



# S.P.C.G.C., Ajmer

## Faculty Profile

1. Name: DR. MANESHA MATHUR

2. Designation: ASSOCIATE PROFESSOR

3. Department: BOTANY



4. Educational Qualification:

Level	Name of University/Board	Year	Title/ Remark/ Medal
B.Sc.	University of Rajasthan, Jaipur	1986	
M.Sc.	MDSU, Ajmer	1989	Awarded Ratnam Medal
Ph.D.	MDSU, Ajmer	1992	Studies on Physico-chemical characteristics and Aerobic Heterotrophic bacteria of two fresh water lakes of Ajmer

5. Experience: Teaching / Research

UG	31 Years	PG	20 Years	Research	20 Years
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6. Membership (Academic Bodies/ Research societies): Indian Botanical Society

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

8. Awards Received:

9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	MDSU, Ajmer	UGC	22-09-2000 to 19-10-2000
Refresher	MDSU, Ajmer	HRD	16-12-1998 to 05-01-1999
	MDSU, Ajmer	UGC	02-12-2002 to 22-12-2000
	MDSU, Ajmer	UGC	09-03-2004 to 29-03-2004
Others (Workshop/	Need Based workshop	UGC	15-01-1998 to 17-01-1998

<b>Summer School/ Camp etc.)</b>	in Botany MDSU, Ajmer		
	INTERNATIONAL WORKSHOP ON ARTHROSPIRA MASS PRODUCTION IN RURAL AREAS OF TROPICAL COUNTRIES	UNESC O and Twas	22-10-2007 to 26-10-2007

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<b>Online F.D.P (Faculty Development Programme)</b>			
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**10. Seminar/ Conference:**

<b>Name of Symposium/ Seminar/Conferenc e</b>	<b>Internat./ National/ Regional</b>	<b>Organized by</b>	<b>Title of Paper presented</b>	<b>Year</b>
1) NATIONAL SYMPOSIUM ON ADVANCES IN MICROBIAL AND INDUSTRIAL BIOTECHNOLOGY PROSPECTS AND PROBLEMS	NATIONAL	UNIVERSI TY OF RAJASTHAN	-	2002
2) 25TH ANNUAL CONFERENCE AND SYMPOSIUM ON CURRENT TECHNOLOGIES FOR PLANT DISEASE MANAGEMENT AND FUTURE STRATEGIES	NATIONAL	INDIAN SOCIETY OF MICOLOG Y AND PLANT PATHOLO GY	-	2003

3) XXXII RGA NATIONAL CONFERENCE ON REGIONAL PLANNING AND DEVELOPMENT	NATIONAL	S.P.C GOVT. COLLEGE AJMER	CLIMATE CHANGE AND ITS IMPACT ON GLOBAL AND GENERAL ENVIRONMENT	2004
4) NATIONAL SEMINAR IN AYURVEDA	NATIONAL	AYURVED A DEPT.	HERBACEUTICALS AND RUTRACEUTICALS USED BY SAHARIYAS FOR CURING VARIOUS DISEASES DUE TO MALNUTRITION. 2006	2006
5) NATIONAL CONFERENCE ON EMERGING TRENDS IN MICROBIOLOGY	NATIONAL	DR. TANVEER MALAWAT COLLEGE OF	EFFECT OF MEDICINAL PLANT Aloebarbadensis ON	2007

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AND BIOTECHNOLOGY		BIOSCIENCES, BIKANAR	THE BACTERIUM E.coli	
6) NATIONAL CONFERENCE ON ENVIRONMENTAL IMPACT ASSESSMENT	NATIONAL	S.P.C GOVT. COLLEGE AJMER	IMPACT ON WATER QUALITY OF PUSHKAR LAKE WATER DURING PUSHKAR FAIR	2007
7) NATIONAL CONFERENCE ON ENVIRONMENTAL IMPACT ASSESSMENT	NATIONAL	S.P.C GOVT. COLLEGE AJMER	IMPACT OF DEFORESTATION ON ENVIRONMENT	2007
8) NATIONAL CONFERENCE ON ENVIRONMENTAL IMPACT ASSESSMENT	NATIONAL	S.P.C GOVT. COLLEGE AJMER	ENVIRONMENTAL DEGRADATION AND PHYTOPLANKTONIC COMPOSITION OF KHANPURA POND AJMER	2007

