

Faculty Detail Performa

Name of Faculty

Name	Dr. Jyoti Singh	
Designation	Associate Professor	
Phone No		
Email	jyotisingh@dr.du.ac.in	

Educational Qualification

Degree	Institution	Year
B. Sc.	Lucknow University	2003
M. Sc.	Lucknow University	2005
Ph.D.	Lucknow University	2011

Full-Time Research Experience

Designation	Institute	Time period	Nature of Appointment
JRF	Lucknow University	2 years	temporary
SRF	Delhi University	3 years	temporary
RA	Delhi University	0.5 years	temporary

Full time Teaching Experience

s.no	Designation	Institution	Time Period	Nature of Appointment
1.	Assistant Professor	ARSD College, D.U.	2 years 9 months	Adhoc
2.	Assistant Professor	Daulat Ram College, D.U.	Since 19 Oct 2015	Permanent
3.	Associate Professor	Daulat Ram College, D.U.	Since 05.06.2024	Permanent

Administrative Assignments

Name of Institute	Designation	Status	Time period	Experience
Daulat Ram College	Member	Completed	2016-17	Admission Committee Member
Daulat Ram College	Co-convenor	Completed	2017-18	Co-convenor ECA
Daulat Ram College	Convenor	Completed	2018-2019	Convenor of 57 th Annual day celebration
Daulat Ram College	Convenor	Completed	2018-2019	Convenor ECA (done

				all ECA admission and activities)
Daulat Ram College	Member	Completed	2018-2019	Member College Garden committee
Daulat Ram College	Convenor	Completed	2019-2020	Convenor Grievance committee
Daulat Ram College	Convenor	Completed	2020-2021	Convenor Grievance committee
Daulat Ram College	Member	Completed	2021-2022	Screening member of Music department
Daulat Ram College	Member	Completed	2021-2022	Screening member of Physics department
Daulat Ram College	Member	Completed	2021-2022	Discipline committee member
Daulat Ram College	Member	Completed	2021-2022	Prize committee member
Daulat Ram College	Convenor	Completed	2022-2023	Convenor Indian Classical music and dance society
Daulat Ram College	Member	Completed	2022-2023	Gender champion cell member
Daulat Ram College	TPC Member	Completed	2023-2024	Teaching programme committee member
Daulat Ram College	Governing body Member	Completed	2023-2024	College Governing body member
Daulat Ram College	TIC	Completed	2024-2025	Teaching Incharge (Zoology)
Daulat Ram College	Member	Completed	2024-2025	Purchase committee member
Daulat Ram College	Deputy superintendent	Ongoing	2025-2026	Deputy superintendent for conducting Practical examination of all the courses of Daulat Ram College
Daulat Ram College	Organizing committee member	Completed	2025-2026	Two-week online refresher course organized by Daulat Ram College with Guru Angad Dev Malaviya Mission Teacher Training Centre (MMTTC), SGBT Khalsa College, DU.
Daulat Ram College	TIC	Ongoing	2026-2027	Teaching Incharge B.Sc life Sciences
Daulat Ram College	Convenor	Ongoing	2026-2027	Convenor Zoological Society (Koshika)
Daulat Ram College	Member	Ongoing	2026-2027	Website committee member

Daulat Ram College	Member	Ongoing	2026-2027	Member DRC Social media
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Areas of Interest in Teaching:

Animal Diversity, Animal Behaviour and Chronobiology, Reproductive Biology, Cell Biology

