




Faculty Details Proforma

Title	Dr	First Name	Jyoti	Last Name	Taneja	Photograph
Designation	Assistant Professor					
Address	Daulat Ram College, 4 Patel Marg , Delhi-110007					
Email- ID	jyotitaneja@dr.du.ac.in					
Web Page						
Educational Qualification: Ph.D						
Degree	Institution				Year	
Graduation	Delhi University				2001	
Post-Graduation	Delhi University				2003	
NET	CSIR				2003	
Ph.D	Department of Zoology, Delhi University				2010	
Career Profile						
<p>Dr. Jyoti Taneja has conducted significant research in reproductive health focusing on PCOS, EDC use and risk, extending to the epidemiology of infectious diseases COVID. Her studies provided valuable insights into menstrual health, reproductive tract infections and PCOS risk, including the development of self-assessment tools for PCOS risk, has highlighted the complex interplay of lifestyle, environment, and genetic factors in women's health. Dr. Jyoti Taneja is committed to addressing emerging public health challenges with major focus on adverse events, breakthrough infections, symptoms, severity of COVID-19, Post COVID sequelae, association of co-morbidity and ABO blood groups with COVID-19 severity during the pandemic, published in top journals. Dr. Taneja also studied how gender, age, and health conditions affected COVID-19 severity and examined pandemic-related menstrual issues in young girls. Her research examined public perspectives on child COVID vaccination and addressed the issue of vaccine hesiatncy. Dr. Jyoti Taneja is working in</p>						

collaboration with Safdarjung Hospital on STDs and RTIs. Presently she is working on CSIR funded project on POST COVID sequelae symptoms and severity in Indian population.

Administrative Assignments

1. **Convenor, Spic macay, 2023-24**
2. **Convenor, Zoology Society, Koshika, 2022-23**
3. **CoConvenor, Teaching Program Committee, 2022-23**
4. **Teacher Incharge, 2021-22**
5. **Public Information Officer, 2021-22**
6. **Purchase committee member, 2021-22**
7. **UGC Building Committee member, 2020-21**
8. **Governing body Committee member, 2020-21**
9. **Deputy Co-cordinator, DU Pre-entrance Summer School 2017, for Undergraduate Students, 2017**
10. **Screening Committee (Assistant Professor Teaching forms) Sanskrit * Hindi Department, 2017**
11. **Undergraduate admission in B.Sc Hons. Physics, 2016-17 and 2018-19**
12. **Convenor, Life Science Association, 2017-18**

Areas of Interest/Specialization

Signalling pathways in Ovarian Granulosa cells, Piublic health, Reproductive health, Cardiovasuclar diseases, Reproductive tract infections, STD pathogen, reverse vaccinology and antimicrobial resistance in microbes

Subjects Taught

Biomolecules, Metabolism, Reproductive biology, Evolution, Ecology, Molecular Biology, Biostatistics

Research Guidance

1. **Co-Supervisor**
2. **JRF, Research Intern**

Publications Profile

1. 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
2. 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>
3. 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/jfmpe.jfmpe_1485_23. Epub 2024 Apr 22. PMID: 38827713; PMCID: PMC11142018.
4. Arora G, **Taneja J**, 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
 5. 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.
 6. 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>
 7. 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>
 8. 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.
 9. 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
 10. 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
 11. 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
 12. 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 Signaling*. 2015, 2452-2466
 13. 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 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

Conference Organization/Presentation

S. No	Year	Details	Place	Period		
				From	To	
1	2016	Coordinator, Reproductive Health Camp	Daulat Ram College/ Zoology	April 2016		
2	2015	Coordinator, Skill Development Program, Lifestyle Management Program,	Daulat Ram College/ Zoology	3.07.2015	15.07.2015	
3	2016	Co-ordinator, Sustainable Health Program on PCOS awareness	Daulat Ram College/ Zoology	29th September 2016	10th July	
4	2017	Coordinator, DU pre-entrance Summer School	Department of Zoology, University of Delhi	9.05.17	22.05.17	
5	2017	Convenor of National symposium and awareness program on Lifestyle and Reproductive Health Challenges	Daulat Ram College/ Zoology	One day 29th March 2017		
6	2021	Coordinator	Webinar, Online	27-1-21	1 Day	
7	2021	Coordinator of SDP on ICT tools	Online	23.11.21	24.11.21	
8.	2021	Coordinator of Student development program on ‘Research Analysis: Tools and Techniques’	Virtual	16-8-21	21-8-21	
.	2021	Convenor in virtual International conference on ‘Infections and Immunity’	Online	8-10-21	10-10-21	
0.	2021-22	Special Issue “Infection & Immunity” https://pubs.thesciencein.org/infections-and-immunity/	Co-ordinator	ScienceIn International platform for Publishing of Quality research in Science, Medical and Technology	2021	2022
0	2022-23	Coordinator of Student Development program on ‘Academic writing’	Online	18-12-22	15-2-23	
2	2022	Coordinator for In-House Skill Development Program on ‘Life Sciences: Tools and Techniques’	Daulat Ram College	13 July 2022	19 July 2022	

	2022-23	Convenor, International Webinar “Unraveling the role of chromatin plasticity at replication forks and its consequences in developing chemoresistances”	UG	Daulat Ram College	January 20, 2023	
	2022-23	Convenor, Inaugural Talk “New generation vaccines and adjuvants”	UG	Zoological Society “Koshika”	September 28, 2022	
	2022-23	Convenor, Talk on Connections between reproductive hormones, mental and physical well being that you must know!	UG	Zoological Society “Koshika”	February 8, 2023	
0.	2023-24	Spic Macay Orientation program, SPIC Macay Virasat	UG	Spic Macay		
1.	2023-24	Organized an Intercollege Awareness talk on Reproductive Health	UG, PG	Zoology Department	October 6, 2023	
2.	2023-24	Invited talk, ICRSMM-SRBCE 2024		Miranda House, University of Delhi	Nov 16, 2024	
3.	2022-23	Invited talk, International Public health Workshop, 2024		DRC, University of Delhi		

Research Projects (Major Grants/Research Collaboration)

- 1. DU CLUSTAL Innovation Project: Heat stress and acclimation 2013-15**
DU-STAR Innovation Project: Incidence of PCOS in Young Girls CIC-Star Innovation Project March 2016-March 2019
- 2. CSIR-ASPIRE Project, July 2024**

Awards and Distinctions

UGC Meritorious Student Scholarship award

UGC Meritorious Student Scholarship award

M.Sc Zoology (First Prize)

2nd Prize in Oral Presentation S.S Jain Subodh PG (Autonomous) College

Awarded for “Swachh Bharat Abhiyaan” by Delhi Public Library

2nd Prize for Poster Presentation in National Symposium and Awareness Program

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