9) XXXTH BOTNICAL CONFERENCE (IBS) NATIONAL SEMINAR ON EMERGING TRENDS IN PLANT SCIENCE: BIODIVERSITY, BIOTECHNOLOGY AND ENVIRONMENTAL CONSERVATION	NATIONAL	SCHOOL OF STUDIES IN BOTANY, JIWAJI UNIVERSIT Y, GWALIOR	EXOENZYME PRODUCTION BY VARIOUS BACTERIAL ISOLATES ISOLATED FROM SOIL SPILLED WITH PETROLEUM PRODUCTS	2007
10) NATIONAL CONFERENCE ON EIA	NATIONAL	S.P.C GOVT. COLLEGE AJMER	IMPACT OF WATER QUALITY OF MAKRERA LAKE NEAR BEAWAR AND ITS EFFECT ON PUBLIC HEALTH	2007
11) NATIONAL SEMINAR ON CONSERVATION OF LAKES AND WATER RESOURCE MANAGEMENT	NATIONAL	DEPT. OF ENVIRONM ENT, GOVT. OF RAJASTHA N	WATER QUALITY INVESTIGATION OF THREE MAJOR WATER BODIES OF AJMER. 2010	2010
12) NATIONAL SEMINAR ON CONSERVATION OF LAKES AND WATER RESOURCE MANAGEMENT	NATIONAL	DEPT. OF ENVIRONM ENT, GOVT. OF RAJASTHA N	VARIATIONS IN CHLORIDE CONCENTRATIONS IN ANASAGAR LAKE- A FRESH WATER POLLUTED LAKE.	2010

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13) XXXIV ALL INDIA BOTANICAL CONFERENCE	NATIONAL	UNIVERSIT Y OF LUCKNOW	VARIATIONS IN... SPAN OF TWENTY YEARS	2011
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14) NATIONAL CONFERENCE ON CURRENT STATUS AND OPPORTUNITIES IN MEDICINAL PLANTS OF THAR DESERT	NATIONAL	MAHILA P.G. MAHAVIDYA LYA JODHPUR	SOME MEDICINAL PLANTS OF THAR DESERT USED IN GERIATRIC HEALTH CARE	2011
15) NATIONAL CONFERENCE ON MANAGEMENT AND ACCOUNTABILITY IN HIGHER EDUCATION,	NATIONAL	S.P.C. GOVT. COLLEGE AJMER	-	2011
16) NATIONAL SEMINAR (UGC SPONSORED) ON MULTI BRAND FDI IN ORGANISED RETAIL IN INDIA	NATIONAL	S.P.C. GOVT. COLLEGE AJMER	-	2012
17) INTERNATIONAL INTERDISCIPLINARY CONFERENCE (ICSSR SPONSORED) HUMAN RESOURCE DEVELOPMENT IN SOUTH ASIA: ISSUES, ACHIVEMENTS AND CHALLENGES	INTERNATIONAL	S.P.C. GOVT. COLLEGE AJMER	-	2013
18) NATIONAL CONFERENCE (UGC SPONSORED) ON ECOLOGICAL PERSPECTIVE OF RAIN WATER HARVESTING AND GROUND WATER RECHARGE,	NATIONAL	S.P.C. GOVT. COLLEGE AJMER	-	2014

19) 43 <sup>RD</sup> RGA NATIONAL CONFERENCE ON URBAN GROWTH: ENVIRONMENTAL CHALLENGES AND RESPONSIBILITIES WITH SPECIAL REFERENCE TO RAJASTHAN	NATIONAL	S.P.C. GOVT. COLLEGE AJMER	FUTURE PERSPECTIVE OF MODERN TECHNOLOGIES BASED CROP DESIGNING IN AGRICULTURAL	2015
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			FIELDS OF RAJASTHAN	
21) NATIONAL CONFERENCE ON ENTREPRENEURSHIP, GLOBAL ECONOMY AND SUSTAINABLE DEVELOPMENT FOR DEVELOPING NATIONS	NATIONAL	D.A.V. COLLEGE AJMER	ECOTOURISM- NEED AND FUTURE PROSPECTIVES	2016
22) INDIA JAPAN INTERNATIONAL CONFERENCE BICON-2016	INTERNATIONAL	BIYANI COLLEGE, JAIPUR	-	2016
23) NATIONAL SEMINAR ON BIODIVERSITY, CONSERVATION AND ECOTOURISM	NATIONAL	MAHARANA PRATAP GOVT. P.G. COLLEGE, CHITTORGARH	ECOTOURISM: SUSTAINABLE DEVELOPMENT STRATEGIES USING SWOT ANALYSIS	2016
24) NATIONAL SEMINAR ON BIODIVERSITY, CONSERVATION AND ECOTOURISM	INTERNATIONAL	MAHARANA PRATAP GOVT. P.G. COLLEGE, CHITTORGARH	URBANISATION- AN IMPORTANT CAUSE OF CLIMATE CHANGE	2016

