



Faculty Profile

- 1 Name: Dr. Reena Vyas
- 2 Designation: Associate Professor & Head
- 3 Department: Zoology
- 4 Educational Qualification:



<i>Level</i>	<i>Name of University</i>	<i>Year</i>	<i>Title/Remark/Medal</i>
<i>PhD</i>	MDS University, Ajmer	2001	Awarded
<i>MSc</i>	University of Rajasthan, Jaipur	1988	Ist Division
<i>BSc</i>	University of Rajasthan, Jaipur	1986	Ist Division

5 Teaching / Research Experience:

<i>UG</i>		<i>PG</i>		<i>Research</i>	
	33		32		26

6 Membership (Academic Bodies):

- Life member of Indian Science Congress

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

8. Awards Received: -

1-Precious daughter of India Award by Government of Rajasthan on 28 th September, 2018
2-Beti panchayat award by National Health Mission, Rajasthan, October 2018
3-Women of worth award 2019 for contribution in skill development by Art of Living
4-Award for contribution to the society by Inner Wheel Club

9. Academic Courses Attended:

<i>Course</i>	<i>Place</i>	<i>Sponsoring Agency</i>	<i>Duration</i>
<i>Orientation Course</i>	Academic Staff College, Jai Narayan Vyas University, Jodhpur	UGC	From 03-06-96 to 29-06-96

<i>Refresher</i>	Academic Staff College, MDS University Ajmer	UGC	From 30-09-04 to 20-10-04
	Academic Staff College, MDS University Ajmer	UGC	From 02-12-02 to 22-12-02
	Department of Zoology, SPC Gov't College, Ajmer	UGC	Dec 1995
Workshops			
	International Workshop on Arthrospira Mass Production in Rural Areas of Tropical Countries		22-26 October, 2007
	National Workshop on Promoting Excellence in Research, 5-7 November, 2008, Workshop on Renewable Energy		19 August, 2008
	Workshop on Innovative and Facile Teaching Methods and Aids for Better Understanding of Science Subjects in Students		23-24 March, 2009
	Workshop on Management Development and Faculty Development Programme,		30 November, 2010
	Workshop and Training Programme on Environment		08 January, 2014
	Workshop on Achieving Excellence through E-Governance in Higher Education,		16 February, 2015
	Workshop on Recent Innovation in Technical Terminology and Biodiversity		, 11-12 August, 2015
	One day Workshop on Virtual Demonstration of Animal Dissection using software on 10 February, 2017, Lecture on Workshop Demonstration		3rd June, 2017
	Workshop on Academic Integrity, Plagiarism Detection System on		20-22 February, 2020

Computer Training Programme			
	Computer training program	SPC GCA & Commisionerate College Education Jaipur	12 th to 19 th Jan 2010
Online F.D.P (Faculty Development programme)	1-SPC GCA	Commisionerate College Education Jaipur	15 th Feb to 20 Feb 2021
	2-Govt Dungar College Bikaner		22-27 Feb 2021
Other (Workshop/ Summer School/ Camp etc.)	Workshop on Intellectual Property Rights held at SPC Government College, Ajmer	DST, Rajasthan	17 th March, 2018

10. Seminar/ Conference attended:

Year	Title of Paper Presented	Title of Conference / Seminar	Organized by	Whether international / national / state / regional / college or University
2006	The role of natural resources in biodiversity conservation	Biodiversity Conservation	M.L.V. Govt. College, Bhilwara	National
2007	1. Physical treatment of waste waters from dyeing and printing industries, 2. Water quality assessment and zooplankton biodiversity	Environmental Impact Assessment	Department of Zoology, Govt. College, Ajmer	National
2008	1. Need to save Bareli Lake - a Boon to Hurda Village 2. Conserving Anasagar Lake : From "Decay and Decline" to "Forever Beautiful"	Tourism Destination Competitiveness and Sustainability	Dayanand College, Ajmer	National
2009	Control of Taste and Odour in Stored Drinking Water	Environmental Health Hazards - 2009	J.D.B. Govt. PG College for Women, Kota	National
2010	Effect of overeating on human health	Multidisciplinary approaches to Diabetes Research and Health	Department of Zoology, University of Rajasthan and S.K. Govt. College, Sikar	International
2010	Water Pollution : A threat to Barali Lake of Bhilwara District	Conservation of Lakes and Water Resources Management Strategies	Maharana Pratap University of Agriculture and Technology, Udaipur	National Seminar

