

Faculty Profile

1. Name: Dr (Mrs) SUMAN KUMARI PARIHAR

2. Designation: ASSOCIATE PROFESSOR

3. Department: BOTANY

4. Educational Qualification:



Level	Name of University/Board	Year	Title/ Remark/ Medal
P.G M.Sc	Bundelkhand University	1983	1st Div
M.Phil.	-	-	-
Ph.D.	Bundelkhand University	1987	Work Place – I.G.F.R.I Jhansi (Indian Grassland and Fodder Research Institute) Cytogenetic Studies in Genus Pennisetum Rich

5. Experience: Teaching / Research

UG 22 Years PG	21 Years	Research	15 Years
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- 6. Membership (Academic Bodies/ Research societies): IBS
- 7. M.O.O.C (Developed by Faculty):
- 8. Awards Received:
- 9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	-	-	-
	MDS U Ajmer	State Government	2.12.2002 -> 22.2.2002
Refresher	MDS U Ajmer	State Government	9.03.2004 -> 29.03.2004
	MDS U Ajmer	State Government	16.9.2006 -> 6.10.2006

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Others (Workshop/ Summer School/ Camp etc.)			
1)Summer Institute	I.G.F.R.I Jhansi	Central Government	6.5.1985-> 25.5.1985
2) Work Shop on Dissemination of Census Data	MDS U Ajmer	UGC	29 Sept. 2006
3) International Workshop	GCA Ajmer	UNESCO	22 nd – 26 th October 2007
Arthrospira Mass Production in Rural Areas of Tropical Countries			
	DAV Ajmer	UGC	28 th – 30 th July
4) Script Writing For Scientific Films	GCA Ajmer	Centre Of	30 th Nov, 2010
5) Management Development and Faculty development Programme		Excellence (Model Colleges)	30 1101, 2010
6) Intellectual Property Right	SPCGCA Ajmer	DST Rajasthan	17 th March, 2018
7) Soft Skill Development	SPCGCA Ajmer	Microsoft	8 th to 12 th October 2018
8) Formulation of District Disaster Management Plan	Jaipur Rajasthan	Lok Prashasan Sanstha Jaipur	23 rd to 25 th September 2020

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9)Rain water conservation campaign: Catch The Rain	conservation campaign: Barwani (M.P.)		2 nd March to 9 th March 2021
Online F.D.P (Faculty De	evelopment Programme)		
1) Gyan Ganga Programme	M.S.J.Govt.(P.G.) College, Bharatpur (Raj.)	Commissionerate College Education Rajasthan and M.S.J.Govt.(P.G.) College, Bharatpur (Raj.)	25 th to 31 st January 2021

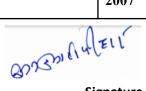
10. Seminar/ Conference:

Name of Symposium/ Seminar/Conference	Internat./ National/ Regional	Organized by	Title of Paper presented	Year
1) Ninth All India Botanical Conference	National	Paper Presented	Effects of Gamma Rays On Pennisetum Americanum (L) Leeke	28 th -30 th Decem ber,198 6
2) Interdisciplina ry Conference on Environment	National	Attended		30 th – 31 st Jan ,2001

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,	National Conference on Recent Trends in Radiation Biology and Cancer Research	National	Paper Presented	Effect of gamma rays on P. polystachyon	17 th -19 th Oct, 2004
4)	XXXII RGA National Conference On Regional Planning and Development	National	Attended	1) Environment as a Predisposing Factor for the post harvest bacterial diseases of Market Fruits 2) Physico – Chemical studies of Aquatic systems of Ajmer	25 th -27 ^t h Octobe r, 2004
5)	XXIX All India Botanical Conference and Natural Symposium	National	Attended	Nutritional grouping of few bacterial species isolated from market fruits	2006
,	National Conference on Emerging Trends in Microbiology and Biotechnology	National	Attended	Mutation induced in Trigonella Corniculata- L and Variability Isolated Rhizobium	29 th - 30 th Jan, 2007
,	National Conference on Environmenta I Impact Assessment	National	Attended	Environmental degradation and Phyto planktonic composition of Khanpura Pond, Ajmer	26 th -27 th Feb, 2007
8)	XXX Annual Conference Of The Indian	National	Attended		28 th - 30 th Sept., 2007





