

Dr. Jyoti Taneja ; **PhD**
Senior Assistant Professor
Department of Zoology
Daulat Ram College
University of Delhi, Delhi-India
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Google Scholar : [Link](#)

PROFILE

Dr. Jyoti Taneja is a distinguished researcher specializing in reproductive health and infectious disease epidemiology, with a strong emphasis on polycystic ovary syndrome (PCOS) and menstrual health. Her work has been instrumental in uncovering the intricate relationship between lifestyle in women's reproductive health.



RESEARCH INTERESTS

Infectious Disease Biology, Epidemiology, Biomedical Research, Drug Designing, Bioinformatics & Computational Biology, Artificial Intelligence & Machine Learning, Reverse Vaccinology based immuno-informatics identification & characterization of novel vaccine candidates for different pathogens

In addition to her contributions to reproductive health, Dr. Taneja is actively involved in machine learning applications in disease biology and vaccine development, leveraging AI-driven approaches to enhance diagnostic precision and therapeutic advancements.

Her expertise extends to infectious disease epidemiology, where she has played a significant role in understanding COVID-19 dynamics, addressing critical public health challenges such as disease severity, breakthrough infections, post-COVID sequelae, and vaccine hesitancy. Her research has been widely published in leading scientific journals, contributing to data-driven public health policies and interventions.

Currently, Dr. Taneja is leading a CSIR-funded project on post-COVID sequelae symptoms, aiming to advance knowledge on long-term health implications of the virus. Through her interdisciplinary approach, she continues to bridge the gap between research, healthcare policy, and technological innovation, driving progress in women's health, infectious disease management, and global public health preparedness.

Teaching Experience: 15 years

POSITIONS HELD

S. No.	Position	Institution/University	Time Period
1	Associate Professor	Daulat Ram College, Delhi University	October 2023

2	Assistant Professor	Delhi University	September 2009- September 2020
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FELLOWSHIP DETAILS

JRF	DBT	Nov 2003-March 2006
SRF	CSIR	April 2007-March 2008
UGC Meritorious Student Scholarship	Delhi University	April 2008-August 2009

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EDUCATIONAL CREDENTIALS

Degree	Subject	Percentage	University/Board/ Year
Ph.D.	Reproductive Biology	First	University 2010
M.Sc.	Zoology	First (74.4%)	University of Delhi

COMPETITIVE EXAMS QUALIFIED

NET 2003 December



COURSES

1. Awarded a certificate in Clinical Research Methods (May 2021-October 2021), Public Health Foundation of India
2. Awarded a certificate in Good Clinical Practice from NIDA, USA. 2025
3. Refresher Course in Science; UGC-HRDC, Jan 02, 2022-Jan 15, 2022; University of Kashmir, Kashmir
4. Faculty Development Program Open source tools for research Teaching Learning Centre; 8th June -14th June 2020; Ramanujan College, University of Delhi
5. Online RC MOOCS platform , Teaching Learning Centre, Ramanujan College, University of Delhi, PMMMNMTT, MHRD
6. Faculty Development Program Environmental Impacts of Covid-19 Pandemic: Challenges and Future Research” 27th May 2020-1st June 2020
7. Faculty Development Program Five Days Online FDP On e-content Development for Teachers School of Education; 1st June 2020-5th June 2020
8. Faculty Development Program "Entrepreneurship, Incubation and Innovation" Teaching Learning Centre, 23-30th June 2020; Ramanujan College, University of Delhi, PMMMNMTT, MHRD
9. One-week Workshop An Introduction to STATA for Medical Statistics Institute of Home Economics & London school of hygiene & Tropical Medicine & UK India Education, 30 Nov 2015- 04 Dec 2015
10. Orientation course OR-85, CPDHE, University of Delhi, CPDHE, University of Delhi; May 20, 2016-June 2016



