



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

Faculty Profile

1. Name: DR. DILIP GENA
2. Designation: ASSOCIATE PROFESSOR
3. Department: BOTANY
4. Educational Qualification:



Level	Name of University/Board	Year	Title/ Remark/ Medal
<i>P.G.- M.Sc (Botany)</i>	MDSU AJMER	1996	Gold Medalist MDSU, Ajmer Recipient of M. Ratnam Medal
<i>M.Phil.</i>	-	-	-
<i>Ph.D.</i>	MDSU AJMER	1999	Physiological, Phytochemical and experimental studies of Genus <i>Isoetes</i> L. in Rajasthan".

5. Experience: Teaching / Research

UG	24 Years	PG	22 Years	Research	22 Years
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6. Membership (Academic Bodies/ Research societies):

- I. Life Member: Indian Fern Society
- II. Life Member: Indian Botanical Society

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

8. Awards Received:

9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
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Orientation Course	ROU JAIPUR	UGC	Feb., 11 to March 2, 2002.
Refresher Course	M.D.S U. Ajmer.	U G C	Dec 2- 22, 2002.
Refresher Course	M.D S U Ajmer	U G C	30 Sep- 20 Oct 2004
Other (Workshop/ Summer School/ Camp etc.)			
International Workshop on Arthrospira Mass Production in Rural Areas of Tropical Countries.	organised by Government College, Ajmer	Sponsored by, UNESCO and TWAS;	2007, October 22nd-26th.
Workshop on Management development and Faculty development Programme	Organized by GCA, Ajmer	UGC	30/11/2010
Workshop on achieving Excellence through E-Governance in Higher Education.	Organised by Centre for Excellence (Model College), Samrat Prithviraj Chauhan Government College, Ajmer		2015, February 16th
workshop on Scientific and Technical Terminology in Forestry Science	Organized by SPC Govt. College, Ajmer	Commission for Scientific and Technical Glossary, HRD Ministry, New Delhi	2015, September 9-10



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workshop on Scientific and Technical Terminology in Science Teaching	Organized by DAV College, Ajmer	Commission for Scientific and Technical Glossary, HRD Ministry, New Delhi	2016, August 12-13
Faculty Development Workshop on LibreOffice Suite	SPCGCA	Spoken Tutorial Project, IIT Bombay	3rd June 2017
Workshop on Intellectual Property Rights (DST, Govt. of Rajasthan) Organized by SPC Govt. College, Ajmer	SPC Govt. College, Ajmer	DST, Govt. of Rajasthan	2018, March 17 th ,
Online F.D.P (Faculty Development Programme)			
1) Gyan Ganga Programme	MSJ Govt PG College Bharatpur	Commissioner's College Education Rajasthan and MSJ Govt PG College Bharatpur	25- 31 January, 2021

10. Seminar/ Conference :

Name of Symposium/ Seminar/Conference	Internat./ National/ Regional	Organized by	Title of Paper presented	Year
Indian Botanical Society and National Symposium on Plant Biology and Biodiversity in changing Environment.	National		Aspects of <i>Isoetes</i> localities of Rajasthan, India	Dec 29-31, 2003



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Rajasthan Geographical Association on Regional Planning & Development (with special Reference to Rajasthan).	National		Phytogeographical studies of the flora of Ajmer district.	Oct 25 – 27, 2004
Bioinformatics and computer Applications".	National	Attended		Nov 26 – 27, 2006.
Environmental planning and conservation by traditional methods:	National	Attended		Dec 22 – 23, 2006.
Advances in Botanical, Biotechnological and Microbiological Researches in India during last decade (1996-2006).	National	Attended		Dec 26 – 28, 2006
National Conference on Recent Advances in Chemical Sciences (special emphasis on: Food and Drug Research).	National	Organised by Department of Chemistry Govt. Dungar College, Bikaner		Oct 3 – 5, 2008.
National Seminar on "Biotechnology: A tool for Biodiversity Conservation.	National	Department of Botany, Government College, Kota		Dec 11 – 12, 2009.
National Conference on Environmental Health Hazards – 2009 (EHH – 2009)."	National	JDB Government PG College	Medicinal Plants of Ajmer District, Rajasthan	Dec 17 – 18, 2009.



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		for Women, Kota.		
National Seminar on Environmental Challenges.	National	Chemistry Alumni, MLV Government College Bhilwara		April 2nd 2010
International Conference on Folk and Herbal Medicine.	Inter national	Department of Botany, University College of Science, MLSU, Udaipur		Nov 25-27, 2010
National Conference on 'Current Status and Opportunities in Medicinal Plants of Thar Desert'	National	Mahila PG Mahavidyalay Jodhpur	Enumeration of medicinal plants used for treatment of cold and cough in the Nagaur District	Dec. 17-18, 2011
National Seminar on Multi Brand FDI in organized Retail in India".	National	GCA, Ajmer		March 1-2, 2012
National Conference on Biodiversity Depletion: Causes, consequences and solutions".	National	Department of Botany, MLV Government College, Bhilwara	Distribution of Pteridophytic flora in Ajmer District, Rajasthan	Sep 28-29, 2012
National Conference on Environmental Management & Biodiversity	National	Govt. Lohia PG College Churu.	<i>Phytodiversity of Ajmer District Rajasthan</i>	October 6-7, 2012