Botanical Society				
9) International Conference on Radiation Biology and Translational Research in Radiation Oncology	Internat ional	Paper Presented	Effects Of Gamma Rays On Seed Germination, Morphology and Cytogenetics Of Several Pennisetum Species	10 th -12 th Nov, 2008
10) National Conference on Management and Accountability in Higher Education	National	Attended		8 th – 9 th Jan, 2011
11) XXXIV All India Botanical Conference	National	Paper Presented	Difference in the morphological characteristics of the pennisetum Americana produced by Gamma rays radiation and Colchicine Treatment	10 th – 12 th Oct., 2011
12) National Seminar on Multi Brand FDI in Organized Retail in India	National	Attended		1 st -2 nd march, 2012
13) National Seminar Conservation of Lakes and Water Resources:	National	Attended		19 th – 20 th Feb., 2010

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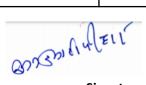


Management Studies				
14) National Conference on Ecological Perspective of Rain Water Harvesting and Ground Water Recharge	National	Attended		3 rd - 4 th Jan, 2014
15) National Seminar on Commission For Scientific and Technical Terminology	National	Attended		9 th – 10 th Sept, 2015
16) National Conference on Environment, Issues Challenges and Strategies	National	Attended	Environmental Pollution—Impact of Biodiversity	1 st & 2 nd Oct, 2018
17) National Conference on Advances in Science and Technology- An interdisciplina ry approach	National	Attended	Comparison of two species	15 th & 16 th Oct, 2018
18) International Conference on Gandhi: The Eternal Truth	Internat ional Confere nce	Attended	Mahatma Gandhi—scientific philosophy	18 th & 19 th Sept, 2019

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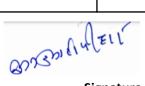


1)	Herbal Industry Medicinal Plants	National Webinar	Attended		11 th July, 2020
2)	Effect of COVID-19 on global environment and its prevention	National Webinar	Attended		2 nd & 3 rd June 2020
3)	Herbal Industry and Medicinal Plants	National Webinar	Attended		11 th July 2020
4)	Novel Techniques and advancements in Chemical and Physical Sciences	National Webinar	Attended		21 st July 2020
5)	Restructuring Geography to Meet New Challenges	National Webinar	Attended		24 th July 2020
6)	How to Write a good research paper	National Webinar	Attended	_	27 th July 2020
7)	Recent Trends in Physics	National Webinar	Attended		30th July 2020
8)	Paradigm Shift in Indian Economy in COVID era	National Webinar	Attended		13 th August 2020
9)	Relevance of Ethno Botany in contemporary	National Webinar	Attended		14 th August 2020





Socio-Econom			
ic Conditions			
10) Integrated Strategies of Biodiversity and Ecological Development	National Webinar	Attended	 25 th to 26 th August 2020
11) Sustainable utilization of Herbal resources: Conservation and Challenges	National Webinar	Attended	 2 nd Septem ber 2020
12) Higher Education and the new education policy 2020: An Appraisal	National Webinar	Attended	 3 rd Septem ber 2020
13) Challenges before Indian Democracy	National Webinar	Attended	 4 th Septem ber 2020
14) Future perspectives in Agricultural Education	National Webinar	Attended	 5 th Septem ber 2020
15) PLANTS: The Immunity Booster for COVID- 19	National Webinar	Attended	 7 th Septem ber 2020
16) Genomic Selection in crop plants	Internat ional Webinar	Attended	 24 th Octobe r 2020
17) Environmenta l Ethics: Conservation and	National Seminar	Attended	 6 th Novem