GRANTS/AWARDS

1. Scholarship award from IUSTI for STI & HIV World Congress, July 2025
2. UGC MERITORIOUS STUDENT SCHOLARSHIP Award (2008-2010)

Prize

1. Awarded 2nd Prize in International Conference "Infections & Immunity" 2021, Daulat Ram College, University of Delhi
2. M.Sc Zoology (First Prize) 2003, Khalsa College, University of Delhi
3. 2nd Prize in Oral Presentation S.S Jain Subodh PG (Autonomous) College
4. September 28, 2019-September 29, 2019, S.S Jain Subodh PG (Autonomous) College, Jaipur(ISS RF) Government
3. Awarded for "Swachh Bharat Abhiyaan" IN 2019 by the Delhi Public Library, Ministry of Cultural, Indian Govt. , Dr. Shyama Prasad Mukherjee, Delhi-110006
4. 2nd Prize for Poster Presentation in National Symposium and Awareness Program March 29, 2017 Daulat Ram College, University of Delhi

RESEARCH PROJECTS

1. AWARDED grant from CSIR ASPIRE LIFE SCIENCE PROJECT (2024-2027)
2. AWARDED Grant from STAR INNOVATION PROJECT (2016-2019) (Incidence of PCOS in Young girls)
3. AWARDED Grant From DU CLUSTAL INNOVATION PROJECT (2013-15) (Heat stress and its acclimation)



EXPERIENCE (ACADEMIC)

- Member Secretary (Institutional Human Ethics Committee) 2026-2027
- Member, Courses Committee, Department of Zoology, University of Delhi, 2026-27
- Principal Investigator, CSIR Project (2024-2027)
- Former Public Information Officer (2021-2022)
- Former Teacher In-charge (2021-22)
- Former GB Member (2020-21)

Responsibilities: Teaching the students of B.Sc. Carrying out research, guiding the students in preparing their project reports, designing curriculum for various courses being run by the university, evaluating the students performance, etc. The overall responsibility is to impart practical and theoretical knowledge to students and prepare them for meeting the challenges of life. Stress is given on developing students with respect for basic human values

Teaching: Teaching various subjects of Zoology Hons. to the Undergraduate Students at College level like Reproductive Biology, Evolution, Biochemistry, Animal Biotechnology,, Recombinant DNA Technology, Bioinformatics, Molecular Biology, Biochemistry and Microbiology

Patent published under review for grant

1. Application No- 202511050556

Title: Vitamin D Prediction System- Cost-Effective AI-Driven Tool for Vitamin D Status Prediction using clinical Metabolic Indicators

Date of Filing: 26/5/2025

Applicant-Shree Guru Gobind Singh Tricentenary University

Inventors- Dr. Joyeta Ghosh, Dr. Ravi Kant, Dr. Jyoti Taneja, Dr. Renuka Sharma and Dr. Shalini Kapoor

