



## Faculty Profile

1. Name: RAKESH KUMAR BASER
2. Designation: ASSISTANT PROFESSOR
3. Department: ZOOLOGY
4. Educational Qualification:



Level	Name of University/Board	Year	Title/ Remark/ Medal
P.G.	M.D.S. University, Ajmer	2000	Specialization in Cell Biology
Ph.D.	M.D.S. University, Ajmer	2022	“Characterization of Limnological Parameters with special Reference to water Quality index and Trophic state index: A Case Study of Hameer Pond, Kishangarh (Rajasthan)”.
Other -NET	CSIR	2001	LIFE-SCIENCES
SLET	RPSC	2001	ZOOLOGY

### 5. Experience: Teaching / Research

UG	13 years	PG	13 years	Research	06 years
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Membership (Academic Bodies/ Research societies): – Life Member of International Society for Life Sciences (ISLS), India, Issued-ISLS/LM/0053, No. (Registration No.: JPR 332/2016)

6. M.O.O.C (Developed by Faculty): NIL
7. Awards Received: NIL
8. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	ASC, University of Rajasthan	U.G.C.	31-12-2012 to 26-01-2013
Refresher	ASC, University of Rajasthan	U.G.C.	5-01-2015 to 24-01-2015

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<b>Refresher</b>	ASC, University of Rajasthan	U.G.C.	29-07-2019 to 10-08-2019
<b>Refresher</b>	TLC, Ramanujan College, University of Delhi	Ministry of H.R.D., PMMM MTT	22-11- 2022 to 06-12-2022
<b>Online Interdisciplinary Refresher</b>	on “Managing Online Classes & Co- creating MOOCS”	Ministry of H.R.D., PMMM MTT	07.01.2024 to 21.01.2024
<b>Others (Workshop/ Summer School/ Camp etc.)</b>	Workshop on Research methodology and Design at S.P.C. Govt. College Ajmer	Directorate of college education, Jaipur	24 March 2013
<b>Workshop</b>	Workshop and Training programme at S.P.C. Govt. college Ajmer	Directorate of college education and spoken tutorial, IIT, Mumbai	8 Jan 2014
<b>Workshop</b>	Workshop on Achieving excellence Through E-governance in Higher Education By- centre for excellence (Model College)	S.P.C. Govt. College Ajmer	16 February. 2015
<b>Workshop</b>	Biomedical Instruments and Technologies (NWBIT-2015)	Dept. Of Zoology, Centre for Advanced Studies, University of Rajasthan, Jaipur	13-14 March ,2015
<b>Course work</b>	Course work on Research Methodology	M.D.S. University Ajmer	December 14 to January 02, 2016

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<b>Workshop</b>	Workshop on exposure in Libre Office suite (Writer, Calc, Impress)	Spoken Tutorial Project, IIT Bombay	03-06-2017
<b>Workshop</b>	Research Scholars Workshop on Information Technology and research Ethics	H.R.D. Centre M.D. S. University Ajmer	23-25 February, 2018
<b>Workshop</b>	Workshop on Intellectual Property Rights by Dept. Of Science and Technology Govt. Of Rajasthan	S. P. C. Govt. College Ajmer	17-3-2018
<b>Workshop</b>	Three days online Training programme on Health, Gender and Development Issues	H.C.M. Rajasthan state Institute of public Administration, J.L.N. Marg, Jaipur	24-26 August 2020
<b>Symposium</b>	One day Online National Symposium on Behavioral and Molecular Aspects of Fauna & Flora in Present Scenario	Vardhman Mahaveer Open University, Kota	12-06-2020
<b>Workshop</b>	National Workshop on strategizing NAAC Assessment Institutional Level Planning for NAAC”,	Research and Development Cell, Planning and Coordination Cell and IQAC, L.B.S Govt. College Kotputli	December 6, 2023
<b>Online F.D.P (Faculty Development Programme)</b>	TLC, Ramanujan College, University of Delhi	Ministry of H.R.D., PMMMN	29-5-2020 to 3-6-2020