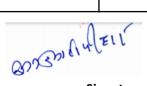


Sustainable Development			ber 2020
18) Philosophy, Science and Technology	National Webinar	Attended	 9 th Decem ber 2020
19) Vartaman Paridrishay mein Bhartiya Gyan- Parampara ka Avdan	Internat ional Webinar	Attended	 12 th Decem ber 2020
20) Shah Abdul Latif: Ek Sufi Mat	Internat ional Webinar	Attended	 19 th Decem ber 2020
21) Chemistry Solutions to Climate Change: Building Better Future	Internat ional Webinar	Attended	 22 nd Decem ber 2020
22) Contemporary History of India	Internat ional Webinar	Attended	 8 th Januar y 2021
23) Urdu Shayari Mein Watan Parasti	National Webinar	Attended	 12 th Januar y 2021
24) Nutritionally Enhanced Cereals for Food and Nutrition Security	Internat ional Webinar	Attended	 24 th Januar y 2021
25) Botanic Gardens n=and Biodiversity of India:	National Webinar	Attended	 17 th to 18 th Februa ry 2021





Identification, conservation and management				
26) Biodiversity Conservation: Ecological and Economic Aspects	Virtual Seminar / National Webinar	Attended		25 th Februa ry 2021
27) Biodiversity and Climate Changes: Challenges and Perspectives	National Webinar	Attended		4 th March 2021
28) On the occasion of a global day of recognition celebrating the Social, Economic and Political Achievements of Women	National Webinar	Attended		8 th March 2021
29) Sanayik Chunotiyon mein Hindi Sahitya ki Bhumika (SPCGCA)	National Webinar	Attended	_	9 th March 2020
30) Biosphere Reserves in India: Identification, Conservation and Management (Dept.of Botany Govt. M.S.Golwalka r College, Rewa (M.P.)	National Webinar	Attended		15 th to 19 th March 2021



31) Organizing Sec./Convener of conference/seminar/webinar :

Conference/Seminar Title	Year
1) Gyan Ganga Programme (Faculty Development Programme): CO-CONVENER	1 st to 6 th February 2021

32) Resource Person:

In training Programme	
In conferences/Seminars (Chair/Co-Chair/of Session)	Gyan Ganga Programme (Faculty Development Programme): Resource Person

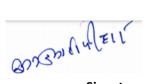
33) Research Publications

Title of	Paper	Name of Journal with Impact factor & ISSN No.	Volume and No. with Year	Citation Index	Impact Factor	Google Index
1)	On the Cytology of Pennisetum Orientale Rich (2n=56)	Current Science	Vol. 56, No. 15, pp. 784-787, 1987			
2)	Meiotic studies in Pennisetum Hohenackeri Hochst.	Indian Journal Botany Society	Vol. 66, pp. 269-271, 1987			
3)	Effects of Gamma Rays on Pennisetum Typhoides	Forage Research	Vol. 14 (2), pp. 131-136, 1988			
4)	Desynapsis in Pennisetum Hohenackeri Hochst.	Forage Research	Vol. 14 (1), PP. 59-61, 1988			
5)	Karyotypes of Pennisetum Species	Indian Journal Botany Society	Vol. 68, pp. 295-299, 1989			

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7)	ingi um ana ixicinas	Indian Journal Botany Society Cellular and Molecular Biology	Vol. 68 , pp 295-299, 1989 Vol. 56 , 2010, ISSN 1165-158X, pp. 1239-1251		
	The Impact of Amended Soil with cement Kiln dust on structure of epidermal and stomatal cells of Pennisetum typhoides	International Journal Of Environment ISSN 2249 - 2127	Vol. 5 (384) : RP 106- 110		
	Effect of cement Kiln dust on some properties of Soil	International Journal of Advance Research in Science and Engineering ISSN: 2319- 8354	Vol. 6 Issue No – 11 Nov 2017 www.ijasse.com		
	The Impact of Amended soil with Cement kiln dust on structure of Epidermal and Stomatal cell of Sorghum bicolor	Research Journal of Recent Science	Vol.5(5), 29-32, May (2016) E-ISSN 2277- 2502 Res.J.Rescent Sci.		
	Isolation and Identification of Flavanoids from Alhagi maurorum	Journal of Pharmacology and Phytochemistry E-ISSN: 2349-8234	JPP 2018, 7 (3) 1321- 1325		





