



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 03-04-2026

## 1. Personal Profile

Title: **Prof.** First Name: **ANJALI** Last Name: **PRIYADARSHANI**

Designation: **PROFESSOR** Mobile No. -----

Phone No. (Office) ----- Phone No. (Residence): -----

Email: **anjali18kumar@kmc.du.ac.in** Webpage: -----



Facebook: ----- Twitter: -----

LinkedIn: ----- Instagram: -----

Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/Anjali-Priyadarshani>

Google Scholar Link: -----

Address: **DEPARTMENT OF ZOOLOGY, 2ND FLOOR, SCIENCE BLOCK, KIRORI MAL COLLEGE, DELHI-110007**

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
Ph.D	ACBR, University of Delhi	2008
B.Ed.	Indrapastha University	2001
M.Sc. Zoology	Miranda House, University Of Delhi	2002
B.Sc. (Hons)Zoology	Daulat Ram College, University Of Delhi	1999

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	PROFESSOR	ZOOLOGY Kirori Mal College	13.Jun.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	PROFESSOR	ZOOLOGY Co-opted member of committee of courses for Under Graduate and Honours in Zoology.	20.Dec.2023 - 19.Dec.2025	Co-opted member of committee of courses for Under Graduate and Honours in Zoology.

CAREER PROFILE	ASSOCIATE PROFESSOR	ZOOLOGY KIRORI MAL COLLEGE, DELHI	31.Jul.2016 - 12.Jun.2023	
CAREER PROFILE	ASSISTANT PROFESSOR	ZOOLOGY KIRORI MAL COLLEGE, DELHI	07.Sep.2005 - 31.Jul.2016	This time period includes all the promotions in between up to Associate Professor
CAREER PROFILE	ASSISTANT PROFESSOR	ZOOLOGY SHIVAJI COLLEGE, DELHI	15.Jun.2005 - 06.Sep.2005	
CAREER PROFILE	ASSISTANT PROFESSOR	ZOOLOGY ZAKIR HUSAIN DELHI COLLEGE, DELHI	16.Jun.2003 - 14.Jun.2005	Ad hoc
ADMINISTRATIVE ASSIGNMENTS	CONVENER	SC/ST CELL KIRORI MAL COLLEGE, UNIVERSITY OF DELHI	23.Apr.2022 - 21.Dec.2024	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	THE SPIC MACAY UNIT KIRORI MAL COLLEGE, DELHI	16.May.2023 - 16.May.2025	
ADMINISTRATIVE ASSIGNMENTS	PROFESSOR	ZOOLOGY KIRORI MAL COLLEGE, UNIVERSITY OF DELHI	23.Dec.2024 - Till date	Departmental Moderation Committee
ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN-CHARGE	ZOOLOGY KIRORI MAL COLLEGE, DELHI	01.May.2017 - 01.May.2019	
ADMINISTRATIVE ASSIGNMENTS	PROFESSOR	PROCTOR & DISCIPLINE COMMITTEE KIRORI MAL COLLEGE, UNIVERSITY OF DELHI	03.Feb.2025 - Till date	AS A LIASION OFFICER
ADMINISTRATIVE ASSIGNMENTS	CONVENER	ECO CLUB KIRORI MAL COLLEGE, DELHI	01.May.2021 - 01.May.2023	
ADMINISTRATIVE ASSIGNMENTS	PROFESSOR	SC/ST CELL KIRORI MAL COLLEGE, UNIVERSITY OF DELHI	03.Feb.2025 - Till date	LIASION OFFICER SC/ST
ADMINISTRATIVE ASSIGNMENTS	CONVENER	SC/ST CELL KIRORI MAL COLLEGE, DELHI	01.May.2023 - 01.May.2025	
ADMINISTRATIVE ASSIGNMENTS	PROFESSOR	ZOOLOGY KIRORI MAL COLLEGE, UNIVERSITY OF DELHI	01.Aug.2025 - Till date	SUBJECT RESEARCH COMMITTEE
ADMINISTRATIVE ASSIGNMENTS	CONVENER	FAPS – THE FINE ARTS & PHOTOGRAPHY SOCIETY KIRORI MAL COLLEGE, DELHI	01.May.2016 - 01.May.2018	
ADMINISTRATIVE ASSIGNMENTS	PROFESSOR	HOSTEL ADMISSION COMMITTEE KIRORI MAL COLLEGE, UNIVERSITY OF DELHI	01.Aug.2025 - 08.Dec.2027	
ADMINISTRATIVE ASSIGNMENTS	PROFESSOR	FAPS – THE FINE ARTS & PHOTOGRAPHY SOCIETY KIRORI MAL COLLEGE, UNIVERSITY OF DELHI	01.Aug.2025 - Till date	MEMBER

