

Curriculum Vitae



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Academic Qualification

Degree	Institution	Year			Remark
Ph.D. (Zoology)	M. D. S. University ,Ajmer (Rajasthan)	18 th Mar., 2008 to 12 th Aug ., 2013 (5 years)			Awarded (2013)
TITLE: “STUDIES ON BIOMECHANICS AND EVOLUTION OF VOCALIZATION IN SOME ANURAN SPECIES OF RAJASTHAN” under supervision Prof. K. K. Sharma, Head of department, Department of Zoology, M.D.S. University, Ajmer, Rajasthan.					
M.Phil. (Zoology)	M. D. S. University ,Ajmer (Rajasthan)	Year	Division	Percentage	Remark
		2006-2007	I	291/400 (72.75 %)	Topper
Title: “STUDIES ON MUSCULAR ANALYSIS AND BIO-MECHANISM MAINLY PERCHING MECHANISM OF THE FINGER ALONG WITH NAIL OF DIFFERENT TAXES. (From Amphibians to Mammals) ”under supervision Prof. K. K. Sharma, Head of Department, Department of Zoology, MDS University, Ajmer, Rajasthan.					
M.Sc. (Zoology) with specialization molecular developmental biology	M. D. S. University ,Ajmer (Rajasthan)	2003-2004	I	793/1200 (66.08%)	
B.sc. (Zoo., Bot. & chem.)	M. D. S. University ,Ajmer (Rajasthan)	2000-2002	I	1336/2025 (65.98%)	
XII	RBSE	1999	II	360/650 (55.38%)	
X	RBSE	1997	I	394/550 (71.64%)	

Technical Endowment:

1. Certificate course (Online) on Stem Cells Conducted by Biolim Centre for Science and Technology. [July 2019 (30 days duration)]
2. Certificate course in Hardware & Networking (Advance Training, System) at Star InfoTech Pvt. Ltd. ,Ajmer (SI no. 11054) ((15-7-2002 to 14-9-2002)
3. Certificate in Computing (CIC) Securing 1st division 68.00% from IGNOU, Dehli . (Dec., 2003)

Professional Appointments :

2 nd Nov ,2021 –till	Assistant Professor (On Contract basis), Department of Zoology, Government College, Kekri Rajasthan
30 th July ,2013- 8 th Oct,2018 (5 Years teaching experience)	Assistant Professor (On Contract basis), Department of Zoology, SamratPrithviraj Chauhan Government College, Ajmer Rajasthan
25 th July,2012- 8 th June,2013 (1 Years teaching experience)	Lecturer , Department of Zoology, Biyani's group of College s, Biyani college of Science & Management, Jaipur
25 th July, 2008 - 16 th Jan.,2012 (4 Years teaching experience)	Lecturer (On Contract basis) , Department of Zoology, Bangur Govt. College, Deedwana ,Rajasthan

