

Bio-data



Name	Dr. Ranjana Jaiwal	
Date of Birth	15/10/1963	
Designation	Associate Professor	
Nature of appointment	Contractual	
Faculty	Life Science	
Department/Centre/Institute	Zoology	
Date of Joining in the University	15.01.2009	
Date of Retirement	31.10.2023	
Contact Details	Mobile No.	9996307950
	Email id	ranjana.jaiwal.zoo@mdurohtak.ac.in

1. Educational Qualifications (10th and onwards)

S. No.	Degree/ Certificate	Board / University	Passing year
1.	10 th	Allahabad board, UP	1978
2.	12 th	Allahabad board, UP	1980
3.	B.Sc.	Agra University, Agra	1983
4.	M.Sc.	CCS University, Meerut	1985
5.	M.Phil.	CCS University, Meerut	1986
6.	Ph.D.	Banaras Hindu University, Varanasi	1990

2. Teaching/Research experience

S. No.	Post	Name of Institution	Period	
			From	To
1.	Associate Professor	Deptt. of Zoology, M.D. University, Rohtak	Jan. 15, 2021	Oct. 31, 2023
2.	Assistant Professor	Deptt. of Zoology, M.D. University, Rohtak	Jan. 15, 2009	Jan. 15, 2021
3.	Lecturer (Guest Faculty)	Advanced Centre for Biotechnology, M. D. University, Rohtak	2008	2009
4.	DST-Women Scientist, DST, New Delhi	Advanced Centre for Biotechnology, M. D. University, Rohtak	2004	2007
5.	Lecturer (Adhoc)	AIJHM College, Rohtak	1997	1999
6.	Post Doctorate (CSIR-RA)	Department of Biosciences, M.D. University, Rohtak	1992	1996

3. Details of Research Achievements

h-index	Google	18
	SCOPUS	15
Google Scholar link	https://scholar.google.com/citations?user=aOZX8hYAAAAJ&hl=en	
ORCID ID (if any)	0000-0001-8723-9679	
LinkedIn ID (if any)	https://www.linkedin.com/in/ranjana-jaiwal-a219b720b/	
Scopus ID	55294727300	

a. Research Articles in peer-reviewed journals

S. No.	Author(s)	Title	Name of Journal	Volume /ISBN No.	Page	Year
1	Kumari, A., Suhag, A., Jaiwal, Y, Sainger, M., Jaiwal, R., Jaiwal, P. K., & Chaudhary, D.	RNAi-mediated Silencing of Vitellogenin Receptor and Ryanodine Receptor, key genes, by using Carbon Nanotubes for Management of Whitefly (Bemisia tabaci). Physiology and Molecular Biology of Plants	Physiology and Molecular Biology of Plants IF-3.3	(Accepted for publication) Ms. No. PMBP-D-25-00819R1		2025
2	Prajapati, M., Phogat, S., Jaiwal, R., Jaiwal, P. K., Kumar, L., Ahlawat, Y. K., & Chaudhary, D.	Structure-Guided Design and in Vivo Validation of a VP4-Derived Subunit Vaccine Candidate against Bovine Rotavirus.	Molecular Biotechnology IF-2.5	https://doi.org/10.1007/s12033-025-01537-y	1-19	2025
3	Kumari, A., Suhag, A., Jaiwal, R., Jaiwal, P. K., & Chaudhary, D.	Nanoclay-Mediated RNA Interference Targeting Insecticide Receptors Enhances Whitefly Mortality and Reduces Fecundity.	Molecular Biotechnology IF-2.5	doi: 10.1007/s12033-025-01529-y	1-17	2025
4	Phogat S, Yadav J, Chaudhary D, Jaiwal R, Jaiwal PK.	Synthesis of an Adjuvant-Free Single Polypeptide-Based Tuberculosis Subunit Vaccine that Elicits In Vivo Immunogenicity in Rats.	Molecular Biotechnology IF-2.5	doi: 10.1007/s12033-025-01431-7 .		2025
5	Bhoria, S, Saini, P, Chaudhary, D, Jaiwal Ranjana , Jaiwal, PK	Engineering Camelina sativa Seeds as a Green Bioreactor for the Production of Affordable Human Pro-insulin that Demonstrates Anti-diabetic Efficacy in Rats	Molecular Biotechnology IF-2.5	Vol. 67 DOI: 10.1007/s12033-024-01068-y	574-587	2025
6	Prajapati M, Chaudhary D, Jaiwal PK, Jaiwal R, Ahlawat YK.	Optimizing Agrobacterium-mediated transformation efficiency in an Indian cultivar of Trifolium alexandrinum L.	Grass Research IF – 2.2	Vol. 4 e-ISSN: 2769-167 DOI: 10.48130/grares-0024-00185	e019	2024
7	Prajapati, M., Malik, P., Sinha, A., Yadav, H., Jaiwal,	Biotechnological Interventions for the Production of Subunit	Cell Biochemistry and Function	Vol. 42 ISSN: 0263-6484 (print)	e70031	2024

