



Faculty Profile



1. Name: Dr. Anshu Karel
2. Designation: Associate Professor
3. Department: Botany
4. Educational Qualification:

Level	Name of University/Board	Year	Title/ Remark/ Medal
<i>P.G.</i>	M.D.S.U.,Ajmer	2000	
<i>M.Phil.</i>	M.D.S.U.,Ajmer	2001	“PHYSIOLOGICAL EFFECTS OF HYPERTHERMIA ON THREE PLANT SPECIES”
<i>Ph.D.</i>	M.D.S.U.,Ajmer	AWARDED IN MAR. 2006	“STUDY OF RHIZOSPHERE & RHIZOPLANE MICROFLORA ASSOCIATED WITH VAM IN TWO SELECTED LEGUMES”
<i>Other NET</i>	CSIR-UGC	JUNE, 2000	LIFE SCIENCES

5. Experience: Teaching / Research

UG	18 yrs	PG	14 yrs	Research	06 yrs including doctoral research
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6. Membership (Academic Bodies/ Research societies):

- I. THE INDIAN BOTANICAL SOCIETY
- II. ASSOCIATION FOR PLANT TAXONOMY
- III. INDIAN SOCIETY OF SEED SPICES
- IV. THE INDIAN FERN SOCIETY



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

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

8. Awards Received:

9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	University Of Rajasthan, Jaipur	Ugc	12_12_2005 To 07_01_2006 (28 Days).
Refresher	1.J.N.V.U., Jodhpur	UGC	24_07_2007 To 12_12_2007(21 DAYS).
	2.University Of Rajasthan, Jaipur	UGC	09_11_2009 To 28_11_2009 (21 DAYS).
	3.M.D.S.U., Ajmer	UGC	08_01_2009 To 28_01_2009(21 DAYS).
	4.M.D.S.U., Ajmer	UGC	20_08_2016 To 09_08_2016 (21 DAYS).

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Others (Workshop/ Summer School/ Camp Etc.)	1. Biological Techniques Based On UGC Syllabus ,Deptt. Of Botany, Government College, Ajmer.		26-28 Feb.,2007
	2. Methods And Approaches In Plant Systematics,NBRI, Lucknow.	UGC	5-14 Dec.,2011
	3. Achieving Excellence Through E-Governance in Higher Education, S.P.C.G.C., Ajmer.	CSIR-NBR I, Lucknow.	16 Feb.,2015.
	4.Small Entrepreneurships Based On Microbes ,Deptt. of Microbiology, M.D.S.U., Ajmer.	S.P.C.G.C. A.UGC	15-16 Feb.,2016
	5.Intellectual Property Rights, S.P.C.G.C., Ajmer	DST	17 Mar.,2018
International	1. Arthrospira Mass Production In Rural Areas Of Tropical Countries,Deptt. Of Botany ,Government College, Ajmer	UNESCO & TWAS	22-26 Oct.,2007
Online F.D.P (Faculty Development Programme)	1.Initiatives for Teaching –Learning Excellence in Botany	CCE & GDC,Bikaner	11-16 Jan.,2021
	2.Short Term Training Program on Biodiversity	CCE & GDC,Bikaner	21-27 Feb.,2021

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10. Seminar/ Conference :

Name of Symposium/ Seminar/Conference	Internat./ National/ Regional	Organized by	Title of Paper presented	Year
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1.Environmental Impact Assessment	National	Attended		26-27 Feb.,2007
2. Role of Green Chemistry for Risk Free Environment	National	Paper	Bioremediation of Benzene in Fenugreek Myco-Rhizosphere	18 Dec.,2010
3.Management & Accountability in Higher Education	National	Attended		08-09 Jan., 2011
4. XXXIV All India Botanical Conference (Seminar)	National	Paper	“Survey of microflora association with rhizoplane & rhizosphere of Fenugreek”	10-12 ,Oct.2011
5. Current Status And Opportunities In Medicinal Plants Of Thar Desert	National	Paper	“Survey of Medicinal Plants of Rajasthan in Treatment and Prevention of Cardiovascular Diseases.”	17-18 Dec.,2011
6.Biodiversity Depletion: Causes, Consequences And Solutions	National	Poster	“Distribution and Phytogeography of the Pteridophytes of Rajasthan”	28-29Sept. , 2012.
7. Environmental Terrorism: A Challenge for the New Millenium	National	Attended		25-26 Oct., 2013

