

Government Girls College, Ajmer

Faculty Profile

1. Name: **DR. KALPANA SHARMA**

2. Designation: **PROFESSOR**

3. Department: **ZOOLOGY**

4. Educational Qualification:



Level	Name of University/Board	Year	Title/ Remark/ Medal
<i>P.G.</i>	University of Rajasthan, Jaipur	1987	-
<i>M.Phil.</i>	-	-	-
<i>Ph.D.</i>	University of Rajasthan, Jaipur	1992	Teratogenic Effects in Swiss albina mice after intra-uterine exposure to tritium.
<i>Certificate course in German Language.</i>	University of Rajasthan, Jaipur	1989	-

5. Experience: Teaching / Research

UG	24	PG	21	Research	12
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6. Membership (Academic Bodies/ Research societies):

- *Academic – Member of the Committee of Micro Biology at MDSU Ajmer*

Paper setting for PG and UG and M. Phil in MDSU Ajmer, University of Rajasthan, Jaipur, RR College, Alwar and JNVU Jodhpur.

Academic counsellor at I.G.N.O.U.

- *Research – Member of ISCA (Indian Science Congress Association), ISRB (Indian Society for Radiation Biology), IGHCR (Indo-Global Health Care Research Foundation), and ISLS (International Society for Life Sciences)*

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7. M.O.O.C (Developed by Faculty): -

8. Awards Received: -

9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	Jai Narayan Vyas University, Jodhpur	U.G.C.	21-07-2003 to 16-08-2003
Refresher	M.D.S. University, Ajmer	U.G.C.	02-12-2002 to 22-12-2002
	M.D.S. University, Ajmer	U.G.C.	30-09-2004 to 20-10-2004
	University of Rajasthan, Jaipur	U.G.C.	13-02-2006 to 14-03-2006
Others (Workshop/ Summer School/ Camp etc.)			
<i>1. Orientation Program For Academic Counsellors</i>	S.P.C. Govt. College, Ajmer	I.G.N.O.U.	25-02-2018
<i>2. Microsoft Office Specialist (MOS) Training</i>	S.P.C. Govt. College, Ajmer	Microsoft	08-10-2018 to 12-10-2018
<i>3. Faculty Development Workshop On Exposure in Libre Office Suit</i>	S.P.C. Govt. College, Ajmer	I.I.T.B.	03-06-2017
<i>4. IP Awareness/Training Program Under NIPAM</i>	SPC Govt. College, Ajmer	NIPAM	2022
Online F.D.P (Faculty Development Programme)			
1. State Level Subject Specific Short Term Online Training Programme on “Initiatives for Teaching-Learning Excellence in Zoology”	Online	Commissionerate Of College Education, Rajasthan and Department Of Zoology, Govt.	25-01-2021 to 31-01-2021

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		Dungar College, Bikaner.	
2. <i>Gyan Ganga State Level Subject Specific Short Term Online Training Programme</i>	Govt. Dungar College, Bikaner	DCE	2021
3. <i>Faculty Development Programme on Smart Science Laboratory</i>	S.P.C. Govt. College, Ajmer	IQAC	2022
4. <i>Professional Development Programme on 'Implementation of NEP-2020 for University and College teachers'</i>	S.P.C. Govt. College, Ajmer	IGNOU	2022

10. Seminar/ Conference :

<i>Name of Seminar/ Conference</i>	<i>Internat./ National/ Regional</i>	<i>Attended/ Paper Presented</i>	<i>Title of Paper</i>	<i>Date</i>
1. IV Biennial International Interdisciplinary Conference on Challenges of Diversity, Dayanand College, Ajmer	International	Presented	Biodiversity and Evolution	22 to 24 Jan. 2010
2. International Conference on Multidisciplinary Approaches to Diabetes Research and Health	International	Presented	Chronic Complication of Diabetes with special reference to Diabetic Neuropathy.	14-16 Nov. 2010
3. 6th Biyani's International Conference. BICON-11	International	Presented	Make the Switch from Pesticide: A Killer-Causing Cancer	19-21 Sept. 2011
4. International Conference on Global Trends in Technology: Impact on Industry and Society	International	Presented	Prenatal Irradiation and Brain Defects in Fetuses of Swiss albino Mice.	15-16 Oct. 2011

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5. International Conference on Cancer Prevention, Diagnosis and Treatment. ICCPDT2012	International	Presented	Primary Cancer Treatment by Radiation Therapy and its Toxicity	21-22 Jan. 2012
6. XII International Conference on Vector and Vector Borne Diseases	International	Presented	Transmission and propagation of Parasites by Vectors	16-18 Sept. 2013
7. 8th Biyani International Conference on Agro-Biodiversity	International	Presented	Studies on the Effect of Some Plant Extract on the Larval Instar of Helicoverpa armigera	23 Sept. 2013
8. 10th Indo-Japan Bilateral Conference	International	Attended	-	22 Sept. 2013
9. 10th Biyani Indo-Japan Bilateral Conference	International	Attended	-	22 Sept. 2015
10. 11th Biyani International Conference	International	Presented	Effect of Vitamin A during limb generation in Anurans	20-22 Oct. 2016
11. International Conference On Fight Against Cancer	International	Presented	Evaluation of anti-cancer activity of delonix regia extract against chemical induced skin carcinogenesis in mammal	5-7 Oct. 2017
12. International Conference On Gandhi: The Eternal Truth, ICOG 2019	International	Presented	Gandhian Values In The Context Of Value Education.	18-19 Sept. 2019

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13. Ovicidal Activity Of Some Biopesticides On Spodoterallitura.	International	Presented	In The Proceedings Of 14th Indo-Japan International Conference 2019	25th Sept. 2019
14. International E-Conference on 'Management of Forest and Wildlife Under Changing Climate Scenario'	International	Attended	-	2020
15. International Conference on Multidisciplinary approaches to environmental research for human health.	International	Presented	Health effects of indoor air pollution in rural areas	2021
16. International Conference On Radiation Biology	International	Presented	Skeletal Malformations in fetuses after in utero exposure to tritiated water in Swiss Albino mice	2022
17. International Conference On Environment, Sustainable Development and Human Health	International	Presented	A birds eye view on Bioremediation	2022
18. The 12th Biyani India Japan International Conference	International	Presented	Certain aspects of teratological effects of ratinoids.	11-14 Oct. 2017
19. National Conference on Regional Planning and Development, Government College, Ajmer	National	Presented	Environmental Pollution and Human Health	25-27 Oct. 2004
20. National Conference – 92nd Indian Science Congress, Nirma University, Ahmedabad	National	Presented	Brain Defects in Fetuses of Swiss albino Mice after intrauterine exposure to tritiated water	3-7 Jan. 2005

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21. National Conference on Environmental Planning and Conservation by Traditional Methods, Govt. College, Ajmer	National	Presented	Prenatal Irradiation and Postnatal Development	22-23 Dec., 2006
22. National Conference on Environmental Impact – Assessment, Govt. College, Ajmer	National	Presented	Effects of Annona Squamosa seeds extract on the morphology and egg hatching pattern of Dysdercus Koenigii	26-27 Feb., 2007
23. National Conference JDB Govt. P.G. College for Women, Kota	National	Presented	Study of the Pest of Cabbage in the Shekhawati Region of Rajasthan	17-18 Dec. 2009
24. National Conference (UGC Funded) on Management and Accountability in Higher Education	National	Attended	-	8-9 Jan. 2011
25. UGC Sponsored national Conference on Animal Science : Innovation and Prospectives	National	Presented	Study of Fauna of Nahargarh Wildlife Sanctuary	29 Jan. 2011
26. National Conference on AIDS: Current Scenario and Future Challenges	National	Presented	HIV Risk for Health care Professionals	1-3 Dec. 2011
27. National Conference on Environmental Accounting, Sustainable Development and Environmental Protection	National	Presented	An Experimental Explanation of Eco Zones and Desert. A Study of Ecology Desert Area of Rajasthan	9-11 Jan. 2012
28. National Conference on Environmental	National	Presented	Global Warming, Uttarakhand	25-26 Oct. 2013

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Terrorism: A Challenge for the New Millennium			Disaster and Effect of Climate Change.	
29. UGC Sponsored National Conference on Effects of Biotechnological Advancement on Environment	National	Presented	Role of Enzymes in Fruit Juice and Brewing Industries	22-23 Nov. 2013
30. National Conference on Mobile Phones and Electromagnetic Pollution Hazards: Challenge and Solutions.	National	Presented	Effects of Electromagnetic Radiations on Absorbed Dose in Biological System with Special Reference to Bones	20-21 Dec. 2013
31. National Conference on Ecological Perspective of Rain Water harvesting and Ground Water Recharge	National	Presented	Rain Water Harvesting Scheme of Different Blocks of Govt. Polytechnic College, ITI, Ajmer	3-4 Jan. 2014
32. 43rd National Conference on Urban Growth: Environmental Challenges and Responsibilities	National	Presented	Urban growth and its effect on the fauna of Central Aravali Region	26-28 Oct. 2015
33. National Conference On Mankind Facing Environmental Challenges and Tackling Disasters	National	Attended	-	3-4 Dec. 2016
34. National Conference on Environment: issues, challenges and strategies.	National	Presented	Environmental challenges: An Overview	1-2 Oct. 2018
35. National Conference on Impact of climate change on socio-economic and biological aspects of life (ICCSEBA)	National	Attended	-	2021

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36. National E-Conference on “Novel dimensions of research and development”	National	Attended	-	2022
37. National Conference on “ Water quality, biodiversity, global environmental issues and solutions	National	Presented	Ecotourism and its impact on socio-economic development with special reference to India	2022
38. National E-conference on “Gandhi chintan: vecharic swatantray”	National	Presented	Environmental thoughts of Gandhi	2022
39. National Seminar on conservation of water, wet land and faunal biodiversity and 3rd Prof. L.S. Ramaswamy Memorial Lecture Series, MDS University, Ajmer	National	Attended	-	29-30 Mar. 2007
40. National Seminar on Role of Toxicants in Environmental Pollution Vedic Kanya, P.G. College, Jaipur	National	Presented	Skeletal Malformations in fetuses after prenatal intrauterine exposure to tritiated water	3-4 Feb. 2010
41. National Seminar on Conservation of lakes and water resources, management strategies, Maharana Pratap Agricultural and Technology, Udaipur	National	Presented	Presented full length paper on Chemical Characteristics of ground Water in Rural Region of Ajmer.	20 Feb. 2010
42. National Seminar on Impact of Climate Change on Biodiversity and challenges in Thar Desert. ZSI, Jodhpur	National	Presented	Biodiversity – A Tool to study Ecological status of Ajmer City.	9 July 2010

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43. National Seminar on Biodiversity and Intangible Natural Heritage. ZSI, Jodhpur	National	Presented	Study of the Roots of Onion and Garlic in Shekhawati region of Rajasthan	28 Sept. 2011
44. National Seminar on Yuva Varg, Veshvikaran aur badalte Aayam.	National	Presented	Gandhian Philosophy and Youth	27-28 Feb. 2012
45. National Seminar on Promoting Innovation and Entrepreneurship	National	Attended	-	25 Ma. 2012
46. National Seminar On Global Environmental Challenges, Health and Society	National	Presented	Effect of pollution on environment	10 Dec. 2016
47. National Seminar On Tourism, Linguistics and Culture.	National	Presented	Recent Trained of Tourism in India	14 Jan 2017
48. National Seminar On Biodiversity, Human Rights and Sustainable Development	National	Attended		15 Sept. 2017
49. National Seminar On Cancer Prevention And Treatment Strategies	National	Presented	Anti cancer activity of cassia fistulalinn against skin cancer in mammals.	22-23 Dec. 2017
50. Vegyanik Tatha Takniki Shabdavali Aayog, HRD, New Delhi	National	Attended	-	23-24-Aug. 2005
51. Workshop on Management Development and Faculty. Development Programme. Govt. College, Ajmer	National	Attended	-	30 Nov. 2010
52. Workshop on Achieving Excellence through E-Governance in Higher Education	National	Attended	-	16 Feb. 2015

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53. Workshop on Vegyanik Tatha Takniki Shabdavali Aayog, HRD, New Delhi	National	Attended	-	9-10 Sept. 2015
54. Workshop on Vegyanik Tatha Takniki Shabdavali Aayog, HRD, New Delhi	National	Attended	-	12-13 Aug. 2016
55. Workshop On Intellectual Property Rights	National	Attended	-	17 March 2018
56. National Workshop on Research Methodology	National	Attended	-	2021
57. National symposium on health hazards of radiation	National	Presented	-	2022

11. Organizing Sec./Convener of conference/seminar/webinar :

Conference/Seminar Title	Year
-	-

12. Resource Person:

In training Programme	Gyan Ganga FDP From 15 th – 20 th Feb. 2021 Organised Jointly By S.P.C. Govt. College, Ajmer And Commissionerate Of College Education, Jaipur, Rajasthan.
In conferences/Seminars (Chair/Co-Chair/of Session)	-

13. Research Publications

<i>Title of Paper</i>	<i>Name of Journal with Impact factor &ISSN No.</i>	<i>Volume and No. with Year</i>	<i>Citation Index</i>
Embryonic/fetal mortality after exposure to tritiated water in pregnant Swiss albino mice during different gestation periods.	Indian Journal of Experimental Biology	Vol. 31, January 1993, pp 98-100	

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Growth Retardation in Fetus and Offspring of Swiss Albino Mice after Intrauterine Exposure to Tritiated Water	Indian Journal of Nuclear Medicine	<i>IJNM</i>, 17 (2&3): 57-63, 2002	
Ovicidal Activity Of Some Biopesticides On Spodotalitura.	In The Proceedings Of 14th Indo-Japan International Conference 2019	<i>ISBN: 978-93-83462-95-7</i> <i>Year 2019</i>	-
Effects of water pollution on biodiversity of insects	International Journal of Environment & Animal Conservation	Vol. 01, Issue-01, Year 2012	
Study on the vegetable pests of winter season in Shekhawati region of Rajasthan.	IJAER, referred International Journal	2278-9677, 2012	
Effects of Annona squamosal seeds extract on the histology of fat bodies and morphology of dysdercus koenigii.	IJAER, referred International Journal	2278-9677, 2013	
Bioluminescence among the different species of order coleopteran	IJARETS, referred International Journal	2349-2819, 2014	
Biodiversity of insect fauna of Government College campus and Anasagar lake of Ajmer.	IJARETS, referred International Journal	2349-2819, 2015	
Biodiversity of winter crop pests and predators.	IJARETS, referred International Journal	2349-2819, 2015	
A herbal remedy for diabetic persons: Stevia Rebaudina.	Journal Of Natural Science, referred International Journal	2320-4346, 2017	
Impact of textile industry waste on environment in Pali district of Rajasthan: An overview.	Journal Of Natural Science, referred International Journal	2320-4346, 2017	
Influence of prenatal exposure to tritiated water on the postnatal development in Swiss albino mice. 17-23	Journal Of Natural Science, referred International Journal	2320-4346, 2017	
Estimation of cadmium in vegetable foodstuffs in Jaipur (India).	Journal Of Natural Science, referred International Journal	2320-4346, 2018	
Effect of prenatal exposure to HTO on the postnatal development of mouse offsprings.	Journal Of Natural Science, referred International Journal	2320-4346, 2018	
Mathematical computation of water quality index of Ummed Sagar dam	Journal Of Natural Science, referred International Journal	2320-4346, 2018	

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(A water reservoir) at Shahpura, Bhilwara of Rajasthan. 11-16			
Ovicidal activity of some Biopesticides on spodotalitura. 2019, 86-87	14 th Biyani International Conference (BICON 19)	ISBN 978-93-83462-95-7, 2019	

14. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
-	-	-	-	-

15. Research Supervision:

Basic Field of specialization:

- Environmental Biology
- Entomology
- Reproductive Biology

❖ Ph.D.

Name of Student	Title of thesis	Present status	Date and Year of Award, if so
Priyanka Jaipal	Doing Course Work	-	-
Nikita Kundoo	Ethenomedicinal and Antimicrobial screening of selected plant species of Ajmer District.	Doing practical work (registered)	-

❖ M. Phil.

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
Shyam Bihari	Effects of Annona Squamosa seeds extracts on the histology of fat bodies & morphology of D. Koenigii	Awarded	15-04-2006
Raj Kumar Meena	Study of lakes and ponds of Ajmer District with their Fish Fauna.	Awarded	09-03-2007
Garima Chaumal	Study of Animal Cell and Tissue Culture	Awarded	09-03-2007
Nitesh Kumar	Chemical Characteristics of ground water in rural region of Ajmer	Awarded	15-09-2008

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Subhi Bishnoi	Biodiversity of Insect fauna of Govt. College Campus and Anasagar Lake of Ajmer	Awarded	09-09-2009
Chandan Kalawatia	Study of the vegetable Pests of winter season in Shekhawati region of Rajasthan	Awarded	09-09-2009
Garima Mishra	Rain water Harvesting Scheme of Different Block of Govt. Polytechnic College, ITI, Ajmer	Awarded	09-09-2009
Kavita Saini	Role of Honey Bee in Production of Honey: A study of Apis indica	Awarded	09-09-2009
Simple Sharma	Bioluminescence Among different orders of Insects	Awarded	16-06-2010
Satish Yadav	Study of Fauna of Nahar Wild Sanctuary	Awarded	16-06-2010

16. Monograph/ Book / Chapter (in Edited Book)/Chapters in study material of Open universities

- **Book (Single Author)**

Title of Book	ISBN/ ISSN No.	Publisher with Place	Year of Publication
-	-	-	-
-	-	-	-

- **Chapter(s) in Book (Edited / multi-author)**

Title of Chapter	Authors / Editors	Name of the Book with ISBN/ ISSN No.	Publisher with Place	Year of Publication
-	-	-	-	-

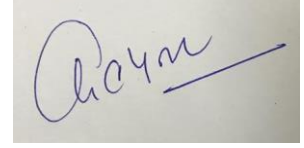
13 Sports Activities: Worked as a Team Manager for various Inter-College Tournaments.

14 Extra Curricular Activities:

15. Any Other Relevant Information/Contributions

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A handwritten signature in blue ink, appearing to be 'Ajmer', with a horizontal line extending to the right.

Signature