


Title	Prof.	First Name	NEENA	Last Name	MITAL	Photograph
Designation	PROFESSOR IN STATISTICS					
Address	Ram Lal Anand College 5, Benito Juarez Marg DELHI-110021					
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Educational Qualifications						
Degree	Institution				Year	
Post-doctoral Research Award	University Grants Commission, New Delhi				2009-2012	
Ph.D.(Statistics)	Department of Statistics, Delhi University				2003-2006	
M.Phil. (Statistics)	Department of Statistics, Delhi University				1992-1993	
M.A. (Statistics)	Hindu College, Delhi University				1990-1992	
B.A.(H) Statistics	Kirori Mal College, Delhi University				1987-1990	
Career Profile						
Professor- 2022 till date: Ram Lal Anand College, University of Delhi. Associate Professor-2008- 2021: Ram Lal Anand College, University of Delhi. Reader 2005-2008, Ram Lal Anand College, University of Delhi. Lecturer in senior scale – 2000-2005, Ram Lal Anand College, University of Delhi. Lecturer - 1995-2000, Ram Lal Anand College, University of Delhi. Research Assistant-1994-1995: Faculty of Management Studies, University of Delhi. Guest faculty 1993-94: Kirori Mal College, University of Delhi.						
Administrative Assignments						
Currently working as Convener of Career Counselling and Placement Cell (2016-18, since 2021). Chairperson Institutional Academic Integrity Panel (IAIP) since June 2021 Convener of Statistics Society(2022-23) Convener, Help Desk(Admissions) (2019-till date) Convener in NACC steering subcommittee (2017-till date) Member IQAC (2017-till date) Member Research Committee(2017-till date) Member Student’s Union Advisory Committee (2022-23)						
Worked as Member, Website Committee (2021-22) Member Gandhi Study Circle(2018-21) Member Women’s Welfare Advisory Committee(2018-20) Convener, Admission committee, Statistics (2013-14, 2018-19)						

Convener UG admission of University of Delhi under ECA quota (2017-19)
 Coordinator ENACTUS RLA (2017-2021)
 Convener of Statistics Society (2017-18)
 Convener of Art and Culture Society (2012-13, 2016-18).
 Co-Convener of Internal Assessment Committee (2015-17).
 Convener of Library Committee 2013-14.
 Teacher-in-charge, Department of Statistics (2013-14. 2018-19)
 Co-Convener Canteen Committee 2012-2014.
 Convener of Women’s Welfare Advisory Committee 2012-13.

- ❖ Member of Curriculum Development Committee, Department of Statistics, Delhi University for Development of Syllabi; UGCF 2022.
- ❖ Member of Committee of courses for Hon. and PG studies in Statistics at Department of Statistics, Oct’2017-2019 University of Delhi.
- ❖ UGC Member of Expert Committee for Curriculum Development of B.Sc. (Hons.) Statistics Syllabus under CBCS 2014-15.
- ❖ Member of Curriculum Development Committee, Department of Statistics, Delhi University for Development of Syllabi; Semester system 2011, FYUP 2013, CBCS 2015, LOCF 2018.
- ❖ Member of Interview Board of admissions to M.Sc. Operational Research & M.A./M.Sc. Applied Operational Research, Department of Operational Research University of Delhi for Academic session 2015-16.
- ❖ Member of Committee of courses for under graduate studies B.Sc. (Gen.) and B.A.(Prog.) Department of Statistics, University of Delhi for two years each from 2003-2005, 2014-2016.
- ❖ Governing Body Member – Jr Teacher Representative 2008-2009.

Areas of Interest / Specialization

Design of Experiments, Statistical Quality Control, Operations Research, Programming languages and software, Survey Data Analysis

Subjects Taught

Statistical Quality Control
 C- Programming Language
 R- Programming Language
 Applied Statistics
 Operations Research
 FORTRAN IV
 Software packages- Excel, SPSS, WINQSB
 Inventory and Production Management
 Statistical Methods

Research Guidance

Involved in supervision and Guidance of ten students in Delhi University Innovation Project entitled “Study on how Cognitive activities fair better than drugs in delaying dementia among 60 plus population.” For the Year 2015-16.