Research Publications

S.No.	Title of Paper	Name of Authors	Name of Journal with Impact factor &ISSN No.	Volume and No. with Year
1.	Histological based comparative study of vocal sac skin between four selected anuran species of Rajasthan	Mathur, S.	International Journal of Creative Research Thoughts (IJCRT) ISSN: 2320-2882 Vol.9(6) pp a193 - a202	ISSN: 2320-2882 Vol.9(6) (2021)
2.	Ecotourism :Need and Future Prospective	Mathur, S. and Mathur, M	Reserch icon a multidisciplinary quartely research journal ISSN: 23956585 VOL. 1, NO. 4 , 2016 pp. 114-115)	VOL. 1, NO. 4 , 2016
3.	Impacts of stone quarrying on ambient air quality	Kumar, R.; Ranga, M. M. and Mathur, S.	Shrinkhala:VOL. II*,Issue/VII 1/3pp (2015)	P: ISSN NO.:2321/290X E:ISSN NO.: 2349/980X RNI : UPBIL/2013/55327 (2015)
4.	Bioacoustic analysis of certain herpetofauna of the thar desert and central aravalli of rajasthan, india	Sharma, K. K., Sharma Vivek, Sharma, N. AND MathurShikha	Journal of acoustical society of India : VOL. 41, NO. 3, 2014 PP. 144-156)	The Refereed Journal of the Acoustical Society of India (JASI) ISSN 0973-3302
5.	Utilization of mobile tower, high tension tower and electric pole by indian blue peafowl (Pavocristatus) in Rajasthan state.	Sathyanarayan, M.C.; Sharma, K.K.; Sharma ,V.; Sharma, N.; Meena,D.; Kumawat, R.K. and Mathur, S.	J. Sci. Trans. Envion.Technov, 2014,8(1): 55/56 pp. (2014)	P/ISSN/0973/9157 E/ISSN 2393/9249 (2014)
6.	Evaluation of wound healing potential of aqueous leaf extract of Mangiferaindica.	Joshi. K .; Sharma, K.K.; Sharma, R.A.; Sharma ,V.; Kachawwa,J.B.S.; Singh.P.; Mathur,S. and Tyagi,S.	International J. Biotechnology and Bioengineering research. , Vol.3, number, 2, 2012 pp 81/86	ISSN 2231/1238 (2012)
7.	Impact of recycling distillation technique Sharma (2004) in conservation of water in laboratories and industries	Sharma,V.; Sharma,N.; Sathayanarayan, M.C.; Kachawa,J.B.S.; Sharma,Y; Tyagi, S.and Mathur, S.	International J. Environ. and ani. Conservation vol.1 (1) , 42/ 45 pp. (2012)	ISSN2249/ 5185 (2012)
8.	Traditional practices of animal dissection are skill development or anatomy learning?	Sharma,K.K.; Sharma,V.; Sharma,N.; Sharma,Y.; Mathur,S. ;Sathayanarayana, M.C.andKachhawa, J.B.S.	International J. Environ. and ani. Conservation vol.1 (1) 46/ 49 pp. (2012)	ISSN2249/ 5185 (2012)
9.	Vocal sac of Bufostomaticus : A morphological and histological study.	Mathur, S. and Sharma , K.K.	International J. Environment and animal conservation vol.1 (1) pp. 1/8 (2012)	ISSN 2249/5185 (2012)
10	Fejerveryalimnochris(Paddy Field Frog). DIET.	Sharma, K.K.; Sharma, V., and Mathur, S.	J. Herpetological Review 41(4), 2010. P 473	ISSN 0018/084X (2010)

Chapter in edited Book

1	“Impact of Nanotoxicity on Human Health :An Overview Prakash Bharti and Mathur, Shikha Nanobiotechnology:Concept and Application in Health Agriculture and Environment. Apple Acedemic Press , Florida(USA) (2020)
2	“Women in empowerment through higher education :Present status ,Need and Perspective under the aegis of IQAC UGC

Research interest Area :

Herpentology ,Molecular development Biology,EnvironmentalConservation, Public Health and Occupational Health Hazards

Refresher/Orientation Course

S.No.	Course	Place	Sponsoring Agency	Duration
1.	Faculty Development Programme on AI and Machine Learning	Malaviya National Institute of technology ,Jaipur	Electronic and ICT Academic of the Ministry of Electronic and Information Technnology (MeitY),Goverenment of India	4 -6-18 to 8-6-18 (1 week)
2.	Participate in a lecture demonstration workshaop	Faculty development programme	Organized by spoken tutorial Project,IIT Bombay	3 -6-2017 (01 days)
3.	Refresher course	Human Resources Development centre ,MDS University, Ajmer	UGC	20-7-2016 to 9-8-2016 (21 days)
Other(Workshop/ Summer School/ Camp etc.)				
1.	Training Programme on Ecology and biodiversity for Environmental Impact Assessment Project	CSIR-National Environmental Engineering Research Institute , Nagpur ,India	Minsitry of Science and Technology ,Govt. of India	19-2-20 to 21-2-20 (3 days)
2.	National workshop on Skilled Based Entomology (NWSBE)	Department of Zoology, University of Rajasthan , Jaipur	UGC,DST Rajasthan & International Society for Life Science	27-1-20 to 29-1-20
3.	National workshop Regional Climate Changes and Bio-diversity Scenario	Centre For science Research AND Department of Botany , Parishkar College of Global Excellence	Vigyan Bharti Rajasthan	22-5-18 (01 days)
4.	Intellectual Property Rights	S.P.C.Govt. College	Department of Science and technology Government of Rajasthan	17-3-2018 (01 days)
5.	Attended EMBO Course and workshop	Experimental And Theoretical Approaches To CellMechanics , EMBO Event NCBS,Banglore	NCBS,Banglore(Online) paper contributed in “Studies On Biomechanics And Evolution Of Vocalization In Some Anuran Species Of Rajasthan”	23 -4-16 to 6 -5-2017 (15 days)
6.	Attended National workshop DNA Bar/coding Molecular systematic Division	Zoological Survey Of India ,Kolkata	Centre for DNA Taxonomy (Molecular systematic Division) & Training	7/3/2016 to 8/3/2016 (2 days)
7.	Attended National training workshop Fauna of hotspots 2: western Himalaya.	Zoological Survey of India(High altitude regional Centre) Sloan , Himachal Pradesh , India	Govt., of India ministry of Environment forest & climate change	24/7/2015 to 28/7/2015 (5 days)