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Conservation: Present Status and Future Strategy.				
35 th All India Botanical Conference & National Symposium on Role of Plants and Microbes for the betterment of Mankind in the Changing Climate	National	Deptt of Botany, The Maharaja Sayajirao University of Baroda, Vadodara Gujrat.	Traditional Herbal Treatments for GI disorders as practised by Agrarian society of Masuda Tehsil, Ajmer	Dec 8-10, 2012.
International Interdisciplinary Conference on Human Resource Development in South Asia: Issues, Achievements & Challenges.”	National	Government College, Ajmer		Dec.19-21, 13.
Ecological Perspectives of Rain Water harvesting & ground water Recharge".	National	Government College, Ajmer		Jan 3-4, 2014.
“International Conference/workshop of ILEC/ILBM earthware for plenty & Pure water with focus on Pushkar aquatic ecosystem”	International	Shri Pushkar Sarovar Samvardhani Samiti, Pushkar.		January 10-11, 2014.
“ XXXVIII All India Conference of the Indian Botanical Society “	National	Deptt of Botany, University of Rajasthan, Jaipur.	“ Common Herbal Remedies for Veterinary Diseases as Practised by Rural Population in Madar Region, Ajmer”	2015, October 26-28



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National Seminar on Natural vegetation, Environmental balance and Plantation	National	Faculty of Management PAHER University, Udaipur		2016, July 25
International Conference on Exploring context of tourism, culture and heritage in South Asia	Internati onal	Center of Tourism Development and Heritage DAV College, Ajmer	Role of flora and fauna in tourism development	27-28 September 2018
International Conference on Gandhi the eternal truth Relevance for future generations	Internati onal	SPC GCA		18-19/September 2019

1) Research Publications

Title of Paper	Name of Journal with ISSN No.	Volume and No. with Year	Citation Index	Impact Factor	Google Index
<i>Cordia crenata</i> Delile - A rare and endemic tree of Ajmer (India). -	- . Geobios	28 (1):67-68 2001. -			
Researches on <i>Isoetes</i> L. in India.	Advances in Pteridology Edited by Prof. P.C.Trivedi; ISBN No. 81-7132-300-6	2002			
Reproductive biology of some selected species of <i>Marsilea</i> L -	- . Indian bot. Soc.	82 : 40, 2003.			



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Agriculture based environmental restoration -	Oikoassay -	19 (1 & 2): 13-15, 2006 -			
Isoetes L. in Rajasthan	Research paper published in Perspectives in Pteridophytes Silver Jubilee Publication of Indian Fern Society ISBN 978-81-211-0702-0	335-345 2008			
“Effect of Quality of Light on Spore Germination and Gametophytic Development in <i>Cheilanthes albomarginata</i> Clarke”.	Indian Fern J. ISSN 0970-2741	Vol. 25: 2008			
On the distribution of <i>Cordia crenata</i> delile, hitherto considered to be rare and endemic Taxon. (pp 207-209),	Indian Journal of Forestry ISSN 0971-9431	Vol. 33 (2): 2010			
Ethno-Medico-Botany of Todgarh-Raoli Wildlife Sanctuary Rajasthan India. (pp 249-256)	Journal of Phytological Research. ISSN 0970-5767	25 (2): 2012.			
Ethno-medico-botanical studies on some Pteridophytes of Rajasthan (pp 42-48)	Indian Fern Journal. ISSN 0970-2741	31:(2014).			



Studies of water analysis of Government College Ajmer campus	International Journal of research in Pharmacy and life sciences.	2(2): 191-195, 2014			
Bacterial Biofilms In Patients With In dwelling Urinary Catheters (pp-241 - 250)	Journal of Pharmaceutical and biological research ISSN 2347 -8330	Dec.: 2015			
Phytochemical Analysis Of Methanolic Extract Of Murraya Koenigii Through HPLC Techniques (pp. 1-23)	International Journal Of Pharmaceutical Research And Bioscience ISSN 2277 - 8713	Vol 4(4) 2015			
The Ferns And Fern - Allies Of Todgarh Raoli Wildlife Sanctuary Rajasthan India (pp. 85-91)	Indian Fern Journal ISSN 0970 -2741	volume 32 (2015)			
Extraction and phytochemical evaluation of Amla for antimicrobial activity and antidiabetic activity in mice (pp: 33146-33163)	International Journal of Current Research ISSN: 0975-833X	volume 8 Issue 6 (June 2016)			
Spore Germination In Asplenium Pumilum Var. Hymenophylloides An endemic Fern Of Mt.Abu Rajasthan (pp. 32-39)	International Research Journal For Intellectual Science And Management ISSN 2320-656X	Vol. 10 (August 2016)			