Publications Profile

Books:

Neena Mital (2011). Robust and Response Surface Designs: Useful Designs for Industries, Lambert Academic Publication, Germany. ISBN: 978-3-8454-3273-1.

Book chapters:

1. R. Bansal, **N. Mital** & V. Kumar (2021) "Popularity and Usage Analytics of Social Media Platforms in Higher Education". International Conference on Computational Performance Evaluation (ComPE), 2021, pp 631-635 Elsevier Scopus listed ISBN: 978-166543656-4. DOI: 10.1109/ComPE53109.2021.9752143
2. A. Sharma, A. Kaur, R. Jain and **N. Mital**,(2021) "Education Reform: Role of Social Media in Education," 2021 International Conference on Computational Performance Evaluation (ComPE), 2021, pp. 657-661,Elsevier Scopus listed ISBN: 978-166543656-4 DOI: 10.1109/ComPE53109.2021.9752010.
3. **Neena Mital** and P.R. Lakshmikanthan (2013) Role of Binary Logit Regression in Survey Analysis, Quality and Reliability Engineering: Recent Trends and Future Directions Ch.4, 31-50.Allied Publishers Pvt. Ltd., India. ISBN: 978-81-8424-831-9.

Publications (National/International):

1. **Mital N.** (2021) Enhancing Graduate Employability Skills: Application of Statistical Techniques for Quality Assurance in Industries, Administrative Development: A Journal of HIPA VIII (SI-1), 139-155 UGC Care list, ISSN: 2319-2976.
2. Jain R. & **Mital N.** (2021) Analyzing customer feedback for improved service quality using Binary Logistics Regression Model, Administrative Development: A Journal of HIPA VIII (SI-1), 199-214 UGC Care list, ISSN: 2319-2976
3. Dhusia, D.K., Gupta P., **Mital N.** & Jain R. (2021) Analyzing the Impact of Knowledge and Cultural Factors on e-waste management Practices in India – An Approach towards Sustainability Administrative Development, A Journal of HIPA VIII (SI-1), 185-198 UGC Care list, ISSN: 2319-2976
4. Aggarwal, M.L., Bansal, A., Choudhary, S. R., & **Mital, N.** (2015) Response Surface Designs involving Qualitative Factors Using Moment Aberration Designs, Journal of Indian Association for Productivity, Quality & Reliability: 40 (1) 45-59. ISSN 0970-0102.
5. Aggarwal, M.L., Choudhary, S. R., Bansal, A., & **Mital, N.** (2006). Efficient Three Level Response Surface Designs with Quantitative and Qualitative Factors, Journal of Statistics and Applications (JSA):1 (2-4) 193-201. ISSN 0973-4600.
6. Aggarwal, M.L., Choudhary, S. R., Bansal, A., & **Mital, N.** (2006)Interaction Graphs for $4^{r2^{n-p}}$ Fractional Factorial Designs, Journal of Modern Applied Statistical Methods, University of Wayne, USA:.5 (2) 475-489. ISSN 1538-9472.
7. Aggarwal, M.L., Choudhary, S. R., Bansal, A., & **Mital, N.** (2006). Efficient Response Surface Designs with Quantitative and Qualitative Factors, Journal of the Indian Society of Agricultural Statistic: 60 (2) 90 – 99. ISSN: 0019-6363.
8. Aggarwal, M.L., Choudhary, S. R., Kaul, R., & **Mital, N.** (2006). Blocked non-regular 24-run factorial designs, Journal of the Society of Statistics, Computers and Applications: 4 (1) 47-69. ISSN 2454-7395.
9. Aggarwal, M.L., Choudhary, S. R., Bansal, A., & **Mital, N.** (2006)Hidden projection property for $4^1 2^n$ non-regular fractional factorial designs, Journal of Indian Association for Productivity, Quality & Reliability: 31 (1) 1-18. ISSN 0970-0102.
10. Aggarwal, M.L., Choudhary, S. R., Bansal, A., & **Mital, N.** (2005).Maximum Estimation Capacity of

three-level combined array, Journal of the Indian Society of Agricultural Statistics: 59 (3) 217-227. ISSN 0019-6363.