8.	Attended national summer training in Biotechnology	Based on Microbiology , Molecular biology, Protein expression and purification, ,Bioinformatics and biostatistics and report preparation	Birla institute of scientific research, statue circle , Jaipur (Rajasthan)	18/5/2015 to 27/6/2015 (42 days or 6 weeks)
9.	Attended national workshop	Research Methodology	School of Commerce and Business Studies, Jiwaji university, Gwalior(M.P.)	15/3/2015 to 24 /3/2015 (10 days)
10.	Attended national workshop	Biomedical instruments and technologies (NWBIT/2015)	Departments of Zoology, Centre for advanced studies ,University of Rajasthan ,Jaipur (Rajasthan)	13/3/2015 to 14/3/2015 (2 days)
11.	Attended national workshop	Advanced techniques in stem cell research	DBT/MSUB/ILSPARE and Department of biochemistry, faculty of science, The Maharaja Sayajirao university of Baroda, Vadodara, India	31/12/2013 to 3/1/2014 (4 days)
12.	Participated training cum workshop	Impact of digital alternatives of animal dissection and live zoology on biodiversity	Department of Zoology, M.D.S.University, Ajmer	13/12/2013 (1 days)
13.	Participated in International the webinar and workshop Indo Japan engineering road show: Learning Advancements beyond boundaries	Biyani international institute of engineering & technology for girls Kalwar/ jobner road, kalwar, jaipur, Rajasthan.	ISO 9001:2000 certified institute.	4 / 4/ 2013 (1 days)
14.	Attended national Seminar cum workshop	Ahinsa in progressive curriculum of Zoology: Digital technologies and live zoology	Department of Zoology, M.D.S. University, Ajmer, Rajasthan collaboration with Mahatma Gandhi DoerenkampCenter,Indiaidasan university, Tiruchirappalli (TN)	19/1/2013 to 20/1/2013 (2 days)
15.	Participated workshop	How to succeed in job interview	UGC academic staff college in collaboration with department of management studies, M.D.S. University, Ajmer	4/5/2012 to 7/5/2012 (4 days)
16.	Participated Training	Alternatives of animal dissection to replace the animals in practical classes	Department of Zoology, M. D. S.Uni., Ajmer collaboration with save environment and welfare of animals and Mahatma Gandhi Doerenkamp Center Indiaidasan university, Tiruchirappalli (TN)	29/4/2011 (1 days)
17.	Participated Training (International level) Participated& presented paper Studies on biomechanics and evolution of vocalization in some anuran species of Rajasthan	3 rd DST/SERC school in herpetology (Internaltional school level)	Department of science and technology, North orrissa university and organised by Arya vidyapeeth college, Guwahati	2/11/09 to 17/11/09 (16 days)
18.	Proceeding, Presented paper and Attended	National seminar cum workshop on “Current Research in Herpetology” and workshop on “prioritization of Amphibian and Reptilian species for conservation breeding” In Proceeding paper entitled Studies on biomechanics and evolution of vocalization in	North Orissa University , Barricade , Orissa,India	29/3/2009 to31/3/2009 (3 days)

		some Anuran species of Rajasthan.		
19.	Attended workshop	Promoting Excellence in Research (PER/2008)	M. D. S. University, Ajmer, Rajasthan	5/11/2008 to 7/11/2008 (3 days)
20.	Attended workshop	Science fraction based stories for media	National Council of Science and Technologies Communication (NCSTC), Govt. of India	13/10/2001 to 16/10/2001 (4 days)

