



## 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
<i>P.G.- M.Sc</i>	Bundelkhand University	1983	1 <sup>st</sup> Div
<i>M.Phil.</i>	-	-	-
<i>Ph.D.</i>	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
----	----------	----	----------	----------	----------

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	-	-	-
Refresher	MDS U Ajmer	State Government	2.12.2002 -> 22.2.2002
	MDS U Ajmer	State Government	9.03.2004 -> 29.03.2004
	MDS U Ajmer	State Government	16.9.2006 -> 6.10.2006

Signature



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

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

Signature



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

9) Rain water conservation campaign: Catch The Rain	SBN Govt PG College, Barwani (M.P.)	Botany Department and Eco Club SBN Govt PG College, Barwani (M.P.)	2 <sup>nd</sup> March to 9 <sup>th</sup> March 2021
<b>Online F.D.P (Faculty Development Programme)</b>			
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 <sup>th</sup> to 31 <sup>st</sup> 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 <sup>th</sup> -30 <sup>th</sup> December, 1986
2) Interdisciplinary Conference on Environment	National	Attended	-----	30 <sup>th</sup> - 31 <sup>st</sup> Jan, 2001

Signature



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

3) National Conference on Recent Trends in Radiation Biology and Cancer Research	National	Paper Presented	Effect of gamma rays on P. polystachyon	17 <sup>th</sup> -19 <sup>th</sup> 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 <sup>th</sup> -27 <sup>th</sup> October, 2004
5) XXIX All India Botanical Conference and Natural Symposium	National	Attended	Nutritional grouping of few bacterial species isolated from market fruits	2006
6) National Conference on Emerging Trends in Microbiology and Biotechnology	National	Attended	Mutation induced in Trigonella Corniculata- L and Variability..... Isolated Rhizobium	29 <sup>th</sup> -30 <sup>th</sup> Jan, 2007
7) National Conference on Environmental Impact Assessment	National	Attended	Environmental degradation and Phyto planktonic composition of Khanpura Pond, Ajmer	26 <sup>th</sup> -27 <sup>th</sup> Feb, 2007
8) XXX Annual Conference Of The Indian	National	Attended	-----	28 <sup>th</sup> -30 <sup>th</sup> Sept., 2007

Signature



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

Botanical Society				
9) International Conference on Radiation Biology and Translational Research in Radiation Oncology	International	Paper Presented	Effects Of Gamma Rays On Seed Germination, Morphology and Cytogenetics Of Several Pennisetum Species	10 <sup>th</sup> -12 <sup>th</sup> Nov, 2008
10) National Conference on Management and Accountability in Higher Education	National	Attended	---	8 <sup>th</sup> – 9 <sup>th</sup> 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 <sup>th</sup> – 12 <sup>th</sup> Oct., 2011
12) National Seminar on Multi Brand FDI in Organized Retail in India	National	Attended	---	1 <sup>st</sup> -2 <sup>nd</sup> march, 2012
13) National Seminar Conservation of Lakes and Water Resources:	National	Attended	---	19 <sup>th</sup> – 20 <sup>th</sup> Feb., 2010

Signature



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

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

Signature



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

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

Signature



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

Socio-Economic Conditions				
10) Integrated Strategies of Biodiversity and Ecological Development	National Webinar	Attended	--	25 <sup>th</sup> to 26 <sup>th</sup> August 2020
11) Sustainable utilization of Herbal resources: Conservation and Challenges	National Webinar	Attended	--	2 <sup>nd</sup> September 2020
12) Higher Education and the new education policy 2020: An Appraisal	National Webinar	Attended	--	3 <sup>rd</sup> September 2020
13) Challenges before Indian Democracy	National Webinar	Attended	--	4 <sup>th</sup> September 2020
14) Future perspectives in Agricultural Education	National Webinar	Attended	--	5 <sup>th</sup> September 2020
15) PLANTS: The Immunity Booster for COVID- 19	National Webinar	Attended	--	7 <sup>th</sup> September 2020
16) Genomic Selection in crop plants	International Webinar	Attended	--	24 <sup>th</sup> October 2020
17) Environmental Ethics: Conservation and	National Seminar	Attended	--	6 <sup>th</sup> November

Signature





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

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

Signature



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

Identification, conservation and management				
26) Biodiversity Conservation: Ecological and Economic Aspects	Virtual Seminar / National Webinar	Attended	--	25 <sup>th</sup> February 2021
27) Biodiversity and Climate Changes: Challenges and Perspectives	National Webinar	Attended	--	4 <sup>th</sup> 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 <sup>th</sup> March 2021
29) Sanayik Chunotiyon mein Hindi Sahitya ki Bhumika (SPCGCA)	National Webinar	Attended	--	9 <sup>th</sup> March 2020
30) Biosphere Reserves in India: Identification, Conservation and Management ( Dept.of Botany Govt. M.S.Golwalkar College, Rewa (M.P.)	National Webinar	Attended	--	15 <sup>th</sup> to 19 <sup>th</sup> March 2021

Signature



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

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

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

## 32) Resource Person:

In training Programme	--
In conferences/Seminars (Chair/Co-Chair/of Session)	1) 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			

Signature



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

6) Karyotypes of Pennisetum Species	Indian Journal Botany Society	Vol. 68 , pp 295-299, 1989			
7) Effect of Solanum nigrum and Ricinus communis Extracts on Histamine and Carrageenan – Induced Inflammation in the Chicken Skin	Cellular and Molecular Biology	Vol. 56 , 2010, ISSN 1165-158X, pp. 1239-1251			
8) 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			
9) 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			
10) 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.			
11) Isolation and Identification of Flavanoids from Alhagi maurorum	Journal of Pharmacology and Phytochemistry E-ISSN: 2349-8234	JPP 2018, 7 (3) 1321- 1325			

Signature



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

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 Therapeutics 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 Therapeutics 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			

Signature



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

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

Signature



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

## 21) Research Projects:

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

Signature



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

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)

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: Nil

14 Extra Curricular Activities: Nil

15. Any Other Relevant Information/Contributions: Nil

Signature