

Bio-data

Name	Dr. RITA JAIN		
Designation and Institution Address	ASSISTANT PROFESSOR IN STATISTICS Ram Lal Anand College, Benito Juarez Marg, South Campus, University of Delhi, Delhi 110021		
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Google Scholar	https://scholar.google.com/citations?user=Y17q4CYAAAAJ&hl=en		
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Researcher ID			
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Educational Qualifications			
Degree	Institution	Year	
Ph.D.(Statistics)	Department of Statistics, Delhi University- Specialisation-Bio-Statistics “A Survival Theory approach to the Analysis of some Demographic Models”	1992-1996	
M.Phil. (Statistics)	Department of Statistics, Delhi University	1984-1986	
M.A. (Statistics)	Hindu College, Delhi University	1982-1984	
B.A.(H) Statistics	Hindu College, Delhi University	1979-1982	
Career Profile			
Assistant Professor - Department of Statistics, Ram Lal Anand College, University of Delhi since 1999			

Administrative Assignments
• Course Co-ordinator -Human Values, Ethics and Life Skills. Conceived and prepared the course curriculum. Successfully organised a 40- hours non-credit course for first year students since 2018-19 till 2021-22, 2025-26 • NSS Programme Officer - June 2020- August 2023 • Member of staff council committees-ICC, Admission committee, Center for Entrepreneurship and Technology Development, Discipline cum Anti Ragging Committee, Function committee, Student' Union Advisory Committee • Convener-Green Campus Society (2022-23, 23-24, 24-25), Co-convener- ECA cum Arts & Culture Committee (2020-21), Workload Committee, Member-IQAC (2021-22)
Areas of Interest / Specialization
Bio-Statistics, Statistical Methods and Applied Statistics
Research Guidance
Involved in supervision and Guidance of ten students in each Delhi University Innovation Project entitled 1. "Study on how Cognitive activities fair better than drugs in delaying dementia among 60 plus population." 2015-16 2. "To study the level of antibiotic resistance in bacterial strains obtained from waste water, treated water, ground water, surface water and drinking water" 2013-2014 3. CRG/RLA/06/2019 titled "An Epidemiological Study on the Physical and Emotional Health of College Students in Delhi". 2019- 4. Summer Internship "Impact of social media on political participation" 2022-23
Publications Profile
<u>Publications (National/International):</u> 1. Rita Jain, Ritwik Vashistha, Pardeep K Sharma (2025); Investigating the Impact of Night Eating Disorder Upon Quality of Life Among University College Students, India; <i>Indian Journal of Community Medicine</i> 50(Suppl 3):p S447-S452, December 2025. DOI: 10.4103/ijcm.ijcm_550_24 2. Lalit Mohan, Shaubhik Anand, Muskan Mittal, Keshav Goyal, Akanksha, Aman Dixit, Rakesh Kumar Gupta, Rita Jain, Perna Diwan (2023); Cross-sectional study: knowledge assessment of youth regarding the global public health threat of antibiotic resistance; <i>Journal of Public Health</i>; 2023-12-19 DOI: 10.1007/s10389-023-02179-7 3. Rita Jain, T Bisht, S Gupta, P Diwan & S Kumar (2023); A Cross-Sectional study of North-East Region of India: Strengthening National Integration through National Cadet Corps (NCC); <i>Journal; Man and Society-ICSSR-NERC-Volume XVIII</i>; 2023-07 4. Dr. Rita Jain, Sajal Jain, Saijal Bajaj (2023); EK BHARAT SHRESHTHA BHARAT: THE ESSENCE OF INTEGRATION AND FRATERNITY; <i>Madhya-Bharti-Humanities and Social Sciences (Print Only)</i>; Peer Reviewed Half Yearly Research Journal-ISSN 0974-0066; June,2023, Vol 84 5. Dr. Rita Jain, Ms. Deboshree Das, Mr. Siddharth Sharma, Ms. Swastika Mohapatra, Ms. Raajvi Khurana (2023). Prospecting Risk factors for Anxiety and Depression among University Students:A Delhi based Cross-Sectional Study; <i>journal of positive psychology and well being</i>; 2023-04 https://journalppw.com/index.php/jppw/article/view/16512/10497