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		MTT	
<b>State level online short-term Course (Gyan Ganga) Online mode)</b>	on Initiatives for Teaching Learning Excellence in zoology <b>(Faculty Development Programme)</b>	Commissi onerate college Education, Rajasthan, Jaipur and Meera Girls College, Udaipur	11-01-2021 to 16-01- 2021
<b>State level online short-term Course (Gyan Ganga) Online mode)</b>	on Initiatives for Teaching Learning Excellence in zoology <b>(Faculty Development Programme)</b>	Commissi onerate college Education, Rajasthan, Jaipur and Govt. Dungar College, Bikaner	22-02-2021 to 27-02- 2021

## 9. Seminar/ Conference:

Name of Symposium/ Seminar/Conference	Internat./ National/ Regional	Organized by	Title of Paper presented	Year
1. Environmental Health Hazards -2009 [E.H.H.- 2009]	National Conferences	Dept. of Zoology J.D.B. P.G. College Kota	Physico-chemical parameters, Virat Nagar, Raj.	Decem ber 17,18, 2009
2. Challenges of Diversity: Literature and culture	International Conference	Dayanand college, Ajmer	Floral and faunal Biodiversity in Aravalli, Ajmer	22,24, Januar y, 2010
3. Management and Accountability in Higher Education	National Conference	Govt. college, Ajmer	Participated	8-9 Januar y, 2011
4. Animal science: Innovation and prospective	National Conference	Dept. of zoology, J.N.V., Universit y,	Participated	Januar y, 29, 2011

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		Jodhpur		
5. Bio informatics and computational biology	National Conference	Lachoo memorial college of science and technology Jodhpur	Participated	23-24, september.2011
6. Environmental accounting, sustainable development and Environmental protection	National Conference	Centre for Tourism and Heritage Research (faculty of commerce), D.A.V., Ajmer	Participated	9-11 January, 2012
7. Multi brand FDI in Organized retail in India,	National Seminar	Govt. College, Ajmer	Participated	1-2 March, 2012
8. Sustainable Rural Development in India, –	National Conference	Dept. of Geography Govt. College, Ajmer	An In Silko study on Food – security in India	10-11 March, 2012
9. Biodiversity depletion: causes, consequences and solutions	National Conference	Dept. of Botany, M.L.V. Govt, college, Bhilwara, Ajmer	Participated	28-29 September.2011
10. Tourism and Cultural Heritage of Rajasthan: Issues and Challenges	National Conference	Centre for Tourism and Heritage Dayanand College Ajmer	Participated	8-9 December 2012
11. Water and Sewage Management	National Seminar	Dept. of Environmental	Participated	5-7 March, 2013

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		Science, MDSU, Ajmer		
12 Agro-biodiversity and their Impact on Global challenges.	International Conference	Biyani group of colleges, Jaipur	Participated	September 23, 2013
13. Human Resource Development in South Asia: Issues, Achievements and challenges.	International Conference	Govt. college, Ajmer	Participated	19-21 December, 2013
14. Ecological Perspective of Rain water Harvesting and Ground water Recharge.	National Conference	Dept. of Zoology, Govt. College Ajmer	Participated	3-4 January, 2014
15. Diversity & Physiology of Desert fauna	National Conference	Dept. of Zoology, JNU, Jodhpur, Raj	Participated	7-8 February, 2014
16. Regulatory mechanism in Higher Education Akhil Bhartiya Rashtriya shaikshik Mahasangh	National Seminar	Dept. of Hindi, UOR, Jaipur, Raj	Potential of PDCA and DMAIC practices in assuring total quality management in higher education	13-14 September. 2014
17. Scientific and technical terminology forestry sciences – Commission for scientific and technical terminology	Seminar	S.P.C. Govt. college Ajmer	Participated	9-9-15 to 10-09-15
18. Rising India-Japan relations: Transforming New Strategic Alliance 2. Advanced Materials Science and Technology 3. Opportunities and Challenges in e-	India-Japan International Conference (BICON-2016)	Biyani Girls College, Jaipur	Participated	20-22 October 2016