Subjects Taught

S.No	Course	Subject Taught	Semester	Year
1.	B.Sc (H) Zoology	Animal Behaviour, Medical diagnostics, Non-Chordata I	I, III, V,	2022-23
2.	B.sc Life Science	Physiology and biochemistry	VI	2022-23
3.	B.Sc (H) Zoology	Cell Biology Reproductive Biology	II, VI	2022-23
4.	B.Sc Life Science	Animal Diversity	I	2022-23
5.	B.Sc (H) Zoology	Medical diagnostics	III	2021-22
6.	B.Sc (H) Zoology	Cell Biology	II	2019-20
7.	B.Sc (H) Zoology	Non-Chordates I	I	2019-20
8.	B.Sc (H) Zoology	Non-Chordates II	II	2019-20
10.	B.Sc (H) Zoology	Animal Behaviour & Chronobiology	V	2019-20
11.	B.Sc. Life Science	Biodiversity	I	2018-19
12.	B. Sc (H) Zoology & Life Science	Medical diagnostics		2016-17
13.	B.Sc Life Science	Apiculture	V	2016-17
14.	B.Com Hons. B.A. Pol Science	Environmental Studies		2015-16

Research Guidance

1. Aditi Choudhary B.Sc Hons Zoology
2. Neha Saw B.Sc Hons Zoology
3. Payal Jha B.Sc Hons Zoology
4. Gurpreet Kaur B.Sc Hons Zoology

Research projects Completed 2023

NavDhara project: Impact of disruption of circadian rhythm on mental health of female young adults.

Book Chapters/Articles

S.No	Citation	Publisher	Date of publishing	Authored/Edited	ISBN No
1.		CRC Press	6 December 2022	Neha Niharika, Sunita K Yadav,	9781003286424

				Jyoti Singh	
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Research Publications:

International

S.No	Citation	Date of Publishing	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1.Thakur M., Bhardwaj S., Singh J., Senrunga A., Singh J. Three Years of Covid-19 – A Review on India's Journey through Different Variants and Waves (2023)		2023	8.14	yes	IJRTI	2456-3315
2.Malik S, Singh J , Trivedi A K, Singh S, Rani S, and Kumar V. (2015) Nocturnal melatonin levels decode daily light environment and reflect seasonal states in night-migratory blackheaded bunting (Emberizamelanocephala).	6	03/2015	2.90	Yes	Photochemical and Photobiological Sciences	
3 Singh J , Rani S, and Kumar V. (2012) Functional similarity in relation to the external environment between circadian behavioral and melatonin rhythms in the subtropical Indian weaver bird Hormone and Behaviour	25	2012	3.68	Yes	Hormone and Behaviour	
4. Singh J , Rastogi A, Rani S, and Kumar V. (2012) Food Availability Affects Circadian Clock Controlled Activity and Zugunruhe in 73Night Migratory Male Blackheaded Bunting (<i>Emberiza melanocephala</i>). 29:1, 15-25. Impact factor 5.56	7	2012	2.56	Yes	Chronobiology International	
5. Singh J , Budki P, Rani S, and Kumar V. (2011)Temperature alters the photoperiodically controlled phenologies linked with migration and reproduction	27	2011	4.84	Yes	Proceeding of Royal Society B.	

in a night-migratory songbird. Proceeding of Royal Society B. doi:10.1098/rspb.2011.1062. Impact factor 5.06						
6 Singh J , Rani S, and Kumar V. (2010) Presence of a conspecific renders survival advantages in the migratory redheaded bunting: test through the effects of restricted feeding on circadian response and survivorship. 27:1,111-127.	23	2010	2.56	Yes	Chronobiology International	
7. Rani S, Singh S, Malik S, Singh J and Kumar V. (2009) Synchronization of Indian weaver bird circadian rhythm to food and light zeitgebers: Role of pineal. Chronobiology International. 26:4, 653-665. Impact factor 5.56	26	2009	2.56	Yes	Chronobiology International	

Conference Proceedings publication

S.no	Citation	Date of Publishing	Name of conference	Venue of conference	ISBN No
1.Singh J , Budki P, Rani S, Kumar V. (2008) Regulation of seasonal responses in Birds: Role of photoperiod and Biological Clocks. Proceeding of the 4 th CPB meeting in Africa: MARA 2008, “Molecules to Migration: The Pressures of Life”, Madimond pp 487- 496.		2008	“Molecules to Migration: The Pressures of Life”, Madimond	Proceeding of the 4 th CPB meeting in Africa: MARA	
2. Rani S, Malik S, Singh J , Singh S, Kumar V. (2008) The photoperiodic and circadian Control of Migratory 2008restlessness (Zugunruhe) in Palaearctic – Indian Migratory Bunting: A new model for Studying the Migratory Physiology. Proceeding 4 th CPB meeting in Africa: MARA 2008, “Molecules to Migration: The Pressures of Life”, Madimond pp 551-557.		2008	“Molecules to Migration: The Pressures of Life”, Madimond	Proceeding of the 4 th CPB meeting in Africa: MARA	

Administrative work

2021-22	Drafting the syllabus as per UGCF 2022 based on NEP 2020 guidelines Animal Diversity I (Non-chordates)	Member	Daulat Ram College	2021	2022
2021-22	drafting the syllabus as per UGCF 2022 based on NEP 2020 guidelines Animal Diversity II (Non-chordates) setting	Member	Daulat Ram College	2021	2022

Conference Attended and Paper presentation

s.no	Type of Event	Name of Event	Venue of conference	Date of conference	Attended	paper presented	No of papers presented
1	National conference	National Symposium on Avian Biology	National conference	23-25 Feb 2024	Yes	Yes	one
2	International	Circadian disruption and and metal health of Delhi students in 13 th International symposium on Avian endocrinology 22 March 2024.	International	17-22 March 2024	Yes	Yes	one
3	Workshop	Developement of chick and mouse embryo: Experiment and mol techniques	online	12 March 2022	Yes	No	Nil
4	National conference	A multidisciplinary approach towards sustainability: A novel design	Daulat Ram College	23 rd January 2018	Yes	No	Nil
5	International Symposium	International Symposium on Biological Rhythms	Department of Zoology, CCSU, Meerut, India	11-13 March 2019	Yes	Yes	one
6	Workshop	Research based pedagogical tools workshop for science teachers	Daulat Ram College	25 th -27th March 2019	Yes	No	Nil
7	International Conference	International Conference on natural products and human health	Delhi University Conference hall	27 th -29th February 2020	yes	yes	one
8	Symposium	National symposium	Daulat Ram	29th March	Yes	No	Nil

		& awareness program on “Lifestyle and reproductive health challenges”	College	2017			
9	Popular Lecture Series	Popular Lecture Series	ARSD College)	2015	Attended	No	Nil
10	National Symposium	Reproductive Health in India: Concerns and Awareness	Deshbandhu College	2016	Attended	No	Nil
11	International Conference	Public Health: Issues, Challenges, Opportunities, Prevention, Awareness	Daulat Ram College	2016	Attended	No	Nil
12	Symposium	Art Of Grant Writing	Miranda House	2017	Attended	No	Nil
13	Workshop	IndoUs Workshop	University of Delhi	2017	Attended	No	Nil
14	Workshop	Training workshop on Zebrafish as an animal model system	Star Innovation Project, DBT Department of Biochemistry, Department of Zoology, DRC	2017	Attended	No	Nil
15.	International Symposium	International Symposium on Biological Timing and Health Issues in 21 st century	University of Delhi	2017	Attended	Yes	one
16	Training	SERC School in Chronobiology II, 2009	DST sponsored, North-Eastern Hill University, Shillong, Meghalaya	6 - 20 June, 2009	Attended	No	Nil
17	Training	Thematic Workshop on Avian Biology	Gurukula Kangari University, Haridwar	27-30 November, 2008	Attended	No	Nil
18	Training	Hands on Training Workshop on Trends & Techniques in	Hyderabad	November 25-4 December	Attended	No	Nil

		Molecular Neuro-endocrinology,		2006			
19	Training	Workshop on Comparative Endocrinology and Reproductive Physiology,	Delhi University	5-13 October, 2006.	Attended	No	Nil
20	Training	4 th SERC School in Chronobiology,	Annamalai University, Annamalainagar	24 - 4 January, 2006	Attended	No	Nil