6. **Jain Rita**, Das Deboshree, & John M. Salome. (2022). Body Mass Index as an Indicator of Depression and Stress-induced Eating Disorders among College Students in Delhi, India. Asian Pacific Journal of Health Sciences, 9(3), 184–187. <https://doi.org/10.21276/apjhs.2022.9.3.373>.
7. Deboshree Das, Sanya Malik, & **Rita Jain**. (2021). Cognitive Training: Strategy for Improving Mental Health of Elderly Inmates Living in Old Age Homes across Delhi, India. Asian Pacific Journal of Health Sciences, 8(4), 168–173. <https://doi.org/10.21276/apjhs.2021.8.4.344>.
8. Jain, R., & Kumar, S. (2021). National Cadet Corps (NCC): Its Role in Integrating North Eastern Region (NER) with Mainstream India. Indian Journal of Public Administration, 67(1), 71–86. <https://doi.org/10.1177/00195561211006558>
9. Sabbharwal A., Goyal B., **Jain R.** (December 2020); Truncated Binomial Model to Estimate the Effect of Interactive Workshop on Cognitive Abilities of Elderly People Staying in Old Age Homes in Delhi, India; International Journal of Statistics and Applications 10(4):103-112; DOI:[10.5923/j.statistics.20201004.03](https://doi.org/10.5923/j.statistics.20201004.03)
10. Rehmann, Z., Bansal, S., Malik, S., Mitra, B, Das, D., Mohan, A., Dhingra, J., Suneja, A., Gulati, S., Gupta, A., Dabas S.C., and **Jain. R.** (2020). Book Chapter- “Cognitive Activities help Delay Dementia in 60 plus Population” Springer Nature entitled Asset Analytics, P. K. Kapur et al. (Eds): Decision Analytics Applications in Industry, 978-981-15-3642-7, 491324_1_En, (19).
11. Nain.VK, Khurana. GS., Singh.S.,Vashitha. A., Kumari .S., Singh. A., Aggarwal. N., Arora. A., Khan. A., Thareja. G., Gupta. K, **Jain. R.** and Diwan. P (2015). Antibiotic resistance pattern in bacterial isolates obtained from different water samples of Delhi region. DU Journal of Undergraduate Research and Innovation, 1 (3), 219-227.
12. Suddhendu Biswas and **Rita Jain** (2001); A short note on a Reliability theory approach for obtaining confidence interval of life expectancies at different ages. Assam Statistical Review. 15(2), 42-46. ISSN 0976-4291.
13. **Rita Jain** and Suddhendu Biswas (1994);On a Renewal theory approach for estimating the parity specific fertility rates under intrinsic variation of fecundity level. Demography India. 23(1 & 2) 97-102 ISSN 0970-454X.
14. Suddhendu Biswas and **Rita Jain** (1993);On a Reliability approach to the analysis of interlive birth intervals and parity progression ratios. Demography India. 22 (2) 225-234. ISSN 0970-454X.

Conference Presentations

International:

1. Rehmann, Z., Bansal, S., Malik, S., Mitra,B , Das, D., Mohan, A., Dhingra, J., Suneja, A., Gulati, S., Gupta, A., Dabas S.C., Mital N., and Jain. R. (2018). **Cognitive Activities help Delay Dementia in 60 plus Population**. 9th International Conference on “Quality, Reliability, Infocom Technology and Business Operations (ICQRITBO,18)” jointly organised by Department of Operational Research, University of Delhi and SREQOM held on December 27th -29th , 2018 at Conference Centre, University of Delhi, New Delhi-110007.
2. Nain.VK, Khurana. GS., Singh.S.,Vashitha. A., Kumari .S., Singh. A., Aggarwal. N., Arora. A., Khan. A., Thareja. G., Gupta. K, **Jain. R.** and Diwan. P.(2015). **Antibiotic resistance pattern in bacterial strains obtained from different water samples from Delhi region**. International Conference on “Antimicrobial resistance, Novel Drug Discovery and Development: Challenges and Opportunities” jointly organised by SRM University Haryana, and IAMPV held on March 2nd-3rd, 2015 at India Habitat Centre, Lodhi Road, New Delhi-110003.