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commerce and Digital Marketing				
19.Mankind Facing Environmental Challenges and Tackling Disasters	National Conference	Vishwa Bharti P. G. College, Sikar	Participated	3-4 December 2016
20.Global Environmental Changes, health and Society	National Seminar	P. G. Dept. Of Political Science and Sociology Dayanand College Ajmer	Violation of legal Provisions on Occupational Safety and Health: A Cross-Sectional Study from Rajasthan (India)	10 December, 2016
21.Biodiversity, Human Rights and Sustainable Development	National Seminar	Shri Ratanlal Kanwarlal Patni P. G. Govt. College Kishangarh Ajmer	Participated	September 15, 2017
22.Innovation and Strategies in Transdiscipline to face the Integrated Development and Environmental challenges-ICISTIDEC-2018	International Conference	R.R. Govt. Autonomous College, Alwar	Assessment of Trophic state of Hamir Pond, Kishangarh, Ajmer in terms of Carlson's Trophic state Index	09-10 March, 2018
23.Forest, Water and climatic Change	National Seminar	Indira Gandhi Centre for Human Ecology, Environmental and Population Studies University of Rajasthan, Jaipur	Participated	March, 21, 2018



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24.Environment: Issues, Challenges and Strategies	National Conference	Dept. of Geography S. P.C. Govt. College Ajmer	Assessment of Trophic status of Hamir Pond, Kishangarh, Rajasthan	1-10-2018 to 2-10-2018
25.Mankind At crossroads: Challenges and Solutions	International Conference	Govt. Bangur P. G. College Pali (Rajasthan) in Association of Law and Justice, Govt. Of India	Assessment of physio-chemical properties and trophic Status of Hamir-Pond Kishangarh, Ajmer	17-01-2019 to 18-01-2019
26.Gandhi: The Eternal Truth Relevance for future generations (ICOG-2019)	International Conference	S.P.C Govt. College Ajmer	“Gandhian Concept in Health and Hygiene: Its Impacts”	18-19 September 2019
27.Role of Science and Technology Rural Development	National Seminar	Senate Hall, University of Rajasthan, Jaipur	“Impact of ICT on Rural Development of India”	11-12 November, 2019
28.Recent Trends in Environmental Sustainability and green practices (RTESGP-2019)	National Conference	Dept. of Botany, Govt. College, Bundi, Raj	Application of water quality index for assessment of water quality of Hameer Pond, Kishangarh, Ajmer	15-16 November, 2019
29.Environmental Ethics, Resource management and Regional Development: Issues, Challenges and Prospects	International Conference	Dept. of P.G Studies in Geography, Dr B.R. Ambedkar. College,	National Sanitation Foundation Water Quality Index- An Instrument for Water Quality Assessment	29-30 November 2019

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		Sri Ganganagar, Raj		
30.Environmental and climatic consequences: Challenges and mitigation strategies	International Conference	Sangam University, Bhilwara	Participated	21-22, December, 2019
31.Advances in Sustainable Development for Indian Climate ( ASDIC-2020)	National Seminar	P.G Dept. Of Zoology, Dayanand College Ajmer	Effects of Urbanization on water quality- A Case study of Hameer Pond Kishangarh, Ajmer	15-16 January, 2020
32.“Integrated Strategies for Biodiversity and Ecological Restoration”	National Webinar	Dept. of Zoology, S.P.C Govt. College Ajmer	Participated	25-26 August 2020
33.“Role of Teachers in Nation Building”	International Webinar	S.D. Govt. College, Beawar with Collaboration of DCE, Rajasthan	Participated	08-9-2020
34.“Statistical Thermodynamics/ Mechanics- An Overview”	National Webinar	Kalyan Govt. Girls College, Sikar	Participated	23-12-2020
35.Nature and Human Interrelationship Wrt Ecological Restoration	International Webinar	Dept. of Zoology, S.D. Govt. College, Beawar and Agrawal Kanya	Participated	26 June 2021



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		Mahavidyalaya Gangapur City.		
36. Biodiversity depletion: causes, consequences and solutions	International Conference	Dept. of Botany, M.L.V. Govt, college, Bhilwara	Different types of Macrophytes found in lakes of Rajasthan	22-24 December 2021
37. "Water Quality, Biodiversity, Global Environmental Issues and Solutions"	National Conference	Department of Science & Eco club, Samrat Prithviraj Chauhan Government College, Ajmer	"Evaluation of Water Quality Index of Hameer Pond"	22-3-22
38. Multidisciplinary Approach towards sustainable Development and Climatic change for a viable future (ICMSDC-2022)	International Conference	R.R. Govt. Autonomous college Alwar, Rajasthan under the auspices of Rashtriya Uchchatar Shiksha Abhiyan (RUSA 2.0)	Assessment of Physico-chemical and biological parameters of Hameer Pond in Kishangarh, Ajmer, Rajasthan	12-14 August, 2022
39. Indian Education System in Pre and Post British era and NEP 2020: उच्च शिक्षा में	National Conference	Jaipur National University, Jaipur	Provision of Applied Science in new education Policy	21-22, November-2022

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एक आदर्श बदलाव				
40.Environment, Sustainable Development and Human Health	International Conference	Seth Ranglal Kothari Govt. Post-Graduate College, Rajsaman d and Maharana Pratap Govt. Post-Graduate College, Chittorgar h in Collabora tion with Govt. Post-Graduate Science College, Sikar, , Rajasthan, India	Seasonal Variation of Physico-chemical Characteristics of Water in Bichdli Talab of Beawar, Ajmer, Rajasthan	16-17 Decem ber 2022
41.Tribal Development in India Issues and Challenges after 75 years of Independence	International Conference	Dept. of Sociology , S.D. Govt. College, Beawar.	“Role of Tribal Community in Environment Protection”	12-13, Januar y, 2023
42.Emerging Challenges Their Solutions and Recent Advances in Science and Technology	International Conference	Sobhasari a College Sikar	Trends of Male Factor Infertility	13-14 Januar y, 2023
43.Multidisciplinary Aspects of Human Rights and The Environment (ICMAHRE-2023)	International Conference	Govt. Maharani Sudarshan College for	Effect of Chemical Pollution on Fog Formation Near Neemarana Industrial Area	18-20 Januar y 2023

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		Women, Bikaner AND Raj Rishi Govt. Autonom ous College, Alwar		
44.Sustainable Development Goals for Environment Conservation	International Conference	Raj Rishi Govt. Autonom ous College, Alwar (ICSDGE C- 2023), Rajasthan under the auspices of Rashtriya Uchchar Shiksha Abhiyan (RUSA 2.0)	Impact of Urbanization on Lakes through water quality index (WQI)- a study of Pushkar lake Ajmer	12-14 July 2023
45.On Science, Technology and Society	XXIX Inter Disciplinary International Conference	Departme nt of Sociology , Samrat Prithviraj Chauhan Governm ent College, Ajmer	Science and Technology for global Human Health	21-23 Septe mber, 2023

## 10. Organizing Sec./Convener of conference/seminar/webinar:

Conference/Seminar Title	Year
Organizing Sec. in 5 days online program for students on “Overview of Financial Market” by <b>S. D. Govt college Beawar</b> under aegis of faculty of commerce and MMYKY in association With Bombay stock exchange	5.04.2021- 09.4.2021

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brokers forum, Mumbai	
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## 11. Resource Person: NIL

In training Programme	
In conferences/Seminars (Chair/Co-Chair/of Session)	

## 12. Research Publications

Title of Paper	Name of Journal with Impact factor & ISSN No.	Volume and No. with Year	Citation Index	Impact Factor	Google Index
1. "Violation of Legal provisions on occupation Safety and Health: A Cross-Sectional Study from Rajasthan (India)"	Research Icon: A Multidisciplinary Quarterly Research Journal	Vol. II., No. 3. October 2016, ISSN No. 2395-6585			
2. Carlson's Trophic State Index (CTSI) applied in the Water Quality Assessment of Hameer Pond, Kishangarh, Ajmer	Remarking – Analisation: A Multidisciplinary Peer Reviewed/Refereed International Research Journal	Volume-III ISSUE-IX 47/RM-12/P-2/2018/11354 P-ISSN No. 2394-0344		SJIF- 5.879 IJIF- 6.134	RNI No. UPBIL/ 2016/67 980
3. Application of Water Quality Index for Assessment of Water Quality of Hameer Pond, Kishangarh, Ajmer	Remarking- Analisation: A Multidisciplinary Peer Reviewed/Refereed International Research Journal	Volume-III ISSUE-XI (Part-2) February 2019 P-ISSN No. 2394-0344		SJIF- 5.879 IJIF- 6.134	RNI No. UPBIL/ 2016/67 980
4. Diversity of Microorganisms Found in Fresh Water Lakes in Rajasthan	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume 10, Issue 10, October 2021 P-ISSN No. 2347-6710		Impact Factor: 7.569	
5. Water Quality		Volume- 8,		SJIF-	RNI

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Assessment Using Physico-Chemical and biological Parameters of Hameer Pond in Ajmer District, Rajasthan (India)	Innovation The Research Concept: A Multidisciplinary Peer Reviewed/Refereed International Research Journal	Issue-I February–2023, ISSN No. 2456-5474		6.122 IJIF-4.112	No. UPBIL/2016/68 367
6. Water Quality Assessment and Restoration of Pushkar lake after Covid-19	Asian Resonance: A Multidisciplinary Peer Reviewed/Refereed International Research Journal	Volume- XII, ISSUE- III July – 2023 <b>E: ISSN No.</b> 2349-9443 <b>P: ISSN No.</b> 0976-8602		SJIF-7.076	RNI No. UPENG/2012/42 622
7. Assessment of Physicochemical Characteristics of Gundolav Lake by Using Water Quality Index.	Monthly Peer Reviewed & Referred International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET)	Volume 6, Issue 10, October 2023 <b>ISSN: 2582-7219</b>		Impact Factor: 7.54	
8. Assessment of Pollution Status of Pushkar lake in two Different occasions by Using Water Quality Index.	Periodic Research: A Multidisciplinary Peer Reviewed/Refereed International Research Journal	Volume- XII, ISSUE- IV May – 2024 <b>E: ISSN No.</b> 2349-9435		Impact Factor: SJIF-8.082 IJIF-6.784	RNI No. UPBIL/2012/55 438

### 13. Research Projects: NIL

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

### 14. Research Supervision: NIL

- Basic Field of specialization:

❖ Ph.D.

Name of Student	Title of thesis	Present status	Date and Year of Award, if so

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❖ M. Phil.NIL

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so

## 15. Monograph/ Book / Chapter (in Edited Book)/Chapters in study material of Open universities-NIL

### • Book (Single Author)

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

### • Chapter(s) in Book (Edited / multi-author).NIL

Title of Chapter	Authors / Editors	Name of the Book with ISBN/ ISSN No.	Publisher with Place	Year of Publication
1.Environment and Sustainability	Dr. P.C. Bhati	978-81-953150-9-3	Raj publishing house (RPH), Jaipur	2021
2.वैश्विक पर्यावरण: एक चिंतन	Vipul Kumar Parewa	978-81-953834-8-1	Raj publishing house (RPH), Jaipur	2021
3.पर्यावरण प्रदुसन: एक ज्वलंत समस्या	Vipul Kumar Parewa	978-81-953834-5-1	Raj publishing house (RPH), Jaipur	2021
4.Biodiversity Conservation	Vipul Kumar Parewa	978-81-952691-9-8	Lotus Books, Jaipur	2021
5.Environmental issues and Sustainable Development	Hans Raj Parihar	978-93-91943-07-03	Adhyayan publishers and Distributors, New-Delhi	2021
6.Recent Advances in	Dr. Gajendra	978-93-	Mrs. Kiran	2021

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Multidisciplinary Research	Singh and Dr. Meena Dochania	91777-17-03	Parnami, Raj publishing house, Jaipur	
7. Environmental impacts of improper management of solid waste in developing Nations: Case Study of Kishangarh, Ajmer.	Dr. Sonlata Bargotya and Dr. Sampat Singh Meena	978-93- 91777-87- 6	Mrs. Kiran Parnami, Raj publishing house, Jaipur	2023

**13 Sports Activities: NIL**

**14 Extra Curricular Activities: NIL**

**16. Any Other Relevant Information/Contributions: NIL**