ADMINISTRATIVE ASSIGNMENTS	CONVENER	ZOOLOGY COLLEGE, DELHI	KIRORI MAL	01.May.2022 - 01.May.2023	
ADMINISTRATIVE ASSIGNMENTS	ORGANIZER	ZOOLOGY COLLEGE, DELHI	KIRORI MAL	30.Aug.2015 - 30.Aug.2021	Executive Member, Science Setu, an initiative under DBT

#### 4. Other Profiles

##### Other Profile Name/ Description

##### UG/ PG RESEARCH PROJECTS/ INTERNSHIPS

1. Name of the Student: Aditi Sharma, II<sup>nd</sup> Semester, Life Sciences Department, Kirori Mal College, University of Delhi, 7<sup>th</sup> June 2022- 27<sup>th</sup> June 2022

*Topic:* Evidence For Water Pollution And Its Potential Impacts On Biodiversity In Ponds Of Different Regions Of Delhi.

##### UG/ PG RESEARCH PROJECTS/ INTERNSHIPS

1. Name of the Student: RoquiyaTazeen Fatima., V<sup>th</sup> Semester, Life Sciences Department, Kirori Mal College, University of Delhi, 10<sup>th</sup> October 2021-15<sup>th</sup> December 2021

*Topic:* An Online Survey to Understand Occurrence of Microplastic in Personal Care Products Used by Indian Population

##### UG/ PG RESEARCH PROJECTS/ INTERNSHIPS

1. Name of the Student: Reeya Bansal, V<sup>th</sup> Semester, Zoology Department, Kirori Mal College, University of Delhi, 17<sup>th</sup> October 2021-20<sup>th</sup> December 2021

*Topic:* An online survey of diagnosis and management of the polycystic ovarian syndrome in Indian population via questionnaire which helps in the diagnosis of Polycystic Ovarian Syndrome (PCOS).

##### UG/ PG RESEARCH PROJECTS/ INTERNSHIPS

1. Name of the Student: Lakhvinder Singh, VI<sup>th</sup> Semester, Zoology Department, Kirori Mal College, University of Delhi, 20<sup>th</sup> February 2020-5<sup>th</sup> March 2020

*Topic:* To Study Developmental Stages of Chick Embryo in Laboratory Condition

##### UG/ PG RESEARCH PROJECTS/ INTERNSHIPS

- Name of the Student: Zoya, VI<sup>th</sup> Semester, Zoology Department, Kirori Mal College, University of Delhi, 20<sup>th</sup> February 2020-5<sup>th</sup> March 2020

*Topic:* To Study Developmental Stages of Chick Embryo in Laboratory Condition

**UG/ PG RESEARCH PROJECTS/ INTERNSHIPS**

Name of the Student: Simran Verma, VI<sup>th</sup> Semester, Amity Institute of Biotechnology, Amity University, Noida. 20<sup>th</sup> February-31<sup>st</sup> March 2020

*Topic: Morphological and Biochemical assay to Identify the presence of different bacteria on Cleidoic egg and to Study the varying pattern of sensitivity w.r.t antibiotics exposure*

**MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES**

• Life Member of the **Indian Society for the Study of Reproduction and Fertility**, LM 1462

**AWARDS AND DISTINCTIONS**

Best Oral Presentation Zoology NBHH, DBT STAR College Scheme International 27-28 Sept 2021

**AWARDS AND DISTINCTIONS**

Best Poster Presentation	Zoology	ISSRF	International	11-13 Feb 2022
--------------------------	---------	-------	---------------	-------------------

**AWARDS AND DISTINCTIONS**

CSIR-JRF/NET 2001-Name in Top 20% JRF(NET) Awardees in LIFE SCIENCES All over India

**AWARDS AND DISTINCTIONS**

CSIR-JRF/NET 2001 Name in Top 20% JRF(NET) Awardees in LIFE SCIENCES All over India