Conference

S.No.	Name of Conference	Organise / Title of Paper	Date
International Conference			
1	The 14 th India –Japan International conference ON Sustainable Development Goal of United Nations to transform our world	Paper Presented : Impact on Health:Current Status of India	23/9/19 to 25/9/19
2	9 th International Conference “Advance Material Science And Engineering” (BICON-14)	Paper Presented : Biomechanics and evolution of vocalization in some Anuran species of Rajasthan. ISBN: 978/93/83462/35/ 3, 149/158 pp.	13/10 /2014
3	11 th Anniversary india Japan International Conference (BICON-16)	Paper Presented :Biomechanics perching mechanism of human finger	20-10-2016 to 22-10-2016
4.	7 th International conference (BICON- 12)“ Collaborative Drug Development between Chemistry and Biology”	Paper Presented:Herpeto /fauna used in traditional medicine and need protection in Rajasthan.	17/9/ 2012
National conference			
S.No.	Name of Conference	Organise / Title of Paper	Date
1.	Changes in Life style influencing Adolescent Health	1.Reproductive &Sexual Health in Ad Adolescence 2.The Epidemiological study of Bipolar Affective disorder :Acase study of Ajmer organised by S.S. JAIN Subodh P.G.College ,Jaipur	28/9/2019 to 29/9/2019
2.	Environment :Issues ,Challenges and Strategies	Deptt.of Geography ,SPC Govt.College,Ajmer	Paper Present: E-waste is an alarming sign of health and environment in India
3.	State level biodiversity and environment protection conference	Environment consumption of Wetland birds of Anasagar Lake of Ajmer, Rajasthan	4-6-2017 to 5-6-2017
4.	Entrepreneurship, Global Economy and Sustainable Development for developing nations (Interdisciplinary Approach)	Paper Presented	Ecotourism :Need and Future Prospective
5.	3 rd Nation Hindi Science Conference	Paper Presented	-----
6.	Urban growth : Environmental challenges and responsibilities with special reference to Rajasthan	Paper Presented	The Impact of environmental noise /Arthropongsoud on breeding behaviour of some anuran species of Rajasthan

7.	Ecological perspective of rain water harvesting and ground water recharge sponsored by the UGC, Delhi	Participated and paper contribute proceedings	Rainwater harvesting technologies –need in recent scenario.	3 th /1/2014to 4 th /1/ 2014
8.	“ Environmental issues, toxicology & Exposure science ” sponsored by UGC	paper contribute	Avian Diversity of certain parts of eastern Aravalli mountain ranges of Rajasthan	20 th /9/20013 to 21 th /9/2013
9.	Environmentalconservation and management for sustainable era “ECMSE /2012” sponsored by UGC, DST and BRNS	A paper contribute in the national conference (Global Amphibian population decline: issue related to India) ECMSE021 and ECMSE326	Environmental impact assessment: retrospect and prospect.	20 th /12/2012 to 22 nd /12/2012
10.	“Biodiversity depletion: causes, consequences and solutions” sponsored by the UGC, Delhi held at department of Botany, M. L.V. College , Bhilwara, Rajasthan, India.	Poster presented		28 th /9/2012 to 29 th /9/ 2012
11.	“Change in management education: retrospective and prospective”“CMERP/12” sponsored by the AICTE	A paper contribute and Participated in the national conference on	Sustainable development in India.	22 nd /6/2012 to 23 th /6/ 2012.
12.	“Recent advances technically in civil engineering RACE to future/2011”	Paper presented	Paper entitled as Solid wastes pollution and their management through traditional and modern techniques.	4 th /3/2011to 5 th /3/2011
13.	“Sustainable development of water resources and environmental management “ SDWEM/2011 “	Paper presented, Proceedings and Participated in national Conference	Solid wastes pollutants and their management through traditional and modern techniques.	25 th /2/2011 to 26 th /2/2011

Seminar (International /National /State)

1.	Environment Decay and ecosystem Restoration:Present scenario amd pandemic (E –seminar)	Paper entitled as Hindu Religion Darshan :Scientific View	Organized by Department of Botany & Zoology,Dominant college of education ,Dausa	5/6/2021
2.	Excellence in higher education-The road ahead	Paper entitled as Research in higher education implication and challenges for human and social development	Sponsored by UGC	26-9-2017 to 27-9-2017
3.	Biodiversity ,Bioprospecting and Environmental Awareness	A responsible approach to sustainable birds watching :a review on Ectourism	Sponsored by Rajasthan State Biodiversity	22-12-2016
4.	Women empowerment through higher education in India	Paper in edited Book “Women in empowerment through higher education :Present status ,Need and Perspective	Under the aegis of IQAC UGC	27-10-2015
5.	Scientific and technical terminology in forestry science	-----	Sponsored by Ministry of Human Resource Development (Department of higher education),New Dehli	9-9-2015 to 10-9-2015