	YK, Ahlawat, YK, Chaudhary, D., Jaiwal, Ranjana, Sharma, N., Jaiwal, PK, Chattu VK	Vaccines Against Group A Rotavirus	IF – 2.7	DOI: 10.1002/cbf.70031		
8	Yadav, A., Suhag, A., Jaiwal, R., Chaudhary, D., and Jaiwal, PK	Current progress and challenges of horizontal gene transfers in whiteflies (<i>Bemisia tabaci</i>) for their sustainable management.	Journal of Asia-Pacific Entomology IF-1.3	Vol. 27 Online ISSN: 1876-7990 DOI: 10.1016/j.aspen.2024.102216	102216	2024
9	Yadav, J, Phogat, S, Chaudhary, D, Jaiwal Ranjana , Jaiwal, PK	Synthesis of plant-based, self-adjuvanted, dual antigen specific to Mycobacterium tuberculosis as a novel tuberculosis subunit vaccine that elicits immunogenicity in rabbit	Biotech Lett IF= 2.1	Vol. 45 ISSN: 1573-6776 https://doi.org/10.1007/s10529-023-03371-1	703–717	2023
10	Malik Pooja, Prajapati Mukta, Chaudhary Darshna Prasad Minakshi, Jaiwal Ranjana , Jaiwal PK	Production of Bovine Rotavirus VP6 Subunit Vaccine in a Transgenic Fodder Crop, Egyptian Clover (<i>Berseem</i> , <i>Trifolium alexandrinum</i>) that Elicits Immune Responses in Rabbit	Molecular Biotechnology IF = 2.5	Print ISSN 1073-6085 DOI: 10.1007/s12033-022-00648-0	65: 1432–1443	2023
11	Suhag A, Kumari A, Jaiwal A, Chaudhary D, Jaiwal PK and Jaiwal Ranjana	<i>In silico</i> designing of effective and specific dsRNAs and siRNAs for post-transcriptional silencing of whitefly <i>Bemisia tabaci</i> genes with minimized off-target effects	Annals of Biology IF=0.316	ISSN: 0970-0153	39: 58–65	2023
12	Bhoria Sapna, Yadav Jyoti, Yadav Honey, Chaudhary Darshna, Jaiwal Ranjana, Jaiwal PK	Current advances and future prospects in production of recombinant insulin and other proteins to treat diabetes mellitus	Biotech Lett IF= 2.1	ISSN: 1573-6776 https://doi.org/10.1007/s10529-022-03247-w	44: 643–669	2022
13	Joon A, Ahlawat J, Aggarwal V, Jaiwal Ranjana , Pundir CS	An improved amperometric determination of xanthine with xanthine oxidase nanoparticles for testing of fish meat freshness	Sensing and Bio-Sensing Research IF=4.9	https://doi.org/10.1016/j.sbsr.2021.100437	33:100437	2021
14	Kumar A, Jaiwal R , Sreevathsa R, Chaudhary D, Jaiwal PK	Transgenic cowpea plants expressing <i>Bacillus thuringiensis</i> Cry2Aa insecticidal protein imparts resistance to <i>Maruca vitrata</i> legume pod borer.	Plant Cell Reports IF = 4.5	https://doi.org/10.1007/s00299-020-02657-2	583-594	2021
15	Kumar A, Sainger M, Jaiwal R , Chaudhary D, Jaiwal PK	Tissue culture- and selection-independent <i>Agrobacterium tumefaciens</i> -mediated transformation of a recalcitrant grain legume, cowpea (<i>Vigna unguiculata</i> L. Walp)	Molecular Biotech. IF = 2.5	https://doi.org/10.1007/s12033-021-00333-8	63: 710–718	2021