Resource Person (Conference/seminar/ workshop/training programme/ educational trips)

S.No	Type of Event	Name of Event	Venue	Date of Event	State your role: Convener/Member organizing committee/ Speaker/ Coordinator	Duration of Activity	No of participant in the programme
1	Orientation programme	Orientation programme for IVth year	DRC	19.6.2026	Coordinator	One day	B.Sc Life Science
2	Field trip	field trip, Nematology department, IARI	IARI	13/11/2025	Coordinator	One day	B.Sc (H) Zoology Ist year
3	Educational visit	Educational visit to Asola Bhatti wild life sanctuary, New Delhi	Asola Bhatti wild life sanctuary	26.3.2025	Coordinator	One day	B.Sc (H) Zoology
4	Field trip	Educational visit to Division of Nematology, ICAR-IARI, New Delhi	IARI	14.11.24	Coordinator	One day	B.Sc (H) Zoology
5	SDP	Course Coordinator In house skill development program, Enhancing learning through ICT tools	DRC	13-14 Sep 2024	Coordinator	One day	B.Sc (H) Zoology
6	Museum Visit	museum visit,	IARI	21.11.25	Coordinator	One day	B.Sc (H) Zoology

		Entomology department, IARI PUSA					
7	Visit to Aquaculture lab	Visit to Aquaculture lab	Kirori Mal College, University of Delhi	24.11.25	Coordinator	One day	B.Sc (H) Zoology
8	SDP	Co-coordinator in In-House Skill Development program on Enhancing Learning through ICT Tools	DRC	12.8.25	Co-coordinator	One day	B.Sc Life Science
9	SDP	Resource person, Skill Development Programme	DRC	2.03.2024	Resource person	One day	B.Sc (H) Zoology
10.	Laboratory visit	Dr. R. Negi	University of Delhi	20.4.2023	Coordinator	One day	B.Sc (H) Zoology
11.	SDP	Unveiling the animal world in behavioral way	DRC	23 rd March 2023- 8th April 2023	Convenor	(30 hours)	B.Sc (H) Zoology, Life Science
12.	Laboratory visit to	Prof Vinod Kumar	University of Delhi	19.1.2023	Coordinator	One day	B.Sc (H) Zoology
13.	Educational trip	Visit to Zoological park	University of Delhi	15.2.2023	Coordinator	One day	B.Sc (H) Zoology
14.	Educational trip	Exhibition "Wings of Wonder ," the first ever on the Raptors of India	WWF-India , 172-B Lodhi estate, Delhi	November 2022	Convenor	One day	B.Sc (H) Zoology
15.	Educational trip	Study the recording of bird activity and animal house keeping	Chronobiology lab, Department of Zoology	November 2022	Convenor	One day	B.Sc (H) Zoology
16.	Training	SDP, Hands on training in Life science; Tools and technique 13-19 July 2021	DRC	13-19 July 2021	Resource Person	One day	Zoology/ Life Sciences Students

17.	Training	In-House Skill development programme under IQAC on Enhancing learning through	DRC	24 November 25, 2021	Resource Person	One day	Zoology/ Life Sciences Students
18.	Educational trip	Zoological garden, Delhi	Delhi Zoo	2018	Convenor organizing committee	One day	B.Sc Life Science I year students
19.	Educational trip	Apiculture PUSA Institute	PUSA Institute	March 2017	Member organizing committee	One day	B.Sc Life Science students (60)
20.	Educational trip	Jim- Corbet National park	Jim- Corbet National park	Feb 2016	Member organizing committee	3 days	B.Sc (H)Zoology
21	Workshop	Bio-tools in Biotechnology	Daulat Ram College	March 2016	Resource person	Three days	30
22	Workshop & International Symposium	IndoUs Workshop & International Symposium on Biological Timing and Health Issues in 21 st century	Zoology Department University of Delhi	2017	Scientific Committee member	Three days	200
23	In-house skill Development programme	Digital Literacy	Department of Zoology, Daulat Ram College	4thJuly-10thJuly 2018	Speaker		15
24	Resource Person , In house Skill development program	Skill development program	Department of Zoology, Daulat Ram College	17 th Aug-19 th Aug 2020	Resource person	3days	60
25	Resource Person , In house Skill development program	Skill development program	Department of Zoology, Daulat Ram College	17December-19 December2020	Resource person	3days	60
26	Screening Committee member	Research	Satyawati College	October2019	Screening for project staff	10 days	