6.	“Pollution prevention through development of bio based material and energy ”	Paper presented in all india (national) Seminar	Proceeding in paper entitled “Polyhydroxyalkonates: Green Plastics of the future.	22 th /2/2013 to 23 th /2/ 2013
7.	International seminar : INDO ECUADOR Seminar on Recent Challenges to Global Environment and Policy Framework for solutions	-----	Department of Zoology, M.D.S. University, Ajmer, Rajasthan.	
8.	Annual research seminar (2010/2011) under the aegis of centre for excellence, Govt. Bangur college, Deedwana	Paper entitled as Solid waste pollution in India and their management through traditional and modern techniques.		10 th /3/ 2011
9.	in 80 th Annual session and national symposium on “Climate change/Research, Awareness and capacity building” sponsored by the national academy of sciences, India	Impact of various anthropogenic activities on the saurian fauna of central Aravalli foothills , Rajasthan, India.	-----	2 th /12/2010 to/4 th /12/2010
10.	“ Recent Challenges in Biodiversity Conservation Climate Changes and urbanization” and 5 th L.S. Ram swami Memorial Lecture series 2009 sponsored by UGC, Delhi.	“Studies on Biomechanics and evolution of vocalization in some Anuran species of Rajasthan” Department of Zoology, M.D.S . University, Ajmer, Rajasthan.		18/03/09/ 19/03/09
11.	“Inventory of biodiversity as a primary Databank ” 4 th Prof. L. S. Ram swami Memorial Lecture Series sponsored by UGC Delhi	-----		10 th / 3/2008 to 11 th /3/ 2008
12.	“ Conservation of water, wetland and faunal Biodiversity ” & 3 rd Prof. L. S. Ram swami Memorial Lecture Series sponsored by UGC Delhi		-----	29 th / 3/2007 to 30 th /3/2007
13.	Celebrate the World biodiversity day	-----	Department of Environmental Studies , M.D.S. University, Ajmer, Rajasthan.	29 th -12- 1999.
Webinar (International /National /State)				
1.	Global Panel Discussion on education 4.0:The Revolution to celebrates National tEchnology Day		Organised by skill faculty of engineering and technology	11/5/2020

Honors and recognition

1. Felicitated by the BanarsiLalChawala who is father is **Kalpna Chawla** (American astronaut) as best performace and Faculty in the Biyani's group of College's, Biyani college of Science & Management, Jaipur.

2. Honoured by Mei HoonBeti Award 2018 at Kalam Centre , King George Medical University,Lucknow for community awareness drive to Save the Girl Child and inspiring Women Empowerment.

Enclosed			
		<p>Felicitated by the BanarsiLalChawala who is father is Kalpna Chawla (American astronaut) as best performace</p>	

Social Responsibilities Fulfilled

- ✓ **Active Volunteer** (DAP Rakshak) of " Daughters are Precious" campaign started by National Health Mission Rajasthan to prevent female foeticides. [Delivered Awareness lecturers in various colleges] .
- * **Participated in the largest SAVE THE GIRL CHILD Youth Awareness drive which created new world records on 17-11-2017 and 24-01-2018.**
- ✓ **Active Volunteer** (2018) a Marathan Walk for BetiBachao and BetiPadaoCampaian which organized by DanikBhaskar and Shree Cement limited
- ✓ **Active Volunteer** (2016) a 5 day " Women Self Employment Training Programme" ,to impart training to women for self employment in different fields. Free medical health check –up camps in collaboration with the JLN Hospital, Ajmer were arranged in different wards in which medicines were distributed free of cost.
- ✓ **Active Volunteer** in 5 day Women Empowerment Camp entitled “MahilaSwarozgarEvamSashaktikaran” for the women of weaker sections of society. Apart from providing them training for self employment they were also given a series of lecturers by eminent personalities of different fields like doctors, advocate, administrative officers, social workers, bankers etc. Organized (2015)
- ✓ **Active VolunteerSEWA** (NGO) FOR SAVE THE FROG AND PETA [Delivered Awareness lecturers in various colleges and School]