National:

1. 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.
2. 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
3. Nain.VK, Khurana. GS., Singh.S.,Vashitha. A., Kumari .S., Singh. A., Aggarwal. N., Arora. A., Khan. A., Thareja. G., Gupta. K, **Jain. R.** and Diwan. P. and Diwan M. (2015).Multidrug resistance in bacterial isolates obtained from different water samples obtained from Delhi Region. symposium on **"Antibiotic Resistance: A Major Global Threat"** organized by Microbiology Department, Bhaskaracharya College of Applied Sciences: March 2016
4. Presented poster during the Annual event of University of Delhi “Antardhwani” entitled **“Antibiotic resistance pattern in bacterial isolates obtained from different water samples of Delhi region”** (February 20th-22nd, 2015).
5. Work presentation entitled **“Antibiotic resistance pattern in bacterial isolates obtained from different water samples of Delhi Region”** at Maitreyi College, University of Delhi, Delhi (February 25th, 2015)

Research Projects (Major Grants/Research Collaboration)

- ❖ **College In-House Project** entitled “An Epidemiological study of emotional and physical health of college students in Delhi” 2019-20. Minor Project 30,000 Only
- ❖ **ICSSR-IMPRESS Project** entitled- “Study of varied complexities of North-East region and role of National Cadet Corps to integrate it strongly within the national mainstream” 2019-20. Minor Project 4.99 Lacs
- ❖ **Delhi University Innovation Project RLA-303** entitled “Study on how Cognitive activities fair better than drugs in delaying dementia among 60 plus population.” 2015-16. Minor project 3.5 Lacs
- ❖ **Delhi University Innovation Project RLA-203** “To study the level of antibiotic resistance in bacterial strains obtained from waste water, treated water, ground water, surface water and drinking water”2013-2014 Major Project 5Lacs

Awards and Distinctions

- ❖ **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.
- ❖ **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.

Association With Professional Bodies

- ❖ Life Member – Indian Society of Medical Statistics
- ❖ Life Member – Society of Statistics, Computer and Applications.

Other Activities

- ❖ **Member Organising Team FDP-Research Writing and Mathematical typesetting with LATEX**, Teaching Learning Center, Ramanujan College, DU in Collaboration with Ram Lal Anand College, DU 7th -13th December, 2023.

- ❖ **Resource Person and course developer-** Online Certificate Course (40 hours) on **Basic Statistics for Biological Sciences**; The Department of Microbiology, Ram Lal Anand College, University of Delhi (Under DBT Star College Scheme); 5th – 6th July, 2021
- ❖ **NEP 2020 Orientation & Sensitization Programme** under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) Organized by **Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi** from 19th December 2023 to 29th December 2023.
- ❖ Successfully completed a 4-Week Faculty Induction/Orientation Programme for **“Faculty in Universities/Colleges/Institutes of Higher Education”** organised by **PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING** from 20 February – 21 March, 2023.
- ❖ Workshop on Introduction On Introduction **‘To Systematic Reviews and Meta-Analysis in Health Research’** at **ICMR-NATIONAL INSTITUTE OF MEDICAL STATISTICS**, 17-18 March, 2021.
- ❖ **SWAYAM ARPIT** Online One Month Course Certification Career Advancement Scheme(CAS) promotion on t Scheme(CAS) promotion on **“Data Analysis for Social Science Teachers”** 17.01.2020-16.02.2020.
- ❖ **UGC Sponsored Refresher Course in Mathematical Science, University of Delhi, UGC-ASC Center for Professional Development in Higher Education**, University of Delhi 24th November-13th December, 2014.
- ❖ Training Program in **“Science Communication”** organised by **Center for science Education and Communication, DU** from 20-22 December, 2016
- ❖ Workshop on **“Statistical Computing using R”** conducted by **Department of Statistics, University of Delhi**, during September 14-15,2013.

Dr Rita Jain
 Assistant Professor
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 Ram Lal Anand College