PUBLICATIONS

1. Bhardwaj P, Yadav SK, Ghosh J, Kant R, Mangla AG, Muralidhar S, Saluja D, Sikora AE and Taneja J (2026) Prevalence, risk factors, and perceptions of vaccination against reproductive tract infections among urban females in Delhi: a cross-sectional study. *Front. Reprod. Health* 8:1812966. doi: 10.3389/frph.2026.1812966
2. Harnessing Clinical and Biochemical Data for Personalized Cardiovascular Risk Prediction: A Machine Learning Approach Toward Precision Nutrition. Jyoti Taneja, *The Journal of Nutrition*, Volume 156, Issue 3, March 2026, 101363
3. Revolutionizing STI Vaccines: Artificial Intelligence-Driven Discovery of Vaccine Candidates in *Mycoplasma Genitalium*, J Taneja, DR Kant, D Saluja, *SEXUAL HEALTH* 22 (4), 2025
4. Integrating Reverse Vaccinology with Immunoinformatics for Rational Vaccine Target Discovery in *Mycoplasma genitalium*, J Taneja, R Kant, D Saluja, *Venereology* 4 (3), 14, 2025
5. Ghosh, Joyeta, **Taneja J**, Ravi Kant. "Nutritional and lifestyle predictors of rectal bleeding in functional constipation: A machine learning approach." *International journal of medical informatics* vol. 201 (2025): 105963. doi:10.1016/j.ijmedinf.2025.105963.
6. **Taneja, J.**; Ghosh, J.; Kant, R.; Christodoulides, M. Artificial Intelligence in Predicting, Diagnosing and Preventing Sexually Transmitted Infections (STIs). *Venereology* 2025, 4, 5. <https://doi.org/10.3390/venereology4020005>
7. Bhardwaj P, Jetly S, Yadav S, Kaushik R, Naidu K, Saluja D and **Taneja J** (2024). Comparative analyses of symptoms, severity, and breakthrough infections in vaccinated and unvaccinated individuals during three waves of COVID-19 in India. *Acta Virol.* 68:13536. doi: 10.3389/av.2024.13536
8. Mangla A G, Bhardwaj P, Sharma A, **Taneja J**, Mishra R, Naidu K, Saluja D, Jetly S. Treatment modalities of home-isolated COVID-19 patients in India: Lessons learnt.; *Indian Journal of Natural Products and Resources*, Vol. 15(2), June 2024, pp. 313-320; DOI: 10.56042/ijnpr.v15i2.11504, DOI: <https://doi.org/10.56042/ijnpr.v15i2.11504>
9. Bhardwaj P, Yadav SK, Jetly S, Saluja D, **Taneja J**. Unveiling parental perspectives: COVID-19 vaccination for children in India. *J Family Med Prim Care.* 2024 Apr;13(4):1481-1487. doi: 10.4103/jfmprc.jfmprc_1485_23. Epub 2024 Apr 22. PMID: 38827713; PMCID: PMC11142018.
10. **Taneja J**, Arora G, Bhardwaj P, Goyal S, Naidu K, Yadav SK, Saluja D, Jetly S. Adverse events and breakthrough infections associated with COVID-19 vaccination in the Indian population. *J Med Virol.* 2022 Jul;94(7):3147-3154. doi: 10.1002/jmv.27708. Epub 2022 Mar 21. PMID: 35261064; PMCID: PMC9088477
11. Jetly S, Bhardwaj P, Arora G, Saluja, Jetly S, Bhardwaj P, Arora G, Saluja D, Yadav SK, Naidu KP, **Taneja J**. Hesitancy and Acceptance of COVID-19 Vaccination Amidst the Second Wave of Pandemic in India: A General Population Study. *Asia Pac J Public Health.* 2022 Feb 8:10105395221077062. doi: 10.1177/10105395221077062. Epub ahead of print. PMID: 35135358.

