Title	Dr.	First Name	**Seema**	Last Name	**Gupta**	Photograph
Designation		Associate Professor				
Address		Flat No. 505, Block A , Multistorey, Paschimabad, JNU Campus, New Delhi. 110-067.				
Phone No Office		011-24112557				
Residence		011-26741994				
Mobile		9891664133				
Email		seemag_66@yahoo.com				
Web-Page						

Educational Qualifications

Degree	Institution	Year
Ph. D. in Statistics	Department of Statistics, Delhi University	2003
M. Phil in Statistics	Department of Statistics, Delhi University,	1993
M.A. Statistics	Hindu College, University of Delhi	1989
B.A.(Hons.) Statitics	Lady Shri Ram College for Women, University of Delhi	1987

Career Profile

Current: Associate Professor since (2006)
Reader (2003 – 2006)
Senior Lecturer in Readers Scale (2001 – 2003)
Senior Lecturer (1998- 2001)
Lecturer (1991-1998)

Visiting Faculty
1. Department of Statistics, University of Delhi. Taught Fortran, SPSS and Design of Experiments to M.A./M.Sc. Statistics from August, 1999 to December, 2004.

2. Department of Applied Operations Research, South Campus, University of Delhi. Taught Probability and Statistical Methods to M.A./M.Sc. students from August, 2008 to April 2010.

3. School of Computer and System Sciences, JNU from August, 2011 to December, 2011, August, 2012 to December, 2012, and August, 2013 to December, 2013. Taught Probability and Statistics to MCA, student.

4. Mathematical and Computational Empowerment Cell, School of System and Computer

Sciences, during Winter Semester, 2013. June 20th –July 20th, 2013.

5. Institute of Home Economics for Biostatisics from December 1992 to April 1993 and from November 1995 to April 1998.

6. Swami Shradhanand College for Biostatisics from November 1995 to April 1998.

Administrative Assignments

- Convener, Statistics Society
- Co-Convener, Student union advisory committee
- **Co-Convener, Building Cum Infrastructure Committee**
- Convener, Yoga and Meditation Committee
- Member, College Website Committee
- Member, Career Counseling and Placement Cell
- Convener NACC steering subcommittee
- **Member IQAC**
- Coordinator, Mathematics
- Currently Secretary Staff Council (September 2016-2018)
- ConvenorYoga and Meditation Committee (2017-2018)
- Convenor Students' Award Committee (2016-17, 2017-18)
- Co-Convenor Time Table Committee (2016-17)
- Co-Convenor Website Committee (2017-18)

- Teacher's representative on the Governing Body of Ram Lal Anand College from April 1997 to April 1998 and April 2013 to April 2014.

- Member of the Committee of Courses for B.Sc. (Gen.) courses Department of Statistics, Delhi University, from October 1997 to October 1998, October 2005 to October 2007 and October 2015 till date.

- Member of the Committee of Courses for B.Sc. (Hons.) and M.A./M.Sc. courses Department of Statistics, Delhi University, from the Oct. 2003-Oct. 2005.

- Member of the Board of Moderators for B.Sc. (Hons.) Statistics, Annual, 3 year Semester Examination, Four year UG Programme, Four Year Earstwhile UG programme, CBCS since 2012-13 till date.

- Member of the Faculty of Mathematical Sciences, University of Delhi, from 2005 to 2008.

- Member of the Committee to design syllabus of integrated 3 year new course in Statistics in Department of Statistics, University of Delhi in 1998

- Member of the Committee to design syllabus of 3 year Semester based system from 2009 to 2011, syllabus of 4 year undergraduate programme in 2013, and syllabus of CBCS in 2015 in Department of Statistics, University of Delhi.

Areas of Interest / Specialization	
Design Of Experiments, Econometrics, Probability Theory, SPSS	
Subjects Taught	
Probability Theory, Statistical Methods, Design of Experiments, Econometrics.	
Research Guidance	
Involved in supervision and Guidance of ten students in Innovation Project RLA-201 entitled: Seismic Vulnerability Assessment of East Delhi and Mitigation Model based on Fuzzy Logic, (2013-2014)	
Publications Profile	

International:

1. Aggarwal M.L., Gupta S. and Jha M.K., (Mar. 2015), Construction of Cross-over designs for comparing test treatments with control using terraces, *Communications in Statistics – Simulation and Computation*, Vol. 44, issue 3, pp 580 – 590. ISSN 0361-0918.

2. Aggarwal M.L., Jha M.K., Gupta S., and Garland Sarah, (Oct. 2010), Construction of some classes of balanced cross-over designs from terraces, *Journal of Statistical Planning and Inference*, Vol. 140, issue 10, pp 2799-2936. ISSN 0378-3758.

3. Budhraja Veena and Gupta S., (2009), ON non-isomorphic orthogonal arrays OA(3^5, 20, 3, 3), *Metron I,* Vol. LXVII, issue 3 pp 257-267. ISSN 0026-1424.

4. Aggarwal M.L. and Gupta S., (2006), A new method of construction of (r, λ) designs using codes, *Journal of Combinatorics, and System Sciences*, Vol. 31, no. 1-4, pp 189-198. ISSN 0250-9628.

