neha Garg	Control Charts for Mean	IGNOU, New Delhi	2014	978-81-266-6851-9
10	Dr. Neha Garg	Control Charts for Mean using Range	IGNOU, New Delhi	2014	978-81-266-6851-9
11	Dr. Neha Garg	Control Charts for Mean using Standard Deviation	IGNOU, New Delhi	2014	978-81-266-6851-9
12	Dr. Neha Garg	Control Charts for Range	IGNOU, New Delhi	2014	978-81-266-6851-9
13	Dr. Neha Garg	Control Charts for Standard Deviation	IGNOU, New Delhi	2014	978-81-266-6851-9
14	Dr. Neha Garg	Control Charts for Fraction Defective	IGNOU, New Delhi	2014	978-81-266-6851-9
15	Dr. Neha Garg	Control Charts for Fraction Defective with Variable Sample Size	IGNOU, New Delhi	2014	978-81-266-6851-9
16	Dr. Neha Garg	Control Charts for Number of Defectives	IGNOU, New Delhi	2014	978-81-266-6851-9
17	Dr. Neha Garg	Control Charts for Number of Defects	IGNOU, New Delhi	2014	978-81-266-6851-9
18	Dr. Neha Garg	Control Charts for Number of Defects per Unit	IGNOU, New Delhi	2014	978-81-266-6851-9
19	Dr. Neha Garg	Simple Linear Regression	IGNOU, New Delhi	2014	978-81-266-6851-9
20	Dr. Neha Garg	Multiple Linear Regression	IGNOU,	2014	978-81-266-

			New Delhi		6851-9
21	Dr. Neha Garg	Regression with Dummy Variable	IGNOU, New Delhi	2014	978-81-266- 6851-9
22	Dr. Neha Garg	Variable Selection Methods	IGNOU, New Delhi	2014	978-81-266- 6851-9
23	Dr. Neha Garg	Estimation of Trend by Curve Fitting	IGNOU, New Delhi	2014	978-81-266- 6851-9
24	Dr. Neha Garg	Smoothing or Filtering the Time Series	IGNOU, New Delhi	2014	978-81-266- 6851-9
25	Dr. Neha Garg	Seasonal Component Analysis	IGNOU, New Delhi	2014	978-81-266- 6851-9
26	Dr. Neha Garg	Collection and Presentation of Data	IGNOU, New Delhi	2011	978-81-266- 5646-2
27	Dr. Neha Garg	Measures of Central Tendency and Dispersion	IGNOU, New Delhi	2011	978-81-266- 5646-2
28	Dr. Meenakshi Srivastava and Dr. Neha Garg	On some aspects of measurement of undernourishment in the population	Rawat Publication, Jaipur	2008	81-316-0133-1

Papers in Refereed/Peer reviewed Journals: 17

- Garg, N. (Accepted): Exponential Ratio Type Estimator of Population Mean in Stratified Sampling using Calibration Approach, Journal of Modern Applied Statistical Methods.
- Garg, N. and Pachori, M. (2019): Use of coefficient of variation in calibration Estimation of population mean in stratified Sampling, Communications in Statistics - Theory and Methods, <https://doi.org/10.1080/03610926.2019.1622729>.
- Garg, N. and Pachori, M.(2019): Calibration estimation of population mean in stratified sampling using coefficient of skewness, International Journal of Agricultural and Statistical Sciences, 15(1), 211-219.
- Garg, N. and Pachori, M. (2019): Use of Median in Calibration Estimation of the Finite Population Mean in Stratified Sampling, International Journal of Computer Sciences and Engineering, 7(5), 667-671.
- Garg, N. and Srivastava, M.(2016): On the Combination of Estimators of Finite Population Mean using Incomplete Multi-auxiliary Information, Journal of Reliability and Statistical Studies, 9(2), 99-112.
- Srivastava, M. and Garg, N. (2017): On the presence of measurement error in the Regression method of estimation, Agra University Journal of Research Science, 1 (1), 1-3.
- Tailor, R., Lakhre, A., Tailor, R. and Garg, N. (2015): An improved ratio-cum-product estimator of Population mean using coefficient of Kurtosis of the auxiliary variates in Stratified random sampling, Journal of Reliability and Statistical Studies, 8 (2), 59-67.
- Srivastava, M. and Garg, N. (2013): The Class of Estimators of Finite Population Mean using Incomplete Multi-Auxiliary Information, Statistics in Transition, 14 (2), 201-216.
- Srivastava, M. and Garg, N. (2013): A General Class of Estimators of a Finite Population Mean using Multi-Auxiliary Information under Two Stage Double Sampling Scheme, JRSS, 6(1), 115-

132.

- Tailor, R., Jatwa, N. K., Tailor, R. and Garg, N. (2013): Dual to Ratio and Product Type Exponential Estimators in Stratified Random Sampling using Two Auxiliary Variates, JRSS, 6 (2), 115-126.
- Tailor, R., Chouhan, S., Tailor, R. and Garg, N. (2012): A Ratio-Cum-Product Estimator of Population Mean in Stratified Random Sampling using Two Auxiliary Variables, Statistica, LXXII (3), 287-297.
- Srivastava, M. and Garg, N. (2012): Transformed Weighted Ratio Estimator of Population Mean using Multi-Auxiliary Information, JRSA, 1(2), 9-20.
- Tailor, R., Jatwa, N. K. and Garg, N. (2012): Dual to Product Type Estimator of Population Mean using Known Correlation Coefficient, IJSA, 1(2), 105-110.
- Srivastava, M. and Garg, N. (2009): A general class of estimators of a finite population mean using multi-auxiliary information under two stage sampling scheme, Journal of Reliability and Statistical Studies, 2, 103-118.
- Srivastava, M. and Garg, N. (2009): A class of estimators of finite population mean using incomplete multi-auxiliary information when frame is unknown, The Aligarh Journal of Statistics, 29, 51-73.
- Srivastava, M. and Garg, N. (2008): Transformed ratio-cum-regression estimator for estimating the finite population mean, Journal of Assam Science Society, 2008, 48, 33-36.

CONFERENCES/SEMINARS/WORKSHOPS ORGANISED/PARTICIPATED

- Conferences/Seminars/Workshops organised : 01
- Conferences/Seminars participated : 16
- Attended Workshops/ Short Term Courses : 17
- Paper Presented in Seminar / Conferences : 09

HONOURS/AWARDS/DISTINCTIONS

- UGC-CSIR NET JRF
- UGC-CSIR SRF

PROFESSIONAL ASSOCIATIONS

- Life time member of the Indian Society of Agriculture Statistics.
- Life time member of the Society of Statistics, Computer and Applications.
- Life time member of the Indian Society of Probability and Statistics.

Reviewer for Journals

- Journal of Computational and Applied Mathematics
- Journal of Reliability and Statistical Studies
- Journal of Modern Applied Statistical Methods
- Statistics in Transition, new series
- Associate Academic Editor of Journal of Reliability and Statistical Studies