12. Yadav, SK., Bhardwaj, P., Gupta, P., Saluja, D., Jetly, S., & **Taneja, J.** (2022). Association of gender, age, and comorbidities with COVID-19 infection in India. *Journal of Integrated Science and Technology*, 10(2), 61-66. Retrieved from <http://pubs.iscience.in/journal/index.php/jist/article/view/1411>
13. Bhardwaj, P., Yadav, SK., Saluja, D and **Taneja, J.** (2022). Association of ABO blood group and antibody class with susceptibility and severity of COVID-19 infection in Indian Population. *Journal of Integrated Science and Technology*, 10(1), 24-28. Retrieved from <https://pubs.iscience.in/journal/index.php/jist/article/view/1409>
14. Bhardwaj P, Yadav SK, **Taneja J.** Magnitude and associated factors of menstrual irregularity among young girls: A cross-sectional study during COVID-19 second wave in India. *J Family Med Prim Care*. 2022 Dec;11(12):7769-7775. doi: 10.4103/jfmpe.jfmpe_1201_22. Epub 2023 Jan 17. PMID: 36994040; PMCID: PMC10041006.
15. Polycystic ovary syndrome risk: efficacy of self-assessment test; **Taneja J et al.** *Int J Reprod Contracept Obstet Gynecol*. 2020 Jul;9(7):2915-2920, pISSN-2320-1770, eISSN-2320-1789
16. Biochemical effects of heat stress and Acclimation, **Taneja et al.**, *DU Journal of Undergraduate Research and Innovation*; Vol 1; Issue 3; pp 49-56; 2015, IF: 0.786, ISSN:2395-2334
17. Data in support of FSH induction of IRS-2 in Human Granulosa Cells through SP1 transcription factor. Kaur S, Anjali G, Bhardwaj P, **Taneja J** and Rita Singh. *Data in Brief*, 6(2016) 162-167
18. FSH stimulates IRS-2 expression in Human Granulosa cells through cAMP/SP1, an Inoperative FSH action in PCOS patients, Anjali G., Kaur S., Lakra R., **Taneja J.**, Kalsey G.S., Nagendra A., Shrivastav T.G., Gouri Devi M., Malhotra N., Kriplani A and Rita Singh, 27, *Cellular Signalling*. 2015, 2452-2466
19. **J Taneja** and Rita Singh. Regulation of insulin receptor and its substrate by follicle-stimulating hormone in granulosa cells. *Reproduction, Fertility, and Development* 20(9), 86-86, 2008

Publication (e-module)

1. Jyoti Taneja and Sonika Sharma. Concept of expressing cloned genes in animal cells, Institute of Life Long Learning, University of Delhi, Feb 2015
2. Evolutionary Biology II, Molecular Phylogeny, Systematics, Biodiversity and Evolution (MZO-004), 2024, e-Gyaan Kosh, Indira Gandhi National Open University, New Delhi. Link: <http://egyankosh.ac.in/handle/123456789/106699>
3. Evolutionary Biology II, Molecular Clock; Systematics, Biodiversity, and Evolution (MZO-004), 2024, e-Gyaan Kosh, Indira Gandhi National Open University, New Delhi. Link: <http://egyankosh.ac.in/handle/123456789/106700>

Book

Laboratory manual of Reproductive Endocrinology and Assisted Reproductive Technology; Edited by Dr. Jyoti Taneja; **Source:** Taylor's & Francis, **Pages:** DOI: 10.1201/9781003408550
Publisher ISBN: 978-1-032-52576-1

Book chapter

1. Studies on Polycystic Ovary Syndrome Risk: Efficacy of Self Assessment Test, Highlights on medicine and Medicinal Science, DOI:10.9734/bpi/hmms/v13/11007D, Chapter-11
 Authored eBook ISBN: 978-93-91473-78-5, eBooks ISBN 978-93-91473-77-8
2. Oocyte Scoring and Embryo quality for successful IVF Implantation. *Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies*, 173-183, Chapter-
3. Assisted Reproductive Technology, *Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies*, Chapter-
4. Retrieval of Oocytes by Inducing Superovulation in Immature Mice, *Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies*, Chapter- , 156-158, 2026
5. Oocyte Scoring and Embryo Quality Grading for Successful IVF Implantation, 173-183, *Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies*, Chapter- 2026