16	Suhag A, Yadav H, Chaudhary D, Subramanian S, Jaiwal Ranjana , Jaiwal PK	Biotechnological interventions for the sustainable management of a global pest, whitefly (<i>Bemisia tabaci</i>).	Insect Science IF = 3.0	ISSN:1744-7917 https://doi.org/10.1111/1744-7917.12853	28: 1228–1252	2021
17	Kumar A, Sainger, M, Jaiwal Ranjana , Jaiwal PK and Chaudhary D	An Efficient and Reproducible <i>in vitro</i> Multiple Shoots and Plant Regeneration System for a Recalcitrant Large-seeded Legume, Cowpea [<i>Vigna unguiculata</i> (L.) Walp]	Annals of Agri Bio Research IF = 0.283	ISSN: 09719660	37: 13–17	2021
18	Verma S, Yadav J, Chaudhary D, Jaiwal PK, Jaiwal Ranjana	Insecticidal Activities of Some Botanicals on the Three Species of <i>Callosobruchus</i> ”	Indian Journal of Agricultural Research, 54: 10.18805 /IJARe.A-5376 (NAAS): 5.2	ISSN: 0976-058X https://arccjournals.com/journal/indian-journal-of-agricultural-research/A-5376	54: 738–744	2020
19	Kumar P, Kamboj M, Jaiwal Ranjana , and Pundir CS	Fabrication of an improved amperometric creatinine biosensor based on enzymes nanoparticles bound to Au electrode.	Biomarkers IF= 2.0	ISSN: 1354-750X DOI: 10.1080/1354750X.2019.1682045	24: 739-749	2019
20	Sindhu, M., Kumar, A., Yadav, H., Chaudhary, D., Jaiwal, R. , & Jaiwal, P. K.	Current advances and future directions in genetic enhancement of a climate-resilient food legume crop, cowpea (<i>Vigna unguiculata</i> L. Walp)	Plant Cell, Tissue and Organ Culture (PCTOC) IF = 2.4	ISSN: 0167-6857 https://doi.org/10.1007/s11240-019-01695-3	1-25	2019
21	Yadav J, Verma S, Chaudhary D, Jaiwal PK and Jaiwal Ranjana	Tuberculosis: Current status, diagnosis, treatment and development of novel vaccines.	Current pharmaceutical Biotechnology IF= 2.6	ISSN: 1389-2010 DOI: 10.2174/1389201020666190430114121	20: 446-458	2019
22	Pundir, CS, Kumar P and Jaiwal Ranjana	Biosensing methods for determination of creatinine: A review.	Biosensors and Bioelectronics IF=10.5	ISSN: 0956-5663. DOI: 10.1016/j.bios.2018.11.031	126: 707-724	2019
23	Saini P, Bhoria S and Jaiwal R	In vitro plant regeneration from hypocotyls explants of cucumber cv Poinsett 76.	Annals of Biology IF = 0.316	ISSN: 0971-9660 https://www.cabidigitallibrary.org/doi/pdf/10.5555/20203000815	35: 285-289	2019
24	Bhardwaj V, Kumar P, Verma S and Jaiwal R.	Effect of ultraviolet radiation and some botanicals on development of <i>Callosobruchus</i>	Annals of Entomology -	ISSN: 0970-3721	37: 29-37	2019