5. Aggarwal M.L. and Gupta S., (May 2004), A new method of construction of multi-level supersaturated designs, *Journal of Statistical Planning and Inference,* Vol. 121, pp. 127-134. ISSN 0378-3758.

National:

1. Gupta Seema, (2009), Some new asymmetric orthogonal arrays from lengthened BCH codes, *IAPQR(Indian Association for productivity, Quality and Reliability) Transactions*, Vol. 34, no. 2. ISSN 0970 – 0102.

2. Aggarwal M.L. and Gupta S., (2003), Nested balanced incomplete block designs derivable from Simplex codes, *Journal of Discrete Mathematical Sciences and Cryptography*, Vol. 6, No. 1, pp. 35-44. Print ISSN: 0972-0529 Online ISSN: 2169-0065.

Conference Participation/ Presentations

1. Participation and abstract in the Pre-ICM ICMS-2008 held at Conference Centre, University of Delhi during December 18-20, 2008.

2. Participated and presented a paper titled "Construction of Nested Partially Balanced Incomplete Block Designs" at the conference titled "International Conference on Interdisciplinary Mathematical and Statistical Techniques IMST 2008/FIM XVI" during May 16-18, 2008, at University of Memphis, **Memphis**, TN 38152.

3. **Chaired a session** at the conference. titled "International Conference on Interdisciplinary Mathematical and Statistical Techniques IMST 2008/FIM XVI" during May 16-18, 2008, at University of Memphis, Memphis, TN 38152.

4. Paper accepted for presentation at the international conference titled "International Conference on Design of Experiments: Theory and applications" organised by University of Memphis, Memphis, 2005, TN 38152.

5. Participated in IISA 2000-2001 INDIA JSM [First joint Statistical Meeting, An international Conference on Recent Developments in Statistics and Probability and Their Applications] during December 30th, 2000 to January 2nd, 2001.

6. Participated in the Pre-ICM ICMS-2008 held at Conference Centre, University of Delhi during January 8-10, 2000.

   National

1. Attended a Faculty Development Programme on Hadoop (HORTONWORKS) conducted by ICT Academy and organized by the Department of Computer Science at Ram Lal Anand College from 21st – 25th May, 2018.

2. Participated in the 4th National Conference on Science and Geopolitics of Himalaya-Arctic-Antarctic (SAGHAA IV) 2017, during 30th November to 1st December 2017.

3. Participated in the National Meet on History of Mathematical Sciences held at Conference Centre, University of Delhi, during January 7-9, 2010.

4. Presented paper titled " **Construction of Nested Balanced Incomplete Block Designs from codes**" in 3-week UGC sponsored Refresher Course in Mathematics entitled " Computational Applied Mathematics" from September 27 to October 18, 2006 by CPDHE.

5. Participated and presented a paper in a one day seminar entitled "Recent Advances in Statistical Inference and Related Areas" held on 1st March 2003 sponsored the U.G.C. Special Assistance Scheme (SAP) in Dept. of Statistics. Paper presented was entitled "**Self Complementary Codes and Designs**".

6. Participated and presented a paper in a one day seminar entitled "Recent Advances in Statistical Inference and Related Areas" held on 16th November, 2002 sponsored by the U.G.C. Special Assistance Programme (SAP) in Department of Statistics. Paper presented was entitled "**Nested Balanced Incomplete Block Design Derivable from Simplex Codes".**

7. Participated and presented a paper in International Conference on Design of Experiments Recent Trends and Future Directions, December 27th – 30th, 2001(jointly organized by Delhi University and Indian Statistical Institute, New Delhi). Paper presented was "**A New Method of Construction of Multi-level Supersaturated Design**".

8. Participated in Indian Science Congress 88th session, 3rd - 7th January, 2001 held at Indian Agricultural Research Institute, New Delhi.

9. Participated in "**Advanced Lecture Circuit in Design of Experiments**" sponsored by Department of Science and Technology (**DST**) on Saturdays from 3rd June 2000 to 14th April, 2001.

Awards and Distinctions

- Qualified Joint CSIR-UGC Test for JRF and Eligibility for Lecturership held in June, 1991 in Statistics

Association With Professional Bodies

Other Activities

Courses and Training Programmes attended/Organised

1. Ram Lal Anand College Conducted an add-on course from 18th to 23rd December 2017 from 9.00 am to 5.00 pm on R programming titled "Analytics Using R".

    Course Coordinator: Dr. Seema Gupta (Department of Statistics)

2. Ram Lal Anand College Conducted a certificate course from May 26th to June 1st 2018 from 9.00 am to 5.00 pm on python programming titled "Data Science and Programming with Python"

    Course Coordinator: Dr. Seema Gupta (Department of Statistics)

3. Participated in a 3-week UGC sponsored Refresher Course in Mathematics entitled " Computational Applied Mathematics" from September 27 to October 18, 2006 by CPDHE.

4. Participated in a 3-week Professional Development Programme Refresher Course in statistics (Stat-3) from April 7-28, 1999 by CPDHE.

5. Participated in a 3-week Professional Development Programme entitled "Refresher Course in Women Studies" from April 13 to May 2nd, 1998 by CPDHE.

6. Participated in a 3-week Professional Development Programme (Refresher Course in statistics) entitled "Statistical Models and Computer Applications" from March 27 to April 17, 1997 by CPDHE.

Signature of Faculty Member