6. Investigating Infertility, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter-18,159-167, 2026
7. Assisted Reproductive Technology: Ethical Principles and Laws in India, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter-22,201-208, 2026
8. The Estrus Cycle in Adult Female Sprague–Dawley Rats Under Normal Conditions, , Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter- 6,76-82, 2026.
9. Artificial Intelligence Tools for Managing Women's Reproductive Health: A Practical Approach for Undergraduate Students, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter- 23, 209-219, 2026
10. Microscopic Examinations of Rat and Human Histological Sections Using Illustrations, Permanent Slides and Photomicrographs, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter-3, 21-51, 2026
11. Estimating and Quantifying Glycogen and Ascorbic Acid Levels in Rat Uterine Tissue, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter-12, 121-128, 2026
J Taneja
12. The Major Endocrine Glands and Reproductive Organs in Male and Female Rats. Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter-2, 16-20, 2026
13. Estimating and Quantifying Fructose in Rat Dorsolateral Prostate and Coagulating Glands, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter-12, 121-128, 2026
14. Birth Control, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter-16, 147-155, 2026
15. Understanding Pregnancy Testing, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter- 15, 141-146, 2026
16. Surgical Techniques in Endocrinology, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter- 4 ,52-69, 2026
17. Studying Exfoliative Cytology of the Human Cervix and Vagina Through Micrographs, Chapter 7, 83-86, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies
18. Study of Protein Profile of Rat Ovarian Extract Using SDS-PAGE, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter- 10, 2026, 106-110
19. Estimating Total Estrogens in Human Serum Samples Using Competitive ELISA, Laboratory Manual of Reproductive Biology and Assisted Reproductive Technologies, Chapter-14, 134-140, 2026, 134-140

CONFERENCE PROCEEDINGS/Oral Presentation/ POSTER

1. Oral Presentation “Revolutionizing STI Vaccines: Artificial Intelligence-Driven Discovery of Vaccine Candidates in *Mycoplasma genitalium*” STI & HIV 2025 World Congress. July 26-30, 2025, in Montreal, Canada.
2. Attended and Poster Presented on “Investigating the prevalence and associated factors of irregular menstrual cycle among undergraduate college girls; National symposium on Frontier in Biomedical Research, November 2-4, 2022; ACBR, DU
3. Phthalates exposure and associated diseases: A systematic review of human epidemiological evidence; February 22-28, 2022; ICMCESA Conference; Mitigating contemporary Environmental issues by sustainable approaches Acharya Narendra Dev College
4. Oral Presentation “In silico study of possible role of phthalates in etiology of neurodevelopmental disorder; ICMCESA Conference Mitigating contemporary Environmental issues by sustainable approaches; February 22-28, 2022
5. Attended and Poster Presented on “Comparative analysis of symptoms, severity and breakthrough infections during COVID-19 in India; November 2-4, 2022; National symposium on Frontier in Biomedical Research, ACBR, DU
6. Presented Poster “Association of Blood group with COVID-19 in Indian Population” ; International Conference “Infection & Immunity” at Daulat Ram College, University of Delhi, Oct 8-Oct 10, 2021

7. Presented Poster “Association of gender, age and comorbidities with COVID-19 in Indian population; International Conference “Infection & Immunity” at Daulat Ram College, University of Delhi, Oct 8-Oct 10, 2021
8. Attended and presented paper on “Exposure of phthalates as Carcinogen: Prenatal and Early Childhood; Oral presentation, Health 2021, Cancer Biology Advances and Challenges, November 11-13, 2021
9. Attended and presented paper on Mechanism of EDCs (BPA and Phthalates) induced carcinogenesis; Cancer Biology Advances and Challenges; November 11-13th, 2021
10. Attended and presented paper on “Effect of EDCs as a carcinogen in pregnancy; Cancer Biology Advances and Challenges; November 11-13th, 2021
11. Attended and Presented Poster in National Symposium Reproductive health in India: Concerns and Awareness; Daulat Ram College, University of Delhi on 31st March 2017.
12. Attended and Presented paper entitled “PCOS : National Conference on Communicable Diseases, Jan 31-1 Feb 2018, Zakir Hussain College, University of Delhi.