25	Kumar P, Narwal Vinay Jaiwal Ranjana and Pundir CS	Construction and application of sarcosine biosensor based on <i>SOxNPs/AuE</i> for determination of prostate cancer.	Biosensors and Bioelectronics IF=12.54	ISSN: 0956-5663 https://doi.org/10.1016/j.bios.2018.09.003	122: 140-146	2018
26	Sindhu M, Kumar A, Sainger M, Jaiwal Ranjana and Chaudhary D	In vitro plant regeneration of Cowpea (<i>Vigna unguiculata</i> (L.) Walp) via direct shoot organogenesis from primary leaf explants.	Annals of Biology IF = 0.316	ISSN: 0970-0153 https://www.cabidigitallibrary.org/doi/pdf/10.5555/20193101731	34: 249-254	2018
27	Verma S, Malik M, Kumar P, Choudhary D, Jaiwal PK and Jaiwal Ranjana	Susceptibility of four Indian grain legumes to three species of stored pest, bruchid (<i>Callosobruchus</i>) and effect of temperature on bruchids	International Journal of Entomology Research RJIIF = 5.24	ISSN: 2455-4758	3: 5-10	2018
28	Sainger M, Jaiwal A, Sainger P A, Chaudhary D, Jaiwal R and Jaiwal PK,	Advances in genetic improvement of <i>Camelina sativa</i> for biofuel and industrial bioproducts	Renewable and Sustainable Energy Reviews IF: 16.799	ISSN: 1364-0321 https://doi.org/10.1016/j.rser.2016.10.023	68: 623-637	2017
29	Birla, D., Malik, K., Sainger, M., Chaudhary, D., Jaiwal, R and Jaiwal, P. K.	Progress and challenges in improving nutritional quality of rice.	Critical Rev. Food and Nutri. IF: 11.2	ISSN: DOI: 10.1080/10408398.2015.1084992	57: 2455-2481	2017
30	Sainger M, Chaudhary D., Dahiya S, Jaiwal R , and Jaiwal PK	Development of an efficient in vitro plant regeneration system amenable to <i>Agrobacterium</i> -mediated transformation of a recalcitrant grain legume blackgram (<i>Vigna mungo</i> L. Hepper)	Physiology and Molecular Biology of Plants IF: 3.02	21/0971-5894 DOI: 10.1007/s12298-015-0315-1	505-517	2015
31	Kumar P, Jaiwal A. and Jaiwal Ranjana	Micro RNAs: Their role in post-transcriptional regulation and expression of gene. Proc. Natl. Seminar on “Innovative Researches in Life Science	Proc. Natl. Sem. on “Innovative Researches in Life Science”	978-81-920945-5-7	110-114	2015
32	Jaiwal A, Kumar P and Jaiwal Ranjana	Application of RNA Interference (RNAi) in Insect Pest Control	Proc. Natl. Sem. On “Innovative Researches in Life Science”	978-81-920945-5-7	15-20	2015
33	Chaudhary D, Sainger M, Kumar A, Yadav H, Sindhu M and Jaiwal Ranjana	Transient gus assay to optimize <i>Agrobacterium</i> mediated genetic transformation of cowpea (<i>Vigna unguiculata</i> L.walp)	Proc. Natl. Sem. on” Innovative Researches in Life Science”	978-81-920945-5-7	26-30	2015
34	Dhayal D, Parasher H, Sharma A, Kumar P Adak T. and Jaiwal R.	Diversity of Culturable Midgut Bacteria of Indian Malarial vector <i>Anopheles Stephensi</i>	J. Internat. Acad. Res. Multidiscip. IF: 1.625	2/2320-5083 https://www.researchgate.net/public	305-311	2014

				ation/320243629_diversity_of_culturable_midgut_bacteria_of_indian_malarial_vector_anopheles_stephensi		
35	Dhayal, D., Sharma, A., Adak, T. and Jaiwal, R.	Effect of <i>Carnobacterium Sp.</i> on <i>Plasmodium</i> Sporogony in <i>Anopheles Stephensi</i> Mosquito	Internatl. J. Life Sci. Res.	3/ 2348-313x	50-54	2014
36	Jaiwal, A. Chaudhary, D. and Jaiwal, Ranjana	Genetically modified crops for developing countries.	Proc. Natl. Sem. On "Next Generation Sciences: Vision 2020 and Beyond (NGSV)	978-81-920945-4-0	312-323	2014
37	Jaiwal, A. and Jaiwal, Ranjana	Genetic reprogramming of animals: Animal Cloning.	Proc. Natl. Sem. On "Next Generation Sciences: Vision 2020 and Beyond (NGSV)	978-81-920945-4-0	324-334	2014
38	Jaiwal R. and Chaturvedi CM.	Four-Hour Temporal Relation of 5-HTP and L-DOPA Induces Inhibitory Responses in Recrudescing Gonad of Indian Palm Squirrel (<i>Funambulus pennanti</i>)	ISRN Endocrinology	2013 doi: 10.1155/2013/206876	1-5	2013
39	Priyanka, Bhardwaj S. and Jaiwal Ranjana	An overview of an autoimmune disease systemic lupus erythematosus.	Proc. Natl. Sem. on "Promising Trends in Sci. Galaxy (PTSG-2013)"	978-81-920945-2-6	195-205	2013
40	Priyanka and Jaiwal Ranjana	Production and Expression of Recombinant Erythropoietin in Plants	Proc. Natl. Sem. on "Promising Trends in Sci. Galaxy (PTSG 2013)"	978-81-920945-2-6	8-19	2013
41	Janhawi and Jaiwal Ranjana	ATP-dependent Chromatin remodeling	Proc. Natl. Sem. on "Promising Trends in Sci. Galaxy (PTSG 2013)"	978-81-920945-2-6	58-66	2013
42	Jaiwal Ranjana , Dhayal D and Adak T	Symbiotic gut bacteria of insects: disease control & future perspectives.	Proc. Natl. Sem. on Combating Diseases: Cause to cure	978-81-920945-2-6		2012
43	Jaiwal Ranjana , Dhayal D	Low-cost production of insulin for diabetic patient.	Proc. Natl. Sem. on Combating Diseases: Cause to cure	978-81-920945-2-6	45-49	2012
44	Jaiwal Ranjana and Bharadwaj S	Emerging applications of the internet in endocrinology.	Proc. Natl. Sem. on Internet: Applications in Research	978-81-920945-1-9	48-49	2011