2013	An explorative study of effect of towers on environment	Effects of Biotechnological Advancements on Environment	PG Department of Zoology and Biotechnology, Dayanand College, Ajmer	National
2013	Poultry as a tool in poverty eradication and promotion of gender equality in South East Asia	Human Resource Development in South Asia : Issues, Achievements and Challenges	S.P.C. Govt. College, Ajmer	International Interdisciplinary
2015	Concept of Smart City	Urban Growth : Environmental Challenges and Responsibilities with special reference to Rajasthan 7.5	SPC Govt. College, Ajmer	National
2016	Study on effect of electronic waste on environment	Environmental Challenges, Human Health and Society	University Maharaja College and ISLS, Jaipur	National
2016	A critical study on impact of life-style on national health	Mankind Facing Environmental Challenges and Tackling Disasters	Vishwa Bharti PG College, Sikar, Rajasthan and Rajasthan State Pollution Control Board, Govt. of Rajasthan, Jaipur	National
2017	Impact of tourism on biodiversity and wild life	Biodiversity, Human Rights and Sustainable Development	Shri Ratanlal Kanwarlal Patni Govt. P.G. College, Kishangarh	National Seminar
2017	Biopesticidal control of <i>Helicoverpa armigera</i> with the protection of biodiversity	State Level Biodiversity and Environment Protection Conference, 2017	District Environment Committee, Jhalawar	State Level seminar
2018	Impact of Pollution on Barali Hurdu with reference of Zoo-planktonic population	Environment : Issues, Challenges and Strategies	Department of Geography, SPC Govt. College, Ajmer	National
2019	Ground water analysis of village drain, Ajmer district, Rajasthan	Mankind at Crossroads : Challenges and Solutions	Govt. Bangur PG College, Pali (Rajasthan)	International
2019	Need of the hour : Gandhian Principles of Environment Conservation to be revived	Gandhi : The Eternal Truth Relevance for Future Generations	SPC Govt. College, Ajmer	International
2019	Comparative limnological studies of Barali lake, Hurda and Anasagar Lake, Ajmer with reference to planktonic dynamics	Environmental and Climatic Consequences : Challenges and Mitigation Strategies	Sangam University, Bhilwara	International

2019	Seminar Conference	1- E-Learning and MOOCs in Higher Education, 2- Human Rights are Women Rights : Women's Rights are Human Rights	Sophia College Ajmer 16 March, 2019 27-28 Sept 2019 Jaipur	National National
2020	Use of knowledge and scientific technology preventing female foeticide, 28-29 January	National Invention Campaign Government Plans for Science and Maths Teachers	District Project Co-ordinator, Ajmer	State Level Seminar

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

Conference/Seminar Title	Year
Coordinator Faculty Development Programme	2021
Convener Webinar	2020

12 Resource Person:

In training Programme Gyanganga Faculty Development Programme	2021
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In conferences (Chaired the Session)

Year	Title of Lecture/Academic Session	Title of conference / Seminar etc.	Organized by	Whether International / National
2016	Chaired the session (03-04 December, 2016)	Mankind facing environmental challenges and tackling disasters	Vishwa Bharti, PG College, Sikar and Rajasthan State Pollution Control Board, Jaipur	National
2018	Chaired the session (01.07.2018 to 30.06.2019)	Advances in Science and Technology - an Interdisciplinary Approach	Sophia Girls College, Ajmer	National
2019	Chaired the session (01.07.2019 to 30.06.2020)	Environmental and Climatic Consequences : Challenges and Mitigation Strategies	Sangam University, Bhilwara	National

13. Research Publications

Title of Paper	Name of Journal with Impact factor & ISSN No.	ISSN/ISBN No.	Impact factor	Citation Index	Google Index
Effect of SO ₂ on the neuroendocrine system of Red Cotton Bug (<i>Dysdercus koenigii</i>) page no. 367-371.	Ecology, environment and conservation 11 (3-4)	ISSN 0971-765X			
Tolerance power and moulting time in <i>Dysdercus koenigii</i> affected by SO ₂ fumigation. Pages 131-132	Pollution Research 25 (1)	ISSN 0257-8050			
Ecoprotective measures and prior monitoring of intestinal gut pathogens of poultry birds in Ajmer region of Rajasthan. Pages 197-202	Research Journal of Pharmaceutical Biological & Chemical Sciences. Jan.-March 2012, Vol. 3 issue 1	ISSN : 0975-8585	5.923		
Clinical & gross pathological diagnosis of infectious bacterial diseases of layer chickens in Ajmer region of Rajasthan. Page 1536-1548	Research Journal of Pharmaceutical Biological & Chemical Sciences. Jan.-April-June 2013, Vol. 4 issue 2	ISSN : 0975-8585	5.923		
Contribution of poultry eradication and promotion of gender equality in case of South Asia. Page 01-10	Global Journal of Multi-disciplinary. Vol. 3, issue 7	ISSN 2348-0459	2.389		
Threats and confronts regularly poultry: Antimicrobial multi drug resistance of pathogenic <i>Escherichia coli</i> isolated from layer in Ajmer region of Rajasthan. Page 2245-255	American Journal of Pharmtech Research, 2014, 4 (5)	ISSN : 2249-3387	0.9832		
Prevalence, bacteriology and pathogenesis of proteins species in sick layer chickens in Ajmer region of Rajasthan. page 272 to 281	International Journal of Institutional Pharmacy of Life Sciences	ISSN : 2249-6807			

Antimicrobial susceptibility of <i>Proteus vulgaris</i> isolated from sick layer chickens infected with arthritis in Ajmer region of Rajasthan. Page 1288-1294	World Journal of Pharmacy and Pharmaceutical Sciences. vol. 4, issue 6	ISSN 2278-4357	SJIF Impact Factor 5.210		
Antibiotic resistance of aerobic bacterial isolates of <i>proteus mirabilis</i> from sick layer chickens infected with septicemia and salpingitis in Ajmer region of Rajasthan. Page 2002-2011	World Journal of Pharmacy and Pharmaceutical Sciences. vol. 4, issue 7	ISSN 2278-4357	SJIF Impact Factor 5.210		
Prevalence, bacteriology, pathogenesis and isolation of <i>E.coli</i> in sick layer chickens in Ajmer region of Rajasthan, India. Page 129-136	International Journal of Current Microbiology and Applied Sciences. Vol. 5, no. 3	ISSN : 2319-7706			
Avifauna of Sophia Girls' College Campus, Ajmer, Rajasthan. Pages 74-80	Shrinkhla EK, Shodhparak Vaicharik Patrika, vol. 6, issue 6	ISSN : 2321-290X	6.746		
Comparative immunological studies in Barali lake Hurda and Anasagar Lake, Ajmer with reference to planktonic population dynamics. pages 1343-1348	Environment and Ecology, 37(4A)	ISSN 0970-0420			
Assessment of primary productivity and plankton population in Anasagar Lake Ajmer and Barali Lake Hurda. Pages 1067-1071	Journal of Drug Delivery and Therapeutics	ISSN : 2250-1177			
Studies of the Avifauna the urban limits of Ajmer, Rajasthan, India, Pages 281-296.	International Journal of Research Granthaalayah. vol. 8 (issue 3)	ISSN 2350-0530 (0)			
Wet land bird diversity of Bichadli talab, Beawar,	International Journal of	ISSN : 2277-7881	6.514		

Ajmer of Rajasthan. Page 47 to 54	Multidisciplinary Educational Research. Vol 9, issue 7 (6), Peer reviewed				
Study of biodiversity of fresh water zooplankton in Barali Lake, Hurda, District Bhilwara, Rajasthan (India). Pages No. 299-314	Indian Journal of Applied and Pure Biology. vol. 35 (02)	ISSN 0970-2091	Impact Factor 3.0		
Physio chemical parameters and study of zooplankton in fresh water ecosystem : A review	International Journal of Multidisciplinary Research and Development	ISSN : 2349-5979	Impact Factor :6.8		
A comparative account of water bird community at urban and peri urban wet land of Beawar, Rajasthan	Asia Pacific Journal of Research	ISSN : 2320-5504	6.58		

14. Research Projects:

<i>Title of the Project</i>	<i>Year</i>	<i>Name of funding agency</i>	<i>Fund available/ utilized</i>	<i>Present status</i>
Histopathological studies of fowls (<i>Gallus gallus</i>) of poultry farm in Ajmer with special reference to Bacterial Diseases.	2010	UGC	89,000	Completed

15. Research Supervision:

- *Basic Field of specialization:*

❖ Ph.D.

<i>Name of Student</i>	<i>Title of thesis</i>	<i>Present status</i>	<i>Date and Year of Award, if so</i>
Ms. Tripti Dadheech	Histopathological studies of fowls (<i>Gallus gallus</i>) of poultry farm in Ajmer with special reference to Bacterial Diseases.	Awarded	2014
Ms. Arpita Vijaivergia	Comparative Limnological studies of Barali Lake Hurda and Anasagar Lake Ajmer with reference to Planktonic Population dynamics	Submitted on 13.10.2010	
Ms. Mriganka Upadhyaya	Study of the Avifauna of Urban and Peri urban areas of central Aravalli mountain ranges	Submitted on 17.12.2020	

Currently Four Students registered under my Supervision for Ph.D.

❖ M. Phil.

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
13 Students awarded M.Phil degree under my supervision			

16. Monograph/ Book / Chapter (in Edited Book) Writing:

Year	Type of Publication	Title with Page Nos.	ISSN/ ISBN No.	No. of Co-author
2017	Subject Book	Developmental Biology	-	03
2019	Practical Book	Practical Zoology	-	02
2020	Chapter in Book 'Insect Science and Experiment'	13th Chapter - The effect on the brain of Vth Instar Larva of <i>Dysdercus koenigii</i> on exposure to Sulphur dioxide gas. Pages 120 to 125	978-93-90420-73-5	03

17. Sports Activities: ----

Sr. No.	Date	Name and Place of Sports Activity	Level	Organizing Institution	Position Secured/ Winner/Runner-up
	-	-	-	-	-

18. Extra Curricular Activities: -----

Sr. No.	Date	Name of Activity	Level	Organizing Institution	Position Secured
	-	-	-	-	-

19. Any other relevant information/contribution.

Doing social work voluntarily and through NGOs and Clubs