Faculty development programme/Orientation course/Refresher course

S.No	FDP/Refresher Course/ orientation	course Title	Organisers	Venue	Start date end Date)
1	Representing member DRC	Women Leaders: Shaping Academic excellence for viksit bharat 2024, IIT Delhi	IIT Delhi	IIT Delhi	13.12.2024
2	FDP	FDP for 30h on UG research : A way forward for skill development under UGC NEP 2020.	Zoology department, University of Delhi	UGC, Delhi University	20-24 July 2025
3	Faculty enrichment Programm	Practical aspects of applied entomology and animal behaviour (NEP-UGCF)	Hindu College in collaboration with Dyal Singh College and National Centre for Vector -Borne Disease Control	Hindu College	23-24 Sep 2025
4	Online FDP	Wildlife Conservation and Management	Daulat Ram College in collaboration with MHRFDC Hansraj College		4 th -9 th Oct 2021
5	Webinar	Basics of Income Tax & E-Filing of ITR for Salaried Individuals for FY 2020-21”	Department of Commerce, Daulat Ram College, DU		September 1, 2021.
6	Online FDP	Managing Online Classes and Co- creating MOOCS 3.0	Ramanujan College(MHRD sponsored)	-	25 th July -10th August 2020

7	Online FDP	Research Methodology: An overview	ARSD College	-	12 th May, 2020
8	Online FDP	“Zebrafish Model System”	Shivaji College, University of Delhi	-	May 8, 2020.
9	Webinar	National Webinar on “World Environment Day”	Deshbandhu College University of Delhi	-	June 6, 2020
10	FDP	Empowering teaching-learning process using google class-room & other ITC tools: A Comprehensive practical approach	Daulat Ram College	-	21-23 July 2020
11	Online FDP	THE DIGITAL TURN IN EDUCATION: A NEW PATTERN IN TEACHING-LEARNING PRACTICES	ARSD College, University of Delhi	-	20th-22th June, 2020
12	Refresher Course	University Functioning and Blended learning	MHRD/SGBT Khalsa College	SGBT Khalsa College	8 th Dec-20th Dec 2018
13	Orientation Programme	CPDHE OR_89	CPDHE, University of Delhi	CPDHE, University of Delhi	2017 (three weeks)

Awards Won

S.No	Name of Award	Awarding Agency	Government/ NGO/ International/Private	Recognition area	Date of award	Type of Honor
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						received
1.	Best poster award	UGC, DBT, Deshbandhu College	International Conference	Entomology	27 th February 2020	Mentor

Extension Activity (Community related program)

S.No	Type of Activity	Centre and Venue	Title of Event	Role in the event	Date/period of Event	No of members of the community/students /Faculty benefitted
1	Competitions in folk and classical solo and group singing categories	Daulat Ram College	ANOKHI, in collaboration with StarPlus and Hindustan	Coordinator	30 th July	Around 150 students
2.	Cultural programs	Daulat Ram College	72 nd Independence Day, Gandhi Jayanti, 70 th Republic Day	Convenor	Each activity for one day	All the students of DRC
3.	Cultural program	Daulat Ram College	Self-Assessment & Management Workshop (SAM)	Event coordinator	29 th March 2019	All the students of DRC
4.	Cultural Program	Daulat Ram College	Patriotic song competition, under har ghar tiranga, Gov of india	Convenor	6 th August 2022	All the students of Delhi University

Membership of Professional Bodies

S.No	Type of Membership	Organisation	Year of Membership
1.	Life time	Association of avian biologist in India	2018