45	Dhayal D, Sharma A, Parasher H, Jaiwal Ranjana and Adak T	Polypeptide profiling of <i>Plasmodium</i> infected and uninfected host plasma	Proc. Natl. Sem. on Internet: Applications in Research	978-81-920945-1-9	1-5	2011
46	Jaiwal Ranjana	Inter-relationship between the seasonal adrenal and gonadal cycles of male Indian Palm Squirrel, <i>Funanbulus pennanti</i>	Proc. Natl. Seminar Computing Life: Raw to Refined	978-81-920945-0-2)	254-262	2010
47	Jaiwal Ranjana	Effect of altered adrenal function on seasonal reproduction of Indian Palm Squirrel (<i>Funanbulus pennanti</i>).	Proc. Natl. Conf. on Environ. and health issues: In a changing climatic scenario,	----		2010
48	Sonia, Jaiwal Ranjana and Jaiwal P K	Genetic engineering for storage pest resistance in plants	Physiol. Mol. Biol. Plants IF: 3.02	13/ 0971-5894 https://www.researchgate.net/publication/286675589_Genetic_engineering_for_storage_pest_resistance_in_plants	101-113	2007
49	Chowdhury S, Madanpotra S, Jaiwal Ranjana , Saini R, Kumar PA and Jaiwal PK	<i>A. tumefaciens</i> mediated high frequency genetic transformation of cowpea (<i>V. unguiculata</i>) and transmission of transgenes to progeny.	Plant science IF = 5.36	172/ 0168-9452 https://doi.org/10.1016/j.plantsci.2006.11.009	692-700	2007
50	Jaiwal Ranjana and Chaturvedi C M	Seasonal and diurnal variations in the hormonal profile of thyroid in relation to gonadal cycle of Indian Palm Squirrel, <i>Funanbulus Pennanti</i>	J. Environ. Biol. IF = 0.224	17/ 0254-8704	93-100	1996
51	Jaiwal Ranjana and Chaturvedi C M	Elimination of testicular regression by 12 h temporal relationship of serotonergic and dopaminergic activity in Indian Palm Squirrel, <i>Funanbulus pennanti</i> .	J. Neural Transmission (Springer-Verlag) IF = 3.85	0300-9564 (Print) https://doi.org/10.1007/BF01249108	45-52	1991
52	Jaiwal Ranjana and Chaturvedi C M	Temporal synergism of neurotransmitter affecting drugs and seasonal reproductive responses of Indian Palm Squirrel, <i>Funanbulus pennanti</i> .	J. Neural Transmission (Springer-Verlag) IF = 3.85	0300-9564 (Print) DOI: 10.1007/BF01245443	31-40	1990
53	Jaiwal Ranjana , Chaturvedi CM and Dubey LB	Cloacal gland and testicular response of Japanese quail to male hormones and photoperiod interaction	Trends Life Sci	3	1-6	1988
54	Jaiwal Ranjana and Chaturvedi C M	Serotonergic and dopaminergic drugs in the regulation of seasonal reproduction of Indian Palm Squirrel, <i>Funanbulus pennanti</i> .	Proc. Natl. Symp. on current status of Gen. Comp. Endo	-	76-77	1988

b. Book chapters

S. No.	Title	Author's	Publisher	Year of publication
55	RNA Interference (RNAi): A powerful tool for crop improvement and stress resilience.	Ahlawat A. Nara S. Kumari A. Ahlawat YK. Jaiwal Ranjana , Jaiwal PK. Chaudhary D.	In: Next-generation strategies for crop improvement. Springer Nature publishers. Switzerland DOI: 10.1007/978-981-95-0309-4_7	2025
56	Vitamin B6-, C- and E-enrichment in crops	Pawan K Jaiwal, Anil K. Chiller, Darshana Chaudhary, Ranjana Jaiwal	In: <i>Nutritional Quality Improvement in Plants</i> . Springer Nature Publisher, Switzerland https://doi.org/10.1007/978-3-319-95354-0_8	2019
57	<i>Agrobacterium Protocols: Sesame (Sesamum indicum L.)</i>	Kapoor, S., Parmar, S. S., Yadav, M., Chaudhary, D., Sainger, M., Jaiwal Ranjana , and Jaiwal, P. K	In: Methods in Molecular Biology, Wang, K. (ed.), Volume 2, 1224, USA https://doi.org/10.1007/978-1-4939-1658-0_4	2015
58	GM Crops for Developing World in the Era of Climate Change: For Increase of Farmer's Income, Poverty Alleviation, Nutrition and Health.	Sainger M, Sainger P A, Chaudhary D., Jaiwal Ranjana , Singh RP, Dhankher OP, and Jaiwal PK	In: Genetic manipulation in plants for mitigation of climate change, Springer Nature publishers. Switzerland Springer DOI: 10.1007/978-81-322-2662-8_11	2015

c. Book

1	Nutritional Quality Improvement in Plants	Pawan K Jaiwal, Anil K. Chiller, Darshana Chaudhary, Ranjana Jaiwal	Springer Nature publisher, Switzerland. DOI: https://doi.org/10.1007/978-3-319-95354-0	2019
2	Anti-microbial peptides: From science to applications.	Anil K. Chiller, Pawan K Jaiwal, Ranjana Jaiwal, Darshana Chaudhary and Yogesh K. Ahlawat	Elsevier publishers ISBN: 9780443366949	2025

4. Research & consultancy Projects

S. No.	Title of project	Duration	Funding Agency
1.	Neuroendocrine regulation of seasonal reproduction in female Indian palm squirrel (<i>Funambulus pennanti</i>)	5-years	CSIR, New Delhi
2.	Evaluation of transgenic mungbean plants for resistance to bruchids	3-years	DST, New Delhi
3.	Low-cost production of Insulin for diabetic patients	3-years	UGC, New Delhi
4.	Identification of novel vital genes of a world pest, whitefly for their control via RNAi approach	1-year	RK Foundation, MDU, Rohtak
5.	Synthesis of dsRNAs of whitefly vital genes for their control via RNAi approach	1-year	RK Foundation, MDU, Rohtak

5. Research Supervision Overview

S. No.	Level	Degree Awarded	Thesis Submitted/pursuing
1	Ph.D.	6	2
2	P.G.	More than 75	7
3	U.G.	NA	NA

6. Patents/technology developed NIL

S. No.	Year	Particulars / Details	Published/Granted

7. Honors & Awards NIL

S. No.	Title of Award	Awarding Agency	Particulars / Details

7. Details as Resource person (Seminar / Conference / Lectures delivered etc.)

S. No.	Details	Number in total	
		National	International
a	Seminar	10	5
b	Conference	5	4
c	Workshops	5	3
d.	Any other	-	-

8. Membership details of Statutory Committees of this University

S. No.	Period	Particulars / Details
7.	2010-2023	✓ Member, Departmental committee
8.	2010-2023	✓ Curriculum Development UG (General and Hons.)
9.	2010-2023	✓ PG/Ph.D. curriculum development
10.	2010-2023	✓ Member admission committee, anti-ragging committee, and sexual harassment committees of the Department of Zoology, M.D. University, Rohtak
11.	2010-2023	✓ Member of Syllabi enrichment committee
12.	2010-2023	✓ Acted as Organizing Secretary/Joint Organizing Secretary of National/International Seminars organized by the Department of Zoology/faculty of Lifesciences
13.	2015-2021	✓ IQAC officer of the Department
14.	2018-2020	✓ Member, Academic Council, M.D. University, Rohtak
15.	2014-2015 2019-2020	✓ Member, Faculty of Life Sciences, M.D. University, Rohtak
16.	2011-2013	✓ Member, UGBOS, Department of Zoology, M.D. University,

	2018-2020	Rohtak
17.	2013-2015 2019-2021	✓ Member, PGBOS, Department of Zoology, M.D. University, Rohtak
18.	2010-2012 2013-2015 2017-2019 2021-2023	✓ Member, DRC, Department of Zoology, M.D. University, Rohtak

9. Any other Achievements:

S. No.	Period	Particulars / Details
1.	2013 to date	Reviewer of research papers for several journals

Ranjana Jaiwal