25) INTERNATIONAL SEMINAR ON RECENT TRENDS IN CHEMICAL SCIENCES: GLOBAL PROSPECTIVE AND PROGRESS	INTERNATIONAL	SHRI GOVIND GURU GOVT. COLLEGE, BANSWARA	BIOGEOCHEMICAL STUDY OF TEHSIL SAHAPURA OF DISTRICT BHILWARA OF RAJASTHAN STATE, INDIA	2016
26) NATIONAL SEMINAR ON RECENT TRENDS IN CHEMICAL SCIENCES	NATIONAL	SHRI GOVIND GURU GOVT. COLLEGE, BANSWARA	LIMNOLOGICAL INVESTIGATION OF ANASAGAR LAKE WITH SPECIAL REFERENCE TO ALGAL BIODIVERSITY.2016	2016
27) INTERNATIONAL CONFERENCE ON FIGHT AGAINST CANCER	INTERNATIONAL	CHHATRAPATI SHAHUJI MAHARAJ UNIVERSITY, KANPUR	-	2017
28) NATIONAL CONFERENCE ON ENVIRONMENT: ISSUES,	INTERNATIONAL	S.P.C GOVT. COLLEGE AJMER	E-WASTE IS AN ALARMING SIGN OF HEALTH AND	2018

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CHALLENGES AND STRATEGIES			ENVIRONMENT IN INDIA	
29) NATIONAL CONFERENCE ON ADVANCES IN SCIENCE AND TECHNOLOGY- AN INTERDISCIPLINARY APPROACH	INTERNATIONAL	SOPHIA GIRLS COLLEGE AJMER	TEXTILE INDUSTRY EFFLUENTS AFFECTING THE GROUND WATER QUALITY IF BHILWARA	2018

30) INTERNATIONAL CONFERENCE ON GANDHI: THE ETERNAL TRUTH RELEVANCE FOR FUTURE GENERATIONS	INTERNATIONAL	S.P.C GOVT. COLLEGE AJMER	GANDHIAN LIFESTYLE: IMPORTANT IN ENVIRONMENTAL CONSERVATION IN FUTURE	2019
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**11. Organizing Sec./Convener of conference/seminar/webinar :**

Conference/Seminar Title	Year

**12. Resource Person:**

In training Programme	GYAN GANGA PROGRAMME (1/02/2021 to 6/02/2021)  S.P.C GOVT. COLLEGE AJMER
In conferences/Seminars (Chair/Co-Chair/of Session)	

**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
INVESTIGATIONS ON PHYSICOCHEMICAL CHARACTERISTICS OF ANASAGAR LAKE, AJMER	INDIAN JOURNAL OF ECOLOGY  03045250	18(2)1991			
INFLUENCE OF PHYSICOCHEMICAL CHARACTERISTICS ON THE PERIODICITY OF ALGAL	JOURNAL OF PHYTOLOGICAL RESEARCH  2075-6240	4(1)1991			





FLORA IN A FRESH WATER LAKE					
SEASONAL FLUCTUATION AND INTERRELATIONSHIPS BETWEEN ALGAL, FUNGAL COMPOSITION AND PHYSICOCHEMICAL CHARACTERISTICS OF A TEMPLE TOWN RESERVOIR	JOURNAL OF NATURE CONSERVATION 0970-5945	4(2)1992			
MICROBIOLOGICAL STUDIES OF ANASAGAR LAKE AJMER, RAJASTHAN	INDIAN JOURNAL OF MICROBIAL ECOLOGY 00468991-09737715	2-1992			
INTERRELATIONSHIPS BETWEEN HETEROTROPHIC BACTERIA AND PHYSICOCHEMICAL CHARACTERISTICS OF A FRESH WATER POLLUTED LAKE AT AJMER	JOURNAL OF PHYTOLOGICAL RESEARCH 2075-6240	6(1&2)1993			

#### 14. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
ISOLATION, PURIFICATION AND CHARACTERISATION OF BACTARIA FROM SOIL SPILLED WITH PETROLIUM PRODUCT	1999	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

❖ M. Phil.

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Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
Ms. MANISHA	ISOLATION OF E.coli FROM PUSHKAR LAKE WATER	AWARDED	2000
CHANDRA SHEKHAR	ISOLATION PURIFICATION AND CHARACTERIZATION OF HETEROTROPHIC BACTERIA FROM ANASAGAR LAKE AJMER AND EFFECT OF MEDICINAL PLANTS <i>Punica granatum</i> AND <i>Aloe barbadensis</i> ON E.coli	AWARDED	2004
MUKESH KUMAR	ETHNOBOTANY OF JHUNJHUNU DISTRICT	AWARDED	2008
RAGHUNATH PRASAD KUMAWAT	EFFECT OF IDOL IMMERSION ON THE WATER QUALITY OF PUSHKAR LAKE & ANASAGAR LAKE WATER	AWARDED	2009
ASHOK KUMAR MEENA	ETHNOMEDICINAL PLANTS OF KARALI 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

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

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

**13 Sports Activities:**

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**14 Extra Curricular Activities:**

**15. Any Other Relevant Information/Contributions**

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