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**RESIDENTIAL ADDRESS**

393, Inside Gate No. 6, Rajat Colony, Nainwa Road, Bundi (Rajasthan) - 323001

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**TEACHING EXPERIENCE**

Undergraduate and Postgraduate courses in Government College education services since February, 1991

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**EDUCATIONAL QUALIFICATIONS**

M.Sc., Ph.D.

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**DESIGNATION AND PLACE OF POSTING**

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Professor

Head Department of Botany

Government College, Bundi (Rajasthan) - 323001

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**RESEARCH FIELDS**

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Angiosperm Taxonomy, Ethnobotany, Ecology, Cryptogamic Botany and Phytochemistry

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**PUBLICATIONS**

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100 Research papers published in reputed National and International peer reviewed journals.

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**CONFRENCES / WORKSHOPS / SEMINARS**

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Participated and presented papers in several seminars, conferences and workshops.

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**RESEARCH PROJECTS**

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Two UGC-MRP projects completed

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**BOARD OF STUDIES**

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Member of Board of Studies in Botany

1. University of Kota, Kota

2. Jai Minesh Adivasi University, Kota

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## WORK AND TEACHING EXPERIENCE

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- Teaching UG and PG classes in Government Colleges since 16<sup>th</sup> February, 1991.
- Research Supervisor at University of Kota, Kota.
- Member of Board of Studies (BOS) in Botany at University of Kota, Kota and Jai Minesh Adivasi University, Kota.
- 33 Years teaching experience in different Government Colleges of Rajasthan.
- Participated and presented in several seminars, conferences, workshops etc.
- 100 Research papers published in reputed scientific peer-reviewed journals.
- Three candidate awarded Ph. D. degree under my supervision.
- Two UGC-MRP completed.
- Awarded 'Silver Jubilee Award 2016' by Academy of Plant Science India on 18 November 2016.
- Awarded 'Social Innovative ESW International Awards 2023' by Environment & Social Welfare Society Khajuraho, India on 29 January 2023.
- Life member of Indian Botanical Society.
- Convenor of National conference on "Recent trends in environmental sustainability and green practices" (15-16 November, 2019), organised by department of Botany, Government College Bundi (Rajasthan).
- Convenor, National webinar on "Sustainable utilisation of herbal resources: Conservation and challenges" (2 September, 2020) organised by Department of Botany, Government College, Bundi (Rajasthan).
- Co-patron, National webinar on "Prospects of teaching and learning processes in higher education: Post COVID 19 Scenario" (21 June, 2020) organized by Government College Bundi (Rajasthan).
- Program officer, Gyan Ganga Programme (Short Term Training Programme) dated 15-20 February, 2021, jointly organized by Commissionerate College Education Rajasthan, Jaipur and Department of Botany, Government College Bundi, (Rajasthan).
- Delivered 5 offline/ online/ lecture as Resource person in different conference/short term training programme/workshop/webinar.

- Evaluated six Ph. D. Thesis and conducted four Ph. D. viva voce as an external examiner.
- Honored FAPS (Fellow of Academy of Plant Sciences, India) by APSI, India at Shyama Prasad Mukherjee University, Ranchi, Jharkhand on 21 November, 2021.
- Author of 11 chapters in different books and published 4 books.

## 1. RESEARCH PAPER PUBLICATION

S.N.	Journal	Main Author/Co-author	Title	ISSN No.	Month/Year	Impact Factor
1	ZOO's Print Journal. Vol. 20 (4): 1836-1837	Main Author	Pteridophytic flora of Bundi district (South-East Rajasthan)	0971-6378 (Print)	2005	
2	Life Science Bulletin. Vol. 7 (2): 173-175	Main Author	Studies on Biological spectrum of Bundi (South-East Rajasthan) and its environs.	0973-5453 (Print) 2321-7952 (Online)	2010	3.1 (By NAAS)
3	Life Science Bulletin. Vol. 9 (1): 191-192	Co-author	Medicinal plants in Rameshwar of Bundi (Rajasthan).	0973-5453 (Print) 2321-7952 (Online)	2012	3.1 (By NAAS)
4	Life Science Bulletin. Vol. 10 (1): 55-56	Co-author	Rehabilitation of Bisalpur dam catchment area and their consequential effects on vegetation.	0973-5453 (Print) 2321-7952 (Online)	2013	3.1 (By NAAS)
5	Advances in Plant Sciences. Ad. Plant Sci.26(II): 415-416.	Co-author	Medicinal plants of Banganga of Bundi (Rajasthan) and their uses.	0970-3586	Dec 2013	2.72(By NAAS)
6	Advances in Plant Sciences. Ad. Plant Sci.26 (II): 473-474.	Main Author	Angiospermic associate species of Pteridophytes of Bundi (South-east Rajasthan): A Case study.	0970-3586	Dec 2013	2.72(By NAAS)
7	Advances in Plant Sciences. Ad. Plant Sci.27(I): 141-142.	Co-author	Ethno-medicinal plants used in the treatment of fever by tribes of Hindoli tehsil, Bundi district (Rajasthan).	0970-3586	June 2014	2.72(By NAAS)

8	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 27 (I): 131-132	Co-author	<i>Adansonia digitata</i> L.: Ancient sacred folklore of Balunda village (Tonk district) Rajasthan.	0970-3586	June 2014	2.72(By NAAS)
9	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 27(II): 433-434.	Main Author	Utilization and practices of <i>Diospyros melanoxylon</i> Roxb. in Hadoti plateau (South-east Rajasthan).	0970-3586	Dec 2014	2.72(By NAAS)
10	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 27 (II): 411-412.	Co-author	Plant remedies used in treatment of snake bites by tribals of Ramgarh Vishdhari wild life sanctuary Bundi district (Rajasthan).	0970-3