**5. Research Guidance**

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
------	-----------	-----------------------------------	--------------	--------

**6. Research Projects**

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
------	------------------	--------------------	----------	-------------------	------------------

**7. Publications**

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link
----------	------------------	-------	----------------	-----------------------------

JOURNAL PAPER (International)	Understanding Polycystic ovary syndrome In Light Of Associated Key Genes	Egyptian Journal of Medical Human Genetics/Springer	Tanisha Bhimwal, Puneet, Anjali Priyadarshani (Corresponding Author)	<a href="https://doi.org/10.1186/s43042-023-00418-w">https://doi.org/10.1186/s43042-023-00418-w</a>
JOURNAL PAPER (International)	Recent progress in polymeric biomaterials and their potential applications in skin regeneration and wound care management	Journal of Drug Delivery Science and Technology/Elsevier	Nidhi Tiwari, Dharmendra Kumar, Anjali Priyadarshani, Gaurav K. Jain, Gaurav Mittal, Prashant Kesharwani, Geeta Aggarwal. (Joint Author)	<a href="https://doi.org/10.1016/j.jddst.2023.104319">https://doi.org/10.1016/j.jddst.2023.104319</a>
JOURNAL PAPER (National)	Veritable evaluation and inspection of PCOS and its apropos medicaments.	Indian Journal of Biochemistry & Biophysics	Anjali Priyadarshani, Vanshika Madan , Labani, Perumal Jayaraj. (First Author, Corresponding Author)	<a href="http://op.niscair.res.in/index.php/IJBB/article/view/67023">http://op.niscair.res.in/index.php/IJBB/article/view/67023</a>
JOURNAL PAPER (International)	Investigating the Attitudes and Trends in Mental Health and Contributing Factors in the Undergraduate Students of Delhi University.	Journal of Integrated Science and Technology	Divya Bajaj, Varunendra Singh Rawat, Anjali Priyadarshani, Priyanka Aggarwal, Kanika Malik , Neetu Kukreja Wadhwa (Joint Author)	<a href="https://pubs.thesciencein.org/journal/index.php/jist/article/view/56">https://pubs.thesciencein.org/journal/index.php/jist/article/view/56</a>
JOURNAL PAPER (International)	Crop Residue Burning and Its Relationship between Health, Agriculture Value Addition, and Regional Finance.	Atmosphere/MDPI	Devesh Singh , Sunil Kumar Dhiman , Vijay Kumar , Ram Babu , Karuna Shree , Anjali Priyadarshani , Archana Singh , Leena Shakya , Aparna Nautiyal and Shukla Saluja (Joint Author)	1405. <a href="https://doi.org/10.3390/atmos13091405">https://doi.org/10.3390/atmos13091405</a>

JOURNAL PAPER (National)	Effects of opium alkaloid, noscapine in RU486 induced experimental model of polycystic ovary syndrome.	Indian Journal of Biochemistry & Biophysics	Anjali Priyadarshani (Sole Author)	<a href="http://op.niscair.res.in/index.php/IJBB/article/view/61912">http://op.niscair.res.in/index.php/IJBB/article/view/61912</a>
JOURNAL PAPER (College)	A Comprehensive Review on Potential and Prospects of Traditional Medicinal Plants for management of Coronavirus Disease (COVID-19)	Vantage: Journal of Thematic Analysis	Riya Dahiya , Puneet , Sunil Kumar Dhiman and Anjali Priyadarshani (Corresponding Author)	DOI <a href="https://doi.org/10.52253/vjta.2022.v03i02.08">https://doi.org/10.52253/vjta.2022.v03i02.08</a>
JOURNAL PAPER (International)	Insights into microplastics and their effects on aquatic organisms	Journal of the Oriental Institute M.S. University of Baroda	Puneet, Shreya Yadav, Prakash Tripathi, Anjali Priyadarshani, Mayanglambam Ojtkumar Singh (Corresponding Author)	
JOURNAL PAPER (International)	Relevance of an opioid, noscapine in reducing cystogeneses in rat experimental model of polycystic ovary syndrome.	Journal of endocrinological investigation	Anjali Priyadarshani (Sole Author)	<a href="https://doi.org/10.1007/bf03345755">https://doi.org/10.1007/bf03345755</a>
JOURNAL PAPER (International)	Radiolabeling, biodistribution and gamma scintigraphy of noscapine hydrochloride in normal and polycystic ovary induced rats .	Journal of Ovarian Research/ Springer Nature	Anjali Priyadarshani, Krishna Chuttani, Gaurav Mittal and Aseem Bhatnagar (First Author)	<a href="https://doi.org/10.1186/1757-2215-3-10">https://doi.org/10.1186/1757-2215-3-10</a>