Conference Organization/ Presentations

International:

1. Presentation: Role of Binary Logit Regression in Survey Analysis (2011) under Technical Session Quality Management at the International Conference on Quality and Reliability Engineering (ICQRE) held in Bangalore on December 20-22, 2011.
2. Presentation: Application of Quality Control Techniques (2011) under Technical Session Quality Evaluation at the International Congress on Productivity, Quality, Reliability, Optimization and Modelling (ICPQROM) held in New Delhi on February 7-8, 2011
3. Presentation: Role of Non-parametric tests in Survey Data Analysis (2011) under technical session Stat-Math at the International Congress on Productivity, Quality, Reliability, Optimization and Modelling (ICPQROM) held in New Delhi on February 7-8, 2011.
4. Participated: International workshop on Six Sigma, Lean Philosophy & Taguchi Methods organized by the Indian Statistical Institute, New Delhi, during 04-05 February, 2011.
5. Participated in International Conference on Design of Experiments Recent Trends and Future Directions, jointly organized by Delhi University and Indian Statistical Institute held at Faculty of Mathematical Sciences, University of Delhi 27-30, Dec, 2001
6. Participated in INDIA JSM 2000-2001 An International Conference on recent Developments in Statistics and Probability and their applications during 30 December, 2000 to 2 January, 2001.

National

7. Enhancing Graduate Employability Skills: Application of Statistical Techniques for Quality Assurance in Industries during ICAMTSD21 4th Sep 2021 (ONLINE)
8. Analyzing customer feedback for improved service quality using Binary Logistics Regression Model during ICAMTSD21 5th Sep 2021 (ONLINE)
9. Analyzing the Impact of Knowledge and Cultural Factors on e-waste management Practices in India – An Approach towards Sustainability during ICAMTSD21 5th Sep 2021 (ONLINE)
10. Paper Presentation: Potential of Cognitive Activities in Delaying Dementia among 60 Plus Population. 34th Annual Meeting of the Indian Society of Medical Statistics (ICMS) held at the Indian Statistical Institute, Kolkata during Dec, 1-3 2016.
11. Presented Poster during event of University of Delhi “Research Display at the Convocation Ceremony 2016” entitled “Study on how Cognitive activities fair better than drugs in delaying dementia among 60 plus population” 19th Nov 2016.
12. Workshop on “Statistical Computing using R” conducted by Department of Statistics, University of Delhi, during September 14-15, 2013.
13. Presentation: Electronic Waste: An emerging threat to Environment (2007) in a refresher course on Environmental Studies conducted by CPDHE, University of Delhi from Feb 15 to March 8, 2007.
14. Presentation: Blocked non-regular 24-run factorial designs (2005) at the 8th annual conference of the Society of Statistics, Computers and Applications held in Amravati (Maharashtra) on November 28-30, 2005.
15. Participated in Recent Advances in Statistical Inference and related areas” held on 16th November, 2003 sponsored by U.G.C Special Assistance Program (SAP) in Department of Statistics.
16. Participated in Recent Advances in Statistical Inference and Related areas held on 1st March,

