

## Faculty Profile



**Name** : **Dr Nisha Jain**

**Present Status** : **Professor of Zoology**  
**Government College, Chimanpura ,Jaipur (Raj)**

**Date of joining** : **27.01.1992**

**Date of ordinance** : **30.09.1995**

### **Educational Qualification :**

<i>Name of Exam</i>	<i>University</i>	<i>Year</i>	<i>Remark</i>
<b>Post Doc Fellowship</b>	U G C	2017	<b>Environment</b>
<b>Ph.D.</b>	U.O. R.	2002	<b>Toxicology</b>
<b>M.Sc. (Zoology)</b>	U.O. R.	1990	<b>Topper Rad<sup>n</sup>bio.</b>
<b>B.Sc. (Zoology Hons.)</b>	U.O. R.	1988	<b>Gold- Medalist</b>

### **Government colleges served:**

<b>S.No.</b>	<b>Name of College</b>	<b>From</b>	<b>To</b>
<b>1.</b>	M. L.V. Government College Bhilwara	<b>27.01.1992</b>	<b>15.07.1996</b>
<b>2.</b>	Government College Kota	<b>16.07.1996</b>	<b>02.08.1998</b>
<b>3.</b>	Government Dungar college Bikaner	<b>03.08.1998</b>	<b>20.07.2003</b>
<b>4.</b>	Pt. N.K.S.Govt PG College,Dausa	<b>21.07.2003</b>	<b>31.03.2015</b>
<b>5.</b>	University of Rajasthan, Jaipur	<b>01.04.2015</b>	<b>31.03.2017</b>
<b>6</b>	Government College Tonk	<b>01.04.2017</b>	<b>19.09.2019</b>
<b>7</b>	Government College Jaipur	<b>20.09.2019</b>	<b>29.08.2022</b>
<b>8</b>	Government College Chimanpura	<b>30.08.2022</b>	<b>Cont.</b>

## **Teaching / Research Experience:-**

- Teaching experience of 32 years of under graduate classes.
- Teaching experience of 14 years of Post graduate classes.
- Teaching experience of 05 years of M.Phil classes
- Research Experience of 25 years

## **Project Completed :**

1. Reproductive Toxicity of organophosphate pesticide. UGC, New Delhi
2. Assessment Of Potable Water Quality of some villages of Jaipur District, India  
UGC New Delhi
3. Solid Waste Management Of Temple Floral Offerings Of Jaipur City.UGC N.Delhi.

## **Life Membership of the Societies:**

1. Indian Society for the study of reproduction and fertility(ISSRF)
2. Indian Society for Radiation Biology (ISRB)
3. The Bioscan
4. Zoological Society of India
5. ISCA

## **Courses attended:**

1. 31<sup>st</sup> Orientation course, 1996, ASC, Jaipur
2. 10<sup>th</sup> Refresher Course on Zoology, 1997, ASC, Jaipur
3. 40<sup>th</sup> Refresher Course on Zoology, 2003, ASC, Jaipur.
4. 47<sup>th</sup> Refresher Course of Environment - 2004, ASC, Jaipur.
5. Faculty Development programme on Entrepreneurship by EMI and DST ,2010,Jaipur
6. Faculty Development programme on Entrepreneurship by NSTEDS and DST ,2013,JPR
7. Faculty Development programme on An initiative for teaching learning experience in Zoology,Gyan Ganga by CCE and SPC Government College Ajmer.2021

## LIST OF RESEARCH PAPERS PUBLISHED / COMMUNICATED

1. Joshi S.C., Verma P.K., Sharma M and **Choudhary N** (2001) : Environmental Contaminants and reproductive toxicity : *A review Ind. J. Environ. Sci. 5(1) 1-10.*
2. **Choudhary N**, Sharma M, Verma P.K. and Joshi S.C. (2002) : Effect of short-term endosulfan exposure on haematology and serum analysis of male rat. *Ind. J. Toxicol. Vol. 9 (2) 83-87.*
3. Joshi S.C., Verma P.K., Sharma M and **Choudhary N** (2002) : Effect of beyomyl (A Benzimidazole fungicide) on testicular cell population dynamics and fertility of male rat. *Bull Env. Sci, Vol. XIX, 17-21.*
4. **Choudhary N** and Joshi S.C. (2002) : Reproductive toxicity of endosulfan in male albino rats. *Bull Environ. Contam. Toxicol 70 : 285-289.*
5. **Choudhary N**, and Joshi S.C. (2003) : Hepato and Nephro toxicity in rat exposed to endosulfan. *J. Environ. Biol. 24(3) 305-308.*
6. **Choudhary N**, Goyal R and Joshi S.C. (2005) : Effect of malathion on cell population dynamics and fertility of male rat. *National Journal of life science. Vol 02 (1).*
7. Joshi S.C., Goyal R. and **Choudhary N** (2005) : Effect of lindane on hematology and serum parameters of male albino rats. *National Journal of life science. Vol 02 (1) 227-230*
8. **Choudhary N**, Goyal R. and Joshi S.C. (2006) : Hepato and nephrotoxicity in rat exposed to Malathion. *Asian Journal of Microbiology biotechnology and environmental Science. Vol8(4)751-754*
9. Joshi S.C., Goyal R. and **Choudhary N** (2006) : Effect of lindand on fertility and Biochemical markers on male rats. *Asian Journal of microbiology, Biotechnology and environment science. Vol8(4)755-759*
10. **Choudhary N** and Joshi S.C. (2008) : Effect of malathion on reproductive system of male rat. *Journal of environmental biology. 29 (2)259-262.*
11. **Jain N** and Joshi S.C. (2009) : Haemato biochemical profile following subacute toxicity of malathion on albino rat. **Pharmacologyonline2:500-506**
12. **Jain N**, Sharma A. and Joshi S.C. (2009) : Toxic effect of Pesticides on male Reproductive Health .**Journal of Environmental Research and Development (JERAD)(4)1057-1064**

13. **Jain N** and Joshi S.C.(2011):Cauda Epididyal Lesion in male rats after subchronic exposure of malathion..*Research journal of Pharmacological biological and chemical sciences RJPB vol 3,issue 2,190-197.*
14. **Jain N** and srivastva p (2012):Assesment of Potable Drinking water quality of jaipur and its impact on public health . *Journal of chemical biological and physical sciences.sec B 2012 vol2 no 4pg 151-57*
15. **Jain N**, Joshi S C and Srivastva P (2013):Testicular dysfunction in male rat following Endosulfan exposure.Int.j pharm.sci review and research *Int. J. Pharm. Sci. Rev. Res., 19(2), Mar – Apr 2013; 21, 108-113*
16. **Jain N** and Joshi S.C (2015):Toxic influence of endosulfan( organochlorine pesticide) on cauda epididymis structure and function of male rat ; *World journal of Pharmaceutical research ,(WJPR)vol 4 issue 10pp-1495-1505*
17. **Jain N** and Srivastva P (2016): Assessment of Traffic Noise Pollution in Jaipur City and Its Impact on Human Health. *Eur.Jour.Biom.Pharm.Sciences (EJBPS) 2016, Volume 3, Issue 5, 380-384.*
18. **Jain N** (2016): Physio-Chemical Profile Of Drinking Water Of Several Villages Of Jaipur District With Special Refrence To Dental Fluorosis Villages Of Jaipur City. *The Bioscan. 10(1&2): 185-190, 2016*
19. **Jain N** (2016):Waste Management Of Temple Floral Offerings By Vermicomposting And Its Effect On Soil And Plant Growth. *International Journal of Environmental & Agriculture Research (IJOEAR)2016 Vol-2, Issue-7, 89-94*
20. . **Jain N** (2016):Extraction and application of natural Dyes by utilizing Temple Floral waste Tegetus erecta International journal of engineering Technology science and reseach (IJETSRS) Vol4,issue3,144-150
21. **Jain N** (2020):The Ameliorating effects of aquas extract of Zingiber officinales against malathion induced liver Toxicity in male rats(**Communicated**)
22. **Jain N** (2020): Reproductive manifestations of organophosphate pesticide and its mitigation through Zingiber officinales. (**Communicated**)

## **LIST OF CHAPTERS/BOOK PUBLISHED**

- 1 .A review and Environment pollution and Agriculture in book Agrochemicals and reproductive toxicity page 25- 33 Popular publications New Delhi c.81-76483-42002
- 2 .Food in the book Environmental science page92-103 Kota open University 2007
- 3 .Fluoride and health hazards in book water and health page Rawat Publications JaipurISBN NO,81-31608719 2010
4. Conservation status and threats to faunal diversity of Indian desert state Rajasthan a review in the book Environmental toxicology page Pointer Publications Jaipur13-978-8171328833 2016
5. Dramatic impact of covid-19 lockdown on pollution in India in the book covid-19 invisible elusive and advancing energy page RBSA Publications jaipur978-93-87972-36-0 2020

## **RESOURCE PERSON/INVITED LECTURES:**

1. International conference on Radiation biology and Translational Research in Radiation Oncology. Indian society for Radiation Biology, Jaipur ICRB, New Delhi 2008
2. Animal cruelty and Ahimsa with special reference to dissection of animals National workshop on Potential Alternatives to Dissection and animal Experimentation in Zoology, 2009
3. Endosulfan induced testicular Injury International Congress on Environmental Research 2010
4. Floral Vermicomposting a new approach towards waste management International conference on recent trends in chemical science 2017
5. New Education policy 2020:A Boost to research in faculty development program on research Prospective and opportunities 20-24 November 2023

## PAPER PRESENTATION AT CONFERENCES

S.No.	Event	Location	Date
1	81st Indian Science Congress	Jaipur	1994
2	National Seminar on "Desert Women & Environment"	Jaipur	1999
3	National Seminar on Science and Challenges in new millennium	Jaipur	2000
4	XIX Annual Conference of Society of Toxicology	Palampur (HP)	2002
5	11th Annual Conference of Indian Society of Reproduction and Fertility	New Delhi	2001
6	National Conference on recent advances in reproductive health hazard	Jaipur	2003
7	National Conference on Recent trends in radiation biology and cancer research	Bikaner	2004
8	International Conference on Sustainable development and resource utilization : Current trends and perspectives	Jaipur	2005
9	National Conference environment and natural disaster management	Jaipur	2005
10	Second Asia Pacific forum on Andrology	Shanghai, China	2006
11	Environmental pollution. A scientific approach	Jaipur	2006
12	International conference on Bio - fuels Vision	Bikaner	2006
13	Workshop on SLM development for Environmental Science	Kota	2007
14	National Seminar on review of zoology syllabi	Jaipur	2008
15	International conference on Radiation biology and Translational Research in Radiation Oncology	Jaipur	2008
16	International congress on environmental Research	BITS, GOA	2009
17	46th congress of the European society of Toxicology, Eurotox	Dresden, Germany	2009

18	National workshop on Potential Alternatives to Dissection and animal Experimentation in Zoology	Jaipur	2009
19	National conference on technological innovations for sustainable development NCTISD	Bikaner	2009
20	Rashtriya parisamvad	Jaipur	2010
21	International Congress on Environmental Research	Reduit, Mauritius	2010
22	6th Biyani International Conference innovations in the latest health care issues	Jaipur	2011
23	Current trends in the Environmental Toxicology, STOX 2011	Jaipur	2011
24	Short term training programme on national Disaster management	Jaipur	2012
25	National Conference on Environmental Conservation and Management for Sustainable Era	Subodh College, Jaipur	2012
26	Workshop on Building Awareness among Women Consultants in India	RAJCOMP Jaipur	2013
27	National Conference on Environment Issues, Toxicology and Exposure Science	Agarwal College Jaipur	2013
28	National Conference on Biodiversity Conservation	ICG College Jaipur	2013
29	Training Programme on Gender Sensitization	HCM Raj State Inst Pub Adm. Jaipur	2013
30	National Seminar on Reproductive Health Awareness	IIS Univ, Jaipur	2014
31	National Symposium on Green Economy and Natural Products for Sustainable Development	UOR Jaipur	2014
32	National Conference on Green Chemistry Bridge between Energy and Environment	GCD, Dausa (Raj)	2014
33	National Conference on Reproductive Health Challenges: Issues and Remedies	IIS Univ Jaipur	2015
34	National Conference on Herbal Medicines: Current Strategies and Future Prospects	UOR Jaipur	2015

35	National Conference on Environment Impact on Health and its Management	UOR Jaipur	2016
36	National Conference on Environmental Challenges, Human Health and Society	UOR Jaipur	2016
37	National Conference on Mankind Facing Environmental Challenges and Tackling Disaster	V B College and RSPCB, Jodhpur	2016
38	Rashtriya Hindi Vigyan Sammelan	Vigyan Bharti, CCT,UOR,ipur	2016
39	International Conference on Reproductive Health with Emphasis on Strategies for Infertility, Assisted Reproduction...	AIIMS, New Delhi	2017
40	Seminar on Biodiversity, Bioprospecting and Environmental Awareness	Kanoria P.G College, Jaipur	2016
41	National Symposium on Global Environmental Challenges: Present Scenario	UOR Jaipur	2017
42	International Conference on Environmental Awareness Protection and New Challenges	Wilfred College, Jaipur	2017
43	International Conference on Environmental Impact on Biodiversity, Sustainability and Quality of Life	Maharanis College, UOR, Jaipur	2017
44	National Seminar on Cancer Prevention and Treatment Strategies	Department of Zoology, UOR, Jaipur	2017
45	National Seminar on Excellence in Higher Education the Road Ahead	Government PG College, Dausa	2017
46	National Seminar on Innovative Approaches in Biosciences	Kanoria College, Jaipur	2017
47	International Conference on Recent Advances at Interfaces of Physical and Life Sciences	University of Rajasthan, Jaipur	2019
48	National Conference on Literature and Social Movements	Subodh College Jaipur	2019



49	National Conference on Human Rights are Women's Right and Women's Right are Human Right	Government College Jaipur	2019
50	National Conference on Climate Change and Sustainable Development Issues and Policy Initiatives	Subodh College Jaipur	2019
51	National Webinar on Physical and Mental Health during COVID-19 Lockdown: A Practical Approach	Government College Jaipur	2020
52	National Webinar on Biodiversity in Thar Desert	Saint Wilfred PG College Jaipur	2020
53	International Webinar on Radiation Biology and Radiation Treatment for COVID-19	Government Dungar College Bikaner	2020
54	National Webinar on Impact of Environment on Health in Present Scenario	GD Government College Alwar	2020
55	National Webinar on Recent Advances in Life Sciences	Government Dungar College Bikaner	2020
56	National Conference on Impact of Climate Change on Socio-Economic and Biological Aspects of Life	Seth R L Saharia Government PG College Kaladera Jaipur	2021
57	E-Workshop on Virtual Labs Learning Digitized	Government College Kotputli, IIT Delhi	2021
58	International Webinar on Hindi Cinema and Stri Vimarsh	Government College Chomu, Credent TV	2021
59	Training Programme Online on Unique Social Health Awareness by Usha and Manav Nirman Sansthan	Jaipur	N/A
60	State Level Training Program on Unique Social Health Awareness	USHA and Manav Nirman Sansthan, Jaipur	21-25 July 2021

61	National Webinar on Acquaintance with Animals and Human Welfare	LBS Government College, Kotputli	29 July 2021
62	International Conference on Multidisciplinary Approaches to Environmental Research for Human Health	ISLS Jaipur	22-24 December 2021
63	Training Program on National Intellectual Property Awareness Mission	Government College Tonk	February 24, 2022
64	National Webinar on Wildlife Management	Government College Kota	11 March 2022
65	Training Program on National Intellectual Property Awareness Mission by NIPAM	Government College Jaipur	February 24, 2022
66	2nd SSHA International Conference on India after 75 years of independence Changes and Challenges	Government College, Sikar	25-26 November 2022
67	National e-conference on Novel Dimensions of Research and Development	Government College, Tonk	29 November 2022
68	International Conference on Impacts of Environment on food and nutrition on Human Health	ISLS, Jaipur	21-24 December 2022
69	International Conference on Multidisciplinary Aspects of Human Rights on the Environment	Government MS College, Bikaner and RR College Alwar	18-20 January 2023
70	International Conference on Recent Development in Science and Impact on Management Art, Culture, Social Science and Education	Government College Jaipur	23-24 January 2023
71	International Conference on Environmental Protection and Social Governance	Government College, Dudu	27-28 January 2023
72	National Seminar on Celebrating the female spirit on International women's day	Government College, Tonk	13 March 2023

73	National conference on global efforts to beat the plastic pollution	Government College, Tonk	05 June 2023
74	International Conference on Gandhian way of world peace and non violence in contemporary times	J N V Univ.Jodhpur	8-10 August 2023
75	National seminar on Cancer awareness prevention and treatment strategies ISLS	APJ Abdul Kalam college Jaipur	7-8 November 2023
76	44th Annual conference on Indian society of Gandhian studies.	S S University. Varanasi	15-17 Dec 2023
77	International Conference on Impact of Environment on Food and Nutrition on Human health.	CCT University of Rajasthan. Jaipur	Jan 2024
78	National Seminar on NEP 2020: Opportunities and challenges in higher education.	S.S Subodh college. Jaipur.	Jan 224

## RADIO TALKS AT ALL INDIA RADIO

- बढ़ते वाहन और पर्यावरण संकट ।
- विश्व पर्यावरण दिवस
- पर्यावरण सुरक्षा से ही मानव सुरक्षा
- प्रदूषण रहित उद्योग लगाये।
- उद्योग समाज और पर्यावरण
- धूम्रपान, शोर और पर्यावरण
- पर्यावरणीय शिक्षा सबके लिए
- पर्यावरण में जल, वन, वायु का महत्व
- बंजर भूमि पर पेड़ पौधे लगायें और पर्यावरण को प्रदूषित होने से बचाये।
- पक्षियों की घटती नस्लें और पर्यावरण
- पर्यावरण और स्वास्थ्य
- युद्ध के पर्यावरण पर प्रभाव
- भू-जल संरक्षण क्या है।
- हरियाली में खुशहाली
- उद्यान सहायक है प्रदूषण रोकथाम में
- पशु पक्षियों का शिकार और कानून
- चिड़ियाघर पशु पक्षी और पर्यावरण
- लुप्त होती पशु प्रजातियाँ और पर्यावरण
- हरियाली जीवन का आधार
- घातक रसायन और पर्यावरण
- पर्यावरण और प्रदूषण क्या है ?