JOURNAL PAPER (National)	A Microbiological Analysis of Egg Shell Bacteria	Vantage: Journal of Thematic Analysis	Simran Verma, Neetu Kukreja Wadhwa, Divya Bajaj, Richa Sharma, Ekadashi Rajni and Anjali Priyadarshani (Corresponding Author)	<a href="https://doi.org/10.52253/vjta.2022.v03i02.01">https://doi.org/10.52253/vjta.2022.v03i02.01</a>
JOURNAL PAPER (International)	The Noscapine Saga: Unravelling a Valuable Jewel from a Poppy Pod—Past, Present and Future	Psychoactives	ANJALI (First Author, Corresponding Author)	10.3390/psychoactives3010001
JOURNAL PAPER (International)	Enhancing oral bioavailability of Ca-DTPA by self double emulsifying drug delivery system (SDED DS)	Drug Dev Ind Pharm.	Vaishali Agrawal, Anjali Priyadarshani, Dharam Pal Pathak & Nidhi Sandal (Joint Author)	10.1080/03639045.2023.2298881
JOURNAL PAPER (National)	Assessment of Air Pollution in Delhi due to burning of firecrackers during the festival of Diwali for 2016-2020	Humanities and Social Sciences Studies	Akhilesh Sajwan , Gauri Yadav , Swati Sharma ,Ojit Singh, Anjali Priyadarshani (First Author, Corresponding Author)	10.13140/RG.2.2.30768.37129
JOURNAL PAPER (International)	A bioinformatics approach to reveal common genes and molecular pathways shared by cutaneous melanoma and uveal melanoma	Egyptian Journal of Medical Human Genetics	Perumal Jayaraj, Tanisha Bhimwal , Khushneet Kaur , Kritika Gupta , Shreya Taluja and Anjali Priyadarshani (Corresponding Author)	<a href="https://doi.org/10.1186/s43042-024-00526-1">https://doi.org/10.1186/s43042-024-00526-1</a>

JOURNAL PAPER (International)	A bioinformatics approach to reveal common genes and molecular pathways shared by cutaneous melanoma and uveal melanoma.	Egypt J Med Hum Genet	Jayaraj, P., Bhimwal, T., Kaur K; Taluja S and Priyadarshani A (Corresponding Author)	<a href="https://doi.org/10.1186/s43042-024-00526-1">https://doi.org/10.1186/s43042-024-00526-1</a>
JOURNAL PAPER (International)	The Noscapine Saga: Unravelling a Valuable Jewel from a Poppy Pod—Past, Present and Future	Psychoactives	Muniba Shan, Rishit Bhatia, Anjali Priyadarshani* (Corresponding Author)	10.3390/psychoactives3010001
JOURNAL PAPER (International)	Enhancing oral bioavailability of Ca-DTPA by self double emulsifying drug delivery system (SDEDDS),	Drug Dev Ind Pharm.	Vaishali Agrawal, Anjali Priyadarshani, Dharam Pal Pathak & Nidhi Sandal (Joint Author)	doi: 10.1080/03639045.2023.2298881
CHAPTER (International)	Natural product based drug discovery against human parasites - Opportunities and challenges	Springer,Nature	Anjali Priyadarshani, Mansi Malik, Cherita K Devi (Corresponding Author)	
CHAPTER (International)	Bioprospecting Marine for the treatment of Human Parasitic Diseases	Springer,Nature Singapore	K. Cherita Devi, Anjali Priyadarshani (Joint Author)	
CHAPTER (International)	A comprehensive textbook of Human Reproductive Biology and Health	Pearsons	Anjali Priyadarshani, Rajendra Phartyal (First Author)	

## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
----------	-----------	-------	----------------	-------------------

## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	College	One day workshop- The Mighty Mouse: Model Organism in Biomedical Research	05.Apr.2023 - 05.Apr.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Invited Lecture Session in National Environment Science Camp National Environment Science Camp, Dudhwa Tiger Reserve	04.Apr.2023 - 04.Apr.2023
2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	International	Oral presentation on "Noscapine as an apropos medicament in alleviating symptomatic features in Polycystic Ovary syndrome in RU486 induced experimental model of Wistar Rats." at the 5th International Conference on Healthcare and Health Management	07.Dec.2022 - 07.Dec.2022
2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	International	Presented a paper in International Conference on The expanding Frontiers of knowledge	20.Sep.2023 - 20.Sep.2023
2022	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ASSOCIATE PROFESSOR	National	Face to face 5 DAYS training programme on "Disaster Risk Reduction Measures for Urban Resilience"	14.Nov.2022 - 18.Nov.2022
2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	International	Delivered a talk through a Zoom lecture -"Exploring Cell structure, function and Cancer Biology"	15.Nov.2022 - 15.Nov.2022
2022	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ASSOCIATE PROFESSOR	National	Face to face 5 DAYS training programme on "Disaster Risk Reduction Measures for Urban Resilience"	14.Nov.2022 - 18.Nov.2022
2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	International	Presented a paper titled 'Covid 19 and scope of Medicinal plants against SARS-CoV2 virus'	11.Aug.2022 - 13.Aug.2022
2021	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSOCIATE PROFESSOR	National	Online FDP on Environmental Audit-1 week	20.Jul.2021 - 23.Jul.2021

2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Conducted a session on "Threats to biodiversity: Habitat loss, Poaching of wildlife, Man-Wildlife Conflict"	12.Jan.2022 - 12.Jan.2022
2021	REFRESHER COURSE ATTENDED	ASSOCIATE PROFESSOR	College	Online Refresher Course- Psychology -2 weeks	12.Apr.2021 - 26.Apr.2021
2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	International	International Conference on Reproductive Healthcare & 32nd Annual Meeting of the Indian Society for the Study of Reproduction and Fertility	11.Feb.2022 - 13.Feb.2022
2020	REFRESHER COURSE ATTENDED	ASSOCIATE PROFESSOR	College	Online Faculty Development Program -2 weeks	14.Mar.2020 - 28.Mar.2020
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	International	Two-Day International Conference via virtual platform on "Nanomedicine: Biomolecules for Human Health (NBHH-2021)"	27.Sep.2021 - 28.Sep.2021
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ASSISTANT PROFESSOR	University	Workshop on Research Methodology- 1 week	10.Sep.2020 - 16.Sep.2020
2020	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	University	Online Faculty Development Program Environmental Impacts of Covid 19 pandemic: Challenges and Research- 1 week	27.May.2020 - 01.Jun.2020
2016	REFRESHER COURSE ATTENDED	ASSISTANT PROFESSOR	University	Refresher Course-4 weeks Life Science and Biotechnology	04.Oct.2016 - 18.Oct.2016
2015	REFRESHER COURSE ATTENDED	ASSISTANT PROFESSOR	University	Refresher Course- 4 weeks (Interdisciplinary Course) Environmental Studies	04.Oct.2016 - 14.Mar.2016
2015	REFRESHER COURSE ATTENDED	ASSISTANT PROFESSOR	University	Refresher Course- 4 weeks (Interdisciplinary Course) Environmental Studies	04.Oct.2016 - 14.Mar.2024
2024	FACULTY DEVELOPMENT PROGRAM ATTENDED	PROFESSOR	National	Faculty Training Program on Bioinformatics	18.Jul.2024 - 19.Jul.2024
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	PROFESSOR	International	Biological Seminar Series	13.Sep.2024 - 13.Sep.2024
2025	FACULTY DEVELOPMENT PROGRAM ATTENDED	PROFESSOR	College	Advances in Environmental Research: Sustainable approaches in water management	20.Mar.2025 - 21.Mar.2025

2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	PROFESSOR	National	Laboratory Animal Research Techniques-Ethics and Welfare	08.Sep.2025 - 09.Sep.2025
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	PROFESSOR	National	Online session on Educating Students about Biodiversity	25.Mar.2025 - 25.Mar.2025

**Prof. ANJALI PRIYADARSHANI**