<p>2003 sponsored in U.G.C Special Assistance Scheme (SAP) in Department of Statistics.</p> <p>17. Participated in Indian Science Congress 88th session, January 3-7, 2001 held at Indian Agricultural Research Institute, New Delhi.</p> <p>18. Participated in “Advanced Lecture Circuit in Design of Experiments” sponsored by Department of Science and Technology (DST) from 3-06- 2000 to 14-04-2001(Saturdays)</p>
<p>Research Projects (Major Grants/Research Collaboration)</p>
<p>❖ Delhi University Innovation Project entitled “Study on how Cognitive activities fair better than drugs in delaying dementia among 60 plus population.” For the Year 2015-16. Grant Received 3.5 Lacs</p>
<p>Awards and Distinctions</p>
<p>❖ Best paper award at TS-15 of International Conference on Computational Performance Evaluation (ComPE) North-Eastern Hill University, Shillong, Meghalaya, “Popularity and Usage Analytics of Social Media Platforms in Higher Education” held online, Dec 1-3, 2021</p> <p>❖ Best Poster award in the Research Display at the Convocation Ceremony of University of Delhi for poster presentation entitled “Study on how Cognitive activities fair better than drugs in delaying dementia among 60 plus population” in Research Display 2016 held on 19th Nov 2016.</p> <p>❖ Certificate of Appreciation awarded for being selected for the Research Display at the Convocation Ceremony 2016 of University of Delhi entitled “Study on how Cognitive activities fair better than drugs in delaying dementia among 60 plus population held on 19th Nov 2016.</p> <p>❖ Nominated as Indian scholar to visit Mauritius under 5th UGC-TEC Consortium Agreement for the year 2011, visited and stayed in Mauritius for one month (29-09-2011 to 30-10-2011), delivered series of lectures and submitted report to University Grant Commission in Nov’2011.</p> <p>❖ Post-Doctoral Research award by University Grant Commission (2009-2012), conducted the Industrial Survey research titled “Application of Quality Control techniques in Indian industries with specific approach to Automobiles”. Submitted the report to University Grant Commission in 2012.</p> <p>❖ Teacher’s fellowship under Faculty Improvement Program (2003-2006) by University Grant Commission for doing Ph.D. Successfully completed Ph.D. and submitted thesis to Delhi University on 14th April’ 2006.</p>
<p>Association With Professional Bodies</p>
<p>❖ Life Member – Indian Society of Medical Statistics</p> <p>❖ Life Member – Society of Statistics, Computer and Applications.</p>
<p>Other Activities</p>
<p>Lectures/Resource Person Talks</p> <p>❖ Delivered a series of talks during one month visit to Mauritius as Indian scholar in 5th UGC-TEC Consortium Agreement (for the year 2011) during October 2011</p> <ol style="list-style-type: none"> 1. Initializing statistics: as a tool in your career. 2. Statistical quality control. 3. Role of non-parametric techniques in survey data analysis. 4. Survey analysis using binary logistic analysis. <p>❖ Resource Person Talk (2011) Initializing Research: Using Statistical Tools during 7th Orientation</p>

Program at BPS Mahila Vishwavidyalaya Khanpur, Haryana, during 6th June 2011 to 4th July 2011, CPDHE, UGC-ASC.

MOOCs completed with e-certification

- ❖ R Programming course By Technical University of Denmark through Coursera Platform certified on 12th July 2020
- ❖ Hypothesis Testing in Public Health By Department of Biostatistics, John Hopkins University, Offered through Coursera Platform certified on 6th May 2020
- ❖ The Data Scientist's Toolbox By Department of Biostatistics, John Hopkins University, Offered through Coursera Platform certified on 18th May 2020
- ❖ Descriptive Statistics with R Software NPTEL UG Mentor2019
- ❖ Six Sigma By IIT Karagpur and NPTEL certified on August 2019
- ❖ Introduction to R By DataCamp certified on 1st Aug 2018

FDP/Webinar participation

- ❖ Participated in One week certificate course entitled "Digital Teaching Techniques" (Online) 29th June -04th July 2020 conducted by ICT Academy
- ❖ Participated in FDP (Online) Learning Workshop 1st-3rd April 2020 conducted by QASPIR
- ❖ Participated in Webinar on Intervention of Technology in Higher Education Amid the Corona Crisis: Are We Future Ready(Online) 13th April 2020 conducted by Elets Tecnomedia.
- ❖ Participated in Webinar on "Strengthening Student Support and Progression" (Online) 21st April 2020 conducted by Keshav Mahavidyalaya & Sri Aurobindo College University of Delhi
- ❖ Participated in Community University Engagement: Moving Towards engaged teaching, research and service(Online) 18th-22nd May 2020 conducted by PRIA International Academy
- ❖ Participated in International Webinar on "Analytics in Corporate World"(Online) 16th May 2020 conducted by Department of Statistics, Little Flower Degree College, Hyderabad.
- ❖ Participated in FDP on "Emotional Intelligence" conducted by ICT Academy from 4th-5th January 2019 held at RLA College, DU.
- ❖ Participated in one week FDP on Hadoop(HORTONWORKS) conducted by ICT Academy from 21st-25th May 2018 held at RLA College, DU.

Signature of Faculty Member