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8. Ecological Perspective of Rain water Harvesting and Groundwater Recharge	National	Paper	“Social and ecological need of Rain Water Harvesting with special reference to Rajasthan”	3- 4 Jan.,2014
9. Biodiversity: Harmonizing Conservation with Life and Landscape of Arid and Semi-arid Areas	National	Paper	“Mycorrhizal & Bacterial Interaction in the Rhizosphere of <i>Vigna aconitifolia</i> ”	29-30 Oct.,2014
10. Urban Growth :Environmental Challenges & Responsibilities with Special Reference to Rajasthan	National	Paper	“Green Technology: Way to Smart City”	26-28 Oct.,2015
11. Emerging Trends in Biotechnology for Agriculture, Medicine and Environment	National	Paper	Genetically Modified Crops: A Reality Check	18-19 Nov.,2016
12. Environment: Issues, Challenges and Strategies	National		Environmental Pollution: Impacts on Biodiversity	1-2 Oct.,2018
13. Advances in Science and Technology-an Interdisciplinary Approach	National		Rhizosphere and Rhizoplane Fungal Flora of Fennel (<i>Foeniculum vulgare</i>)	15-16 Oct.,2018



14.Folk and Herbal Medicine	Internati onal	Attended	“Ethnobotany of leguminous plants in Ajmer district”	25-27 Nov.,2010
15.Human Resource Development in South Asia : Issues, Achievements & Challenges	Internati onal	Paper	Women in Natural Resources Management in the Pattern of Climate Change	19-21 Dec.,2013
16.Shri Pushkar Sarovar Samvardhani Samiti 10-11 Jan.,2014.	Internati onal	Paper		10-11 Jan.,2014
17.Exploring Contexts of Tourism, Culture and Heritage in South Asia	Internati onal	Paper	Sustainable Development and Ecotourism	27-28Sept.,2018
<u>Seminars:</u>				
1.Multibrand FDI in Organized Retail in India.	National	Attended		01-02 Mar.2012
2.Recent Advances in Botany	National	Paper	“Survey of Microflora Association with Rhizosphere of Moth Bean(<i>Vigna aconitifolia</i>)”	3-4 Dec.,2012
3. Scientific & Technical Terminology in	National			17-18 Mar.,2013

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Climate change & Biodiversity		Attended		
4. Scientific & Technical Terminology in Forestry Science	National	Paper		09-10 Sep., 2015
5. Scientific & Technical Terminology in Environmental & Chemical Sciences	National	Attended		08-09 Feb., 2016

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

Conference/Seminar Title	Year

12. Resource Person:

In training Programme	
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
Survey of Microflora Association with Rhizoplane and Rhizosphere of Fenugreek(<i>Trigonella foenm-graecum</i> Linn.)	Journal of Indian Botanical Society	2011			

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Effect of <i>Rhizobium</i> , arbuscular mycorrhiza and rhizobacterial isolates on fenugreek (<i>Trigonella foenum-graecum</i>) growth and mycorrhiza population	International J. Seed Spices ISSN 2278-8417	Vol.6(1), Jan.2016			
Studies on Vesicular Arbuscular Mycorrhizae of <i>Trigonella foenum-graecum</i>	Trends in Biosciences	Vol.10(27), July 2017			

14. Research Projects:

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

15. Research Supervision:

- Basic Field of specialization:

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- **MICROBIAL ECOLOGY**
- **SOIL MICROBIOLOGY**

❖ **Ph.D.**

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

❖ **M. Phil.**

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
Ms. Lata Gahlot	"ETHNOBOTANY OF LEGUMINOUS PLANTS OF HATUNDI VILLAGE, AJMER"	AWARDED	2009

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)**

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

13 Sports Activities

14 Extra Curricular Activities:

15. Any Other Relevant Information/Contributions

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

- Paper setter of various bodies like, R.P.S.C. and several universities of Rajasthan.
- Worked as Subject expert at R.P.S.C. and Agriculture University, Jodhpur.
- Evaluated answer books of various universities of Rajasthan, M.G.S.U, Bikaner; M.L.S.U., Udaipur; M.D.S.U., Ajmer and R.P.S.C.
- External examiner at several colleges affiliated to various universities.

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