12) Isolation and Identification of Phytosterols from Alhagi maurorum	International Journal of Biology Research ISSN: 2455-6548	Vol- 3, Issue-2 , 2018, 68-70 App- 2018		
13) Antimicrobial protection of Alhagi maurorum against clinically important microbes	International Journal of Botany Studies ISSN: 2455-541X	Vol- 3, Issue-2,March 18, 61-64		
14) Evaluation of antioxidant potential of Dicoma tomentosa and Ahlagi maurorum leaf and stem powder	Journal of Drug delivery and Theraputics ISSN: 2250-1177	Vol 9 No 4-A (2019): Volume 9, Issue 4-A, July-Aug 2019 (Supplement Issue-2)		
15) Antimicrobial Activity of Dicoma tomentosa Plant in arid region of Jhunjhunu	Research Review International Journal Of Multidisciplinary E-ISSN: 2455-3085	Vol-4 Issue-03 March 2019 Published Online: 13		
16) In-vitro callus induction and multiplication of inter-nodal explants in plants Dicoma tomentosa and Alhagi maurorum	Journal of Drug delivery and Theraputics ISSN: 2250-1177	Vol 9 No 4-A (2019): Volume 9, Issue 4-A, July-Aug 2019 (Supplement Issue-2)		
17) Water Quality measure of three major water bodies of ajmer	National seminar on Conservation of Lakes and Water Resources	Conference Proceeding (2009-10); Maharana Pratap		

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	Management Strategies	University of Agriculture and Engineering, Udaipur		
18) Variations in Chloride Concentrations in Anasagar Lake – A Fresh Water Polluted Lake.	National seminar on Conservation of Lakes and Water Resources Management Strategies	Conference Proceeding (2009-10); Maharana Pratap University of Agriculture and Engineering, Udaipur		
19) Limnological study of water reservoirs of Ajmer with special ref to Pushkar lake and Foysagar lake	National seminar on Conservation of Lakes and Water Resources Management Strategies	Conference Proceeding (2009-10); Maharana Pratap University of Agriculture and Engineering, Udaipur		
20) Evaluation of Primary Metabolites Profiling from Ahlagi Maurorum (Leaf And Stem)	Anthology: The Research	Vol – 5 Issue 10 *January 2021 ISSN: 2456- 4397		

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21) Research Projects:

Title of the Project		l °	 Present status
	 		

22) Research Supervision:

- Basic Field of specialization:
- Ph.D.

Name of Student	Title of thesis	Present status	Date and Year of Award, if so
1) Pooja Solank i	Study of the impact of amended soil with cement dust on selected crops of Rajasthan	Awarded	16.07.2018
6. Shilpa Dhania	A Novel Therapeutic Approach towards Study of Natural Plants Products from Dicoma spp. And Alhagi spp.	Doing	-
7. Vijay Laxmi Songar	Phytoremediation Potential of Selected Leguminosae Plants for Contaminated Soil of Industrial Area (Ajmer)	Doing	-

❖ M. Phil.

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
1) Aliya Khan	Reclamation of Saline and Alkali Soil in Uniara Panchayat Samiti of Tonk (Dist.)	Awarded	2006-2007
2) Vinita Gupta	Allelopathic Effects of Corchorus Tridens L. on Germinations and Growth of Bajra	Awarded	2007-2008

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3) Vijay Laxmi Songer	An Ethnobotanical Study of Medicinal Plants: A Case Study of Tonk District	Awarded	2008- 2009
4) Rashmi Kala	Studies on Fungi of Sand Dunes Of Nagaur	Awarded	2009-2010

8. Monograph/ Book / Chapter (in Edited Book)/Chapters in study material of Open universities

• Book (Single Author)

Tritle of Rook	ISBN/ ISSN No.	Publisher with Place	Year of Publication
		1	1

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

Thitle at Chanter	Authors / Editors	Name of the Book with ISBN/ ISSN No.	Publisher with Place	Year of Publication

13 Sports Activities: Nil

14 Extra Curricular Activities: Nil

15. Any Other Relevant Information/Contributions: Nil

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