Session Chair

1. Session Chair, ICNPHH 2022, Deshbandhu College
2. Session Chair, ICRSMM, at Miranda House, University of Delhi, Nov 15-17 2024
3. Session Chair, ISCB 2025 at Acharya Narendra Dev College, Feb 7-9 2025
4. Session Chair, AMR BioGlobal at Shoolini University, March 9-10, 2026

INVITED LECTURES/TALKS

1. Assessment of self-reported RTI symptoms and Risk factors among urban females with machine-learning-based RTI risk prediction; Global summit on Innovations in Reproductive Biology: Emerging frontiers and Discoveries, BHU, 20-22 Feb 2026
2. The Escalating threat of Antimicrobial resistance in Sexually Transmitted Infections, AMR Global, March 9-10, 2026, Shoolini University, Solan
3. Invited talk, ICRSMM-SRBCE 2024 “Role of SRC family of non-receptor tyrosine kinases in Rat Ovarian Folliculogenesis” at Miranda House, University of Delhi, November 16, 2024
4. Delivered an invited talk entitled “Identification and characterization of Potential Vaccine Candidate using hypothetical proteins from Mycoplasma genitalium: A Reverse Vaccinology Based Approach” at ANDC on February 06, 2025
5. Delivered an Oral Presentation on STI & HIV World Congress 2025 at Montreal, Canada.
6. Invited talk, International Public Health Workshop, Daulat Ram College, University of Delhi, 2022.



Research Trainee

1. Ms. Srishti, [B.Sc](#) Life Science
2. Ms. Yogita, [B.Sc](#) Zoology Hons.
3. Ms. Ayushi pipersaniya, JRF, Ph.D student, CSIR-ASPIRE Project, Delhi University
4. Mr. Tanishq, Ph.D Student, Delhi University
5. Mr. Sundeep Gulia, Ph.D Co-Supervisor, Baba Mastnath University
6. Mr. Asad -B.Tech student, Amity University, Gwalior, MP, India
7. Ms. Ayushi– B.Tech student, Amity University, Gwalior, MP, India
8. Ms. Vidushi, Department of Zoology, Daulat ram College, University of Delhi

9. Ms. Shramana, Life Sciences, Daulat ram College, University of Delhi
10. Ms. Khushi, Department of Zoology, Daulat ram College, University of Delhi
11. Ms. Priyanshi Jain, Department of Zoology, Daulat ram College, University of Delhi
12. Ms. Madiya Khan, Department of Zoology, Daulat ram College, University of Delhi
13. Ms. Aditi Choudhary, Department of Zoology, Daulat ram College, University of Delhi
14. Ms. Shivangi, Department of Zoology, Daulat ram College, University of Delhi
15. Ms. Tanya Agarwal, Department of Zoology, Daulat ram College, University of Delhi
16. Ms. Prerna, Department of Zoology, Daulat ram College, University of Delhi

Resource Person

1. Resource person, Faculty Development program on “UG Research: A way forward for Skill Development UGCF NEP-2020” 22-24 July 2025, Department of Zoology, North campus, University of Delhi
2. Resource person, Research methodology, Student Training Winter workshop on “Academic writing” 2022, Department of Zoology, Daulat Ram College, UG, 18th Dec 2022-15th January 2023, Google Chrome Extensions
3. Resource person, Skill Development Program of ICT 2022, Department of Zoology, Daulat Ram College, UG, Qualitative test for biomolecules and Enzyme assays
4. Resource person, Skill Development Program on hands-on training in Life Science tools and techniques, Department of Zoology, Daulat Ram College, UG, July 13-19, 2022
5. Study of vaginal smear and rat Estrous cycle, Resource person “Skill Development Program of unveiling the animal world in behavioural way, Department of Zoology, Daulat Ram College, UG, March 23 3-April 8, 2023
6. Research methods, statistics and data presentation in Public health, Daulat Ram College and Delhi School of Public Health, IoE, DU, International Public Health Workshop 2022; 17-18 Jan 2022
7. Google Chrome Extensions; Resource person; Skill Development Programme for Life Science Students; Department of Zoology, Daulat Ram College, UG, November 2020
8. Data Collection, Resource person, Student Training workshop, Research Analysis “Tools & Techniques” 2021. Department of Zoology, Daulat Ram College, UG, Aug 16-Aug 21, 2021
9. Resource Person, Lifestyle Management Program, Skill Development, Program, Daulat Ram College, July 3-15, 2017