Life Forms and Biological Spectrum of the Vegetation of Nasirabad Valley, Ajmer District, Rajasthan. Page no.107-109	International Journal of Science and Research(IJSR) ISSN(Online): 2319-7064	Volume 6, Issue 10, October 2017			
Check List of the Vascular Plants of Nasirabad Tehsil, Ajmer District (pp. 62265-62271)	International Journal of Current Research(IJCR) ISSN: 0975-833X	Volume 9, Issue 12, December 2017			
A Survey of Ayurvedic Medicinal Plants of Nasirabad Sub-Division, District Ajmer, Rajasthan. pp.3073-3077	International Journal of Current Research in Life Sciences. ISSN: 2319-9490	Volume 8, No. 04, April 2019,			
An Addition to the Flora of Rajasthan	Research paper accepted in Journal of Economic and Taxonomic Botany ISSN: 0250-9768				
Pteridophytic diversity of Todgarh-Raoli Wildlife Sanctuary, Rajasthan, India	Research Journal of Chemistry and Environment E-ISSN: 2278-4527 Print ISSN: 0972-0626	Vol. 24 (9) September (2020)			
Floristic Analysis Of Ferns And Fern-allies From Todgarh-raoli Wild-life Sanctuary Rajasthan, India	Journal Of Phytological Research ISSN: 0970-5767.	Research paper accepted March 2021			



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Medicinal plants of Ajmer district Rajasthan	Proceedings National Conference on Environmental Health Hazards 2009 organised by department of Zoology JDB Government PG College for Women, Kota December 17th and 18th, 2009				
Distribution of pteridophytic flora in Ajmer district, Rajasthan 82-86	Proceedings National Conference on Biodiversity Depletion Causes Consequences and Solutions organised by MLV Government College Bhilwara September 28th-29th, 2012				

1. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
Survey of rare and endangered pteridophytic flora of mount abu	2011	UGC	Utilized	Completed

2. Research Supervision:

- Basic Field of specialization:

- Plant physiology
- Pteridology



❖ Ph.D.

Name of Student	Title of thesis	Present status	Date and Year of Award, if so
P C Meena	Study Of Threatened Pteridophytic Species Occurring At Mount Abu, With Special Reference To <i>Asplenium pumilum</i> Var. <i>hymenophylloides</i> Lee (Clarke)	Completed-	14-nov-2014
Puspa Sharma	Ecological And Phytochemical Studies Of <i>Adiantum</i> L Species Occurring In Rajasthan	Perusing	-
Surbhi Agrawal	Floristic And Phytogeographical Studies Of Nasirabad Valley Of Ajmer	Perusing	-
Rahul Mourya	Phytodiversity And Ecological Studies Of Todghar Raoli Wild Life Sanctuary Ajmer	Perusing -	=
Kiran	Studies Of Churu District Rajasthan Vegetation With Special Reference To Tal Chhapar Wild Life Sanctuary	Perusing -	
Nisha Alaria	Phytochemical And Experimental Studies Of Some Selected Species Of Pteridiphytes	Perusing	
Meenakshi	Ecological Studies Of Pteridophytic Flora Of Ajmer Division Rajasthan	Perusing	
Shiv Raj Meena		Synopsis submitted	



❖ M. Phil.

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
Hemlata Yadav	An Ethno-medicinal Survey of Madar Region, Ajmer	Awarded	2007
Pooja Jain	An Analysis of the Vegetation of Ajmer	Awarded	2009

1. 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
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• **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
Researches on <i>Isotetes</i> L. in India.	Edited by Prof. P.C.Trivedi	Advances in Pteridology ISBN No. 81-7132-300-6	Pointer Publication Jaipur.	2002
Name of the Book	Co-Authors	Publisher with Place	Year of Publication	
Ethno-Medico-Botany of Central Rajasthan ISBN 978-93-84189-01-3	1	[Abhinav Prakashan, Ajmer]	2012-2013	



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Pteridophytes of Todgarh Raoli WildLife Sanctuary ISBN: 978-93-5337-15-6	1	[Shabd Sadhna]		
Science Class-9 (English) ISBN:978-93-87089-93-8	Convenor	Rajasthan State Textbook Board, Jaipur		2017
Science Class-9 (Hindi) ISBN:978-93-87089-01-3	Convenor	Rajasthan State Textbook Board, Jaipur		
A Text Book of Molecular Biology and Biotechnology (B.Sc. Part III)	Dr. Dilip Gena	Sakshi Publications , Jaipur	2002	
Genetics and Molecular Biology (B.Sc. Part III)	Dr. Dilip Gena	College Book House, Jaipur	2007	
Practical Botany (B.Sc. Part III)	Dr. Dilip Gena & Dr. Veena Sharma	College Book House, Jaipur	2007	
Cytology, Genetics and Biotechnology of Plants	Dr. Dilip Gena &	College Book	2018	



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	Dr. Veena Sharma	House, Jaipur		
Practical Botany (B.Sc. Part III)	Dr. Dilip Gena & Dr. Veena Sharma	College Book House, Jaipur	2018	

13 Sports Activities: Nil

14 Extra Curricular Activities: Nil

15. Any Other Relevant Information/Contributions: