



## Faculty Profile

1. Name: DR. MANOJ KUMAR YADAV
2. Designation: ASSOCIATE PROFESSOR
3. Department: BOTANY
4. Educational Qualification:



Level	Name of University/Board	Year	Title/ Remark/ Medal
P.G.- M.Sc (Botany)	M D S University Ajmer	1990	1 <sup>st</sup> Division
M. Phil.	-	-	
Ph.D.	M D S University Ajmer	1993	Ecological Studies of some <i>Marsilea</i> species of Rajasthan with special reference to their reproductive biology
Others:- BJMC	Kota open University, Kota	2002	

### 5. Experience: Teaching / Research

UG	28 Years	PG	23 Years	Research	23 Years
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### 6. Membership (Academic Bodies/ Research societies):

- i. Life Member: - Indian Botanical Society
- ii. Life Member: - Indian Fern Society

### 7. M.O.O.C (Developed by Faculty): YouTube Channel

### 8. Awards Received: Overall best Certificate for NCC Refresher part 1 held at Officer Training Academy Kamptee, Nagpur

### 9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	ASC, M.D.S. University Ajmer.	UGC	22 . 09 . 2000 to 19 . 10 . 2000
Refresher	ASC, M.D.S. University Ajmer	UGC	02 . 12 . 2002 to 22 . 12 . 2000
	ASC, M.D.S. University Ajmer.	UGC	30 . 09 . 2004 to 20 . 10 . 2004

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	Regional Institute of Education Ajmer	NCERT	06 – 26 May 2008
	OTA KAMPTEE	DG NCC Delhi	30 Days
<b>Others (Workshop/ Summer School/ Camp etc.)</b>	11 Raj Bn. NCC, Ajmer.	UGC	Each 10 days
	11 Raj Bn. NCC, Ajmer.	UGC	Each 10 days
	M.D.S. University, Ajmer	UGC	17, Dec, 1990.
	Dayanand College, Ajmer	UGC	28-30, July, 2000.
	Dayanand College, Ajmer	UGC	1-3, Dec, 2000
	Samrat Prithviraj Chauhan Government College, Ajmer	UGC	22-26, Oct, 2007
	Samrat Prithviraj Chauhan Government College, Ajmer	UGC	16, Feb, 2015
	CO AITC Assam	NCC Lekhapani Assam	21 Days
	ALC III Ahmedabad	NCC Ahemdabad Gujrat	12 Days
	Department of Botany, Government College, Ajmer	UNESCO & TWAS	5 Days
	SPC Government College Ajmer	Centre for Excellence	1 Day
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	15-24 Sept 2008
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	3-12 Oct 2010
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	20-29 Jan 2011
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	4-13 Oct 2011
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	13-22 Sept 2012
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	17Oct – 6Nov 2012
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	17-27 Jan 2013
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	17-26 Sept 2013
CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	27Aug-5Sept 2014	

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	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	13-22June 2015
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	28 Aug – 17 Sept 2015
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	13-22 June 2016
	CO11 Raj Bn NCC Ajmer	Rajasthan Govt.	28August -6 Sept 2016
<b>Online F.D.P (Faculty Development Programme)</b>	Samrat Prithviraj Chauhan Government College, Ajmer	Commissionerate college education, Jaipur	1 feb to 6 feb 2021

## 10. Seminar/ Conference :

Name of Symposium/ Seminar/Conference	Internat./ National/ Regional	Organized by	Title of Paper presented	Year
Communication Strategy for Environmental Awareness for a Common man, held at Kota Open University, Kota.	National Conferences		<b>Scope and Relevance of Environmental Education</b>	1992.
Communication Strategy for Environmental Awareness for a Common man, held at Kota Open University, Kota.	National Conferences		<b>Scope and Relevance of Environmental Education</b>	1992
Researches in Pteridology, held at Jai Narain Vyas University, Jodhpur.	National Conference		-----	1995.
Degradation of Environment - Causes, Consequences and Solutions, held at M.L.V. Government College, Bhilwara.	National Conference		<b>Effect of Water Pollution on phenology of <i>Marsilea minuta</i> L.</b>	2000.
Issues and Challenges in Physical Education and Sports in the New Millennium, held at Dayanad College, Ajmer.	National Seminar		-----	2001
Plant Biotechnology : role in sustainable development	National Conference		-----	2003

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and 25 <sup>th</sup> Meeting of Plant Tissue Culture Assosication (India), held at University of Rajasthan, Jaipur.				
Plant Biology and Biodiversity in Changing Environment, held at Jamia Hamdard University, New Delhi.	National Conference		-----	2003
The Rajasthan Geographical Association held at Government College, Ajmer.	National Conference		Ecological Studies of Central Rajasthan	2004
XXIX Annual Conference of IBS	National Conference	Department of Botany Mohanlal Sukhadia University, Udaipur	Agricultural Practices used for environmental restoration	2006
“Emerging Trends in plant Biology, Environment protection and Biotechnology” held at Mohan Lal Sukhadia University, Udaipur.	National Conference		-----	2006
Biodiversity conservation held at M.L.V. Government College, Bilwara.	National Conference		-----	2006
Environmental Impact Assessment held at Government college, Ajmer.	National Conference		-----	2007
Folk and Herbal Medicine, Udaipur.	International Conference	Department of Botany Mohanlal Sukhadia University, Udaipur	Ethnopharmacological study of family Liliaceae	2010
Management and accountability in higher	National Conference	Government College Ajmer	-----	2011

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education held at Govt. college, Ajmer.				
Multirand FDI in organized retail in India held at Govt. college, Ajmer.	National Seminar	Government College Ajmer	Multi Brand FDI	2012
Recent advances in Botany	National Seminar	Dayanand College Ajmer	Phylogenetic Orientation in various groups of Botany	2014
Biodiversity Depletion : causes, consequences and solutions held at Govt. college, Bhilwara.	National Conference		-----	2012
Water and sewage management held at Department of environmental science, Maharashi Dayanand, University, Ajmer.	National Seminar	Department of Environmental Science, MDS University, Ajmer	-----	2013
Human resource development in South Asia Issues, Achievements and Challenges held at Govt. college Ajmer.	International Conference	Government College Ajmer	-----	2013.
Ecological perspective of rain water harvesting and ground water recharge held at Govt. college Ajmer.	National Conference	Department of Zoology Government College Ajmer	-----	2014
ILEC / ICBM earthware for plenty and pure water with focus on Pushkar aquatic ecosystem held at Pushkar.	International Conference	Shri Pushkar Sarovar Samvardhani Samiti	Pushkar Aquatic Ecosystem	2014
Scientific and Technical Terminology in Forestry Science organized by commission for Scientific and Technical terminology at Samrat Prithviraj Chauhan Government College, Ajmer.	National Seminar	SPC Government College Ajmer	Terminology in Forestry Science	2015.
Urban Growth: Environmental Challenges and Responsibilities with special reference to Rajasthan held by Samrat	National Conference	Department of Geography SPC Government College Ajmer	Floristic Survey of Ethnomedicinal Plants of Nagaur District	2015

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Prithviraj Chauhan Government College, Ajmer.				
Environmental Pollution, Health Hazards And Prevention held at M.S.J. Govt. College, Bharatpur.	National Conference	Department of Chemistry MSJ Government College Bharatpur	Air Pollution Prevention and Control	2015
Autonomy in Education	National Seminar	Government Girls College Ajmer		2016
Examination Reforms in Higher Education	National Seminar	MDS University Ajmer	Roll of Syllabus and Evaluation Scheme in Examination Reforms	2016

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

Conference/Seminar Title	Year
Online FDP	2021

## 12. Resource Person:

In training Programme	<ol style="list-style-type: none"><li>1. KRPs in Teaching of Biology in light of NCF for States Uttarakhand, Rajasthan and Punjab</li><li>2. Training of KRPs in Teaching of Science in the light of NCF 2005 at secondary level</li><li>3. Training of KRPs in Environmental Science at primary level</li><li>4. Training of KRPs in Environmental Science at senior secondary level</li><li>5. Training of KRPs in Environmental Science at senior secondary level</li><li>6. Training of KRPs in Designing Biology Projects at senior secondary level for State of Rajasthan</li><li>7. Training of KRPs in Designing Biology Projects at senior secondary level for State of Rajasthan</li></ol>
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	<ol style="list-style-type: none"><li>8. Training of KRPs in Designing Biology Projects at senior secondary level for State of Rajasthan</li><li>9. National Talent Scholarship Awardees</li><li>10. Capacity building Programme for KRPs belonging to ST Dominated Areas in teaching of science at Secondary Level</li><li>11. Capacity building of Teacher Educators belonging to ST Dominated Areas in teaching of science at upper primary level for the Northern Region</li><li>12. Capacity building for Teachers of SC Dominated Areas in Laboratory Work in Science at Senior Secondary Level</li><li>13. Capacity Building of KRPs belonging to SC Dominated Areas in Teaching of Life Sciences at Senior Secondary Level</li><li>14. Capacity building of Teacher Educators belonging to ST Dominated Areas</li><li>15. Activity based learning of science at Secondary Level for Teacher Educators belonging to ST Dominated Areas</li><li>16. Activity based learning of science at Secondary Level for Teacher Educators belonging to ST Dominated Areas</li><li>17. Workshop for revision of B.Sc B.Ed Syllabus Programme in the light of NCTE Regulations and UGC Norms</li><li>18. Development of ICT Integrated resource modules on Science Concept for teaching of Science at Secondary Level</li><li>19. Capacity building of KRPs of SC Dominated Areas of the States of UP, Punjab and Haryana for the promotion of ICT in teaching of Science at Secondary Level</li></ol>
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	<p>20. Workshop for the development of entry level module for augmenting learning of science at secondary level</p> <p>21. Workshop for developing syllabus for annual system of examination of B.Sc, B.Ed 4 year programme to choice based credit system</p>
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### 13. Research Publications

Title of Paper	Name of Journal with Impact factor & ISSN No.	Volume and No. with Year	Citation Index	Impact Factor	Google Index
“Scope and Relevance of Environmental Education”	National Seminar on Communication Strategy for Environmental Awareness for a common man	March 14-16, 1992.			
“Mass Media and Environmental Awareness”	National Seminar on Communication Strategy for Environmental Awareness for a Common man	March 14-16, 1992.			
“Extension Strategy for Environment Awareness”	National Seminar on Communication Strategy for Environmental Awareness for a Common man	March 14-16, 1992.			
“Regeneration of Gametophytes of <i>Adiantum incisum</i> , forssk” published in abstracts of	Eighty first session of the Indian Science Congress	1994.			
“Phytochemical Investigations of Cultivated and Wild Populations of Some Selected Species of <i>Marsilea</i> ”	National Symposium on researches in Pteridology	Oct 5-7, 1995.			





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“Effect of Water pollution on phenology of <i>Marsilea minuta</i> ”	National conference on Degradation of Environment - Causes consequences and Solutions	August 29-31, 2000.			
“Reproductive Biology of Some Selected Species of <i>Marsilea L.</i> ”	26th all India Botanical Conference	December 29-31, Section - II-41 2003.			
“Ecological Studies of Central Rajasthan”	The 32 annual conference of the Rajasthan Geographical Association	Oct 25-27, 2004.			
“Studies on parthenogenesis in three <i>Marsilea</i> species”	Phytological Research	Vol. 19, No. 2, (337-338) 2006.			
“The impact of Ethnobotany in conservation of natural resources”	UGC sponsored National Conference on Biodiversity Conservation	September 21-22, 2006 No. 47-48.			
“Diversity of U.R.T. infection causing Bacteria in Northern Rajasthan”	UGC sponsored National Conference on Biodiversity conservation	September 21-22, 2006 No. 47-48.			
“Agricultural practices used for environmental restoration”	XXIX all India Botanical Conference	Oct. 9-11, 2006			
“Agriculture based environmental restoration”	Journal of Oikoassay	Vol 19 No. 1&2: 13-15. 2006			
“Ethnopharmacological study of family Apiaceae in central Rajasthan”	33rd annual conference of Indian Botanical society Kolhapur	Nov. 10-12,2010.			
“Key role of <i>Momordica charantia</i> (Karela) in diabetes”	International Conference on multidisciplinary	Nov. 14 - 16, 2010.			

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	approaches of diabetes research and health				
“Ethnopharmacological study of family Liliaceae in central Rajasthan”	International conference on Folk and Herbal Medicine	Nov. 25-27,2010.			
“Contribution of Ethnomedicinal plants in conservation of Biodiversity of Central Rajasthan”	International journal of Research in Pharmacy and Science	1(2) 118-127, 2011.		0.764	
“Effects of Hyperthermia on Photosynthetic pigments of <i>Adiantum incisum</i> occurring in Rajasthan”	Indian Fern Journal	Vol. 28 No 142: 1-6, 2011.		6.566	
“Ethnomedicinal studies of Central Rajasthan”	UGC sponsored National conference on Biodiversity Depletion : causes, consequences and solutions	Sept. 28-29, 2012: No 189-194.			
Ethno Veterinary practices- A boon for improving animal health care practices in Rajasthan	Souvenir and Abstracts of National conference on Biodiversity Depletion: causes, consequences and solutions	Sept. 28-29, 2012 No. 40-41.			
Floristic diversity in Deoli Tehsil area of district Tonk, Rajasthan	UGC sponsored National conference on Biodiversity Depletion: causes, consequences and solutions	Sept. 28-29, 2012 No. 212-215.			
“Ethnoveterinary Practices in Rajasthan, India – A review”	International Research of Biological Science	Vol. 1(6) 126 Oct. 2012.		4.185	
“Ethnoveterinary practices by livestock owner in animal fair at Pushkar, Rajasthan, India”	International Journal of Environmental Sciences	Vol. 3(4) 124 April, 2014.		4.967	
Effect of fluoride concentration on cattle of Nagaur district (Rajasthan)	International journal of scientific and Research Publications	Vol 5, Issue 9, Sept, 2015.		6.64	

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Conservation of Ethnomedicinal plants of Nagaur district	International Journal of Life Sciences and chemistry	Vol. 32, No. 2:842-848, 2015.		6.64	
Curing animals with animals: An another perspective of ethno veterinary medicines used by the Tribals of central Rajasthan, India	International Research Journal of Recent Sciences	Vol. 5(2), 25-27, February (2016).		3.635	
Taxonomical Studies of Calotropis Species in Churu District of Rajasthan	World Journal of Pharmaceutical Research	Vol. 6 issue 8, 2462-2471, August 2017			
Plant Diversity of Raoli-Todgarh Wildlife Sanctuary of Ajmer District (Rajasthan)	Shrinkhala Ek Shodh Parak Vaicharik Patrika	Vol. 6 issue 4, 5-9, December 2018		6.038	
Ethnomedicinal Cucurbits of Ajmer District with Special References to Raoli-Todgarh Wildlife Sanctuary of Rajasthan	Remarking An Analisation	Vol. 3 issue-9, 50-54, December 2018		6.134	
Taxonomical Studies of Nerium Oleander (Linn.) wild (A latex yielding plant)	World Journal of Pharmaceutical Research	Vol. 7 issue 06, 181-186, March 2018		8.074	
Impacts of Parthenium hysterophorus on Vegetation of Aravalli Hills of Ajmer (Rajasthan)	Journal of Biological and Chemical Research	Vol. 36 (1)1, 239-244, March 2019		3.66	
Impacts of Prosopis juliflora on Vegetation of Aravalli Hills of Ajmer (Rajasthan)	Journal of Biological and Chemical Research	Vol. 36(1), 189-195, April 2019		3.66	
Status of Latex Yielding Plants of Churu District	World Journal of Pharmaceutical Research	Vol. 9, issue 11, 306-312, Sept 2020		8.084	
Status of Natural Dye Yielding Plants of Churu District	World Journal of Pharmaceutical Research	Vol. 9, issue 11, 268-305, Sept 2020		8.084	



## 14. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
Ecophytological studies of <i>Marsilea minuta</i> complex	1997	UGC	utilized	completed

## 15. Research Supervision:

- Basic Field of specialization:

❖ Ph.D.

Name of Student	Title of thesis	Present status	Date and Year of Award, if so
Ashwani	Impact of ethnobotany in conservation of (Awarded) biodiversity of central Rajasthan.	Awarded	2012
Annu Chaudhary	Ethnobotanical study of some Selected (Awarded) Area of Nagaur district of Rajasthan.	Awarded	2016
Ekta Gupta	A study of Ethno Veterinary practices of (Thesis submitted) Central Rajasthan.	Submitted	2016
Satbeer	Qualitative, quantitative and synthetic analysis of plant community of Ajmer district with special reference to Roali Todagarh region.	Working	----
Sikha	A study of effect of pollution on malnourished peoples.	Working	----
Deepak Maurya	Taxonomical studies of the flora of Sikar (Rajasthan).	Working	----
Jyoti Vaishnav	Diversity and taxonomical study of family Poaceae of Ajmer district.	Working	----
Rakesh Verma	Taxonomical studies of the latex and dye yielding plants of Churu (Rajasthan).	Working	----

❖ M. Phil.

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
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Sarika Gupta	Ecological studies of Ajmer flora with special reference to floristic diversity.	Awarded	2006.
Hemu Dube	Vegetational study of Kehoraipatan tehsil of Bundi district with special reference to ethnobotanical aspects.	Awarded	2007.
Kanta Meena	Phytogeographical study of Deoli tehsil of Tonk district.	Awarded	2007.
Vikram Chand	Ecological and Phytochemical investigations of two species of family Tamaraceae,	Awarded	2007.
Anu Choudhary	Social forestry and environmental enrichment (An appraisal of dhund river afforestation project, Jaipur).	Awarded	2008.
Deepak Maurya	Phenological study of some selected plants of family papilionatae.	Awarded	2008.
Gareema Pareek	A study of environmental awareness in Ajmer city.	Awarded	2009.
Ekta Gupta	Studies on corrosion inhibition efficiency of plant <i>Cordia dichotoma</i> .	Awarded	2010.
Manoj Kumar Prajapat	Phytogeographical study of Behror tehsil of Alwar district.	Awarded	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
ENVIRONMENT EDUCATION		Erika Prakashan, Ajmer	2007
TARGET BOTANY	81-8047-08 3-0	National level publishers, JAIPUR PUBLISHING HOUSE, JAIPUR	2008
PARIYAVARAN SHIKSHA	978-81-771 1-172-9	National level publishers, SAHITYAGAR PUBLISHER JAIPUR, JAIPUR	2009

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ENVIRONMENTAL EDUCATION	978-81-771 1-173-6	National level publishers, SAHITYAGAR PUBLISHER JAIPUR, JAIPUR	2009
SYSTEMATICS OF ANGIOSPERMS	81-8142-05 1-9	National level publishers, RAMESH BOOK DEPOT, JAIPUR	2012
VIGYAN	978-93-870 89-63-1	State government Publications	2017
BIOLOGY PRACTICAL		State government Publications	2017
SCIENCE	978-93-870 89-94-5	State government Publications	2018
AUGMENTING LEARNING IN SCIENCE	97881-937 1863-6	National Level Publisher, Regional Institute of NCERT, Ajmer	2018

**13 Sports Activities:** Organizing Secretary of Inter-College Football Tournament

**14 Extra Curricular Activities:** Organize Bonsai Exhibition and Flower Show

**15. Any Other Relevant Information/Contributions:- NIL**

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