CONFERENCES/Workshop/Regional meeting

1. World Health Summit Regional meeting, 25 April 2025 to 27 April 2025.
2. National Workshop on the “Role of Machine Learning in genomics and Cheminformatics” at national Institute of plant genome Research (NIPGR), New Delhi, Feb 13-14, 2025
3. SGT University “Antimicrobial Resistance, Novel Drug discovery and Vaccine development: Challenges and Opportunities-Vision 2030; organized by Research and Development cell in association with University of Southampton, united Kingdom and Technology Innovation Hub, IIT Delhi at SGT University on 10-11th March 2025.
4. Attended International conference on Molecular medicine SRBCE, September 9-12, 2023
5. Attended ICMCESA Conference Mitigating contemporary Environmental issues by sustainable approaches; February 22-28, 2022
6. Attended International Conference “Cancer Biology Advances and Challenges”; November 11-13th, 2021
7. Attended “International Symposium on ciliates Biology in Indian Habitat Centre” ISCB 2018
8. Attended National Conference on Communicable Diseases, ZHC, Delhi University, Delhi, 2018
9. Attended 7 day “National symposium cum Faculty development Program”, Miranda House, Jan 15-22, 2018
10. Participated in Research Based Pedagogical Tools Workshop, IISER Mohali, 22-25 Jan , 2017

SKILLS & EXPERTISE

- Public Health Epidemiology
- Reverse Vaccinology-based immuno-informatics
- Life Science
- Artificial Intelligence/Machine learning
- Reproductive Health

MEMBERSHIPS

1. Indian Society for the Study of Reproduction and Fertility (ISSRF).
2. Society for Reproductive Biology and Comparative Endocrinology.

ADDITIONAL ACHIEVEMENTS

1. Convenor, Talk on Connections between reproductive hormones, mental and physical well being that you must know!; February 8, 2023
2. Convenor “Spic Macay Orientation program, SPIC Macay Virasat” 2023-2024
3. Convenor, International Webinar “Unraveling the role of chromatin plasticity at replication forks and its consequences in developing chemoresistances” January 20, 2023
4. Convenor, Inaugural Talk “New generation vaccines and adjuvants”; September 28, 2022
5. Coordinator of Student Development program on ‘Academic writing’ 18.12.22-15.02.23
6. Coordinator for In-House Skill Development Program on ‘Life Sciences: Tools and Techniques’; 19 July 2022
7. Syllabus preparation for SEC paper, Assisted Reproductive technology, 2022
8. Coordinator, Skill Development Program on ICT, 23.22.2021-24.22.2021
9. Coordinator of Student development program on ‘Research Analysis: Tools and Techniques; 16.08.2021-21.08.2021
10. Convenor “International conference on ‘Infections and Immunity’”, October 6-8, 2021.
11. Coordinator; Special Issue “Infection -Immunity”<https://pubs.thesciencein.org/infections-and-immunity/>; ScienceIn; International platform for Publishing of Quality research in Science, Medical and Technology; 2021
12. Convenor “Intercollege Awareness talk on Reproductive Health”, October 06, 2023 Coordinator, Reproductive Health Camp; Daulat Ram College, April 2016
13. Coordinator, Skill Development Program, Lifestyle Management Program, 03.07.2015-15.07.2015
14. Co-ordinator, Sustainable Health Program on PCOS Awareness, 29th September 2016-10th July 2016
15. Coordinator, DU pre-entrance Summer School, 09.05.2017-22.05.2017
16. Convenor of National symposium and awareness program on Lifestyle and Reproductive Health Challenges, Daulat Ram College, 29th March 2017

REFERENCES

1. **Prof. Rita Singh, Department of Zoology, University of Delhi**
2. **Prof. Savita Roy, Principal, Daulat Ram College, University of Delhi**
3. **Emiratus Prof. Daman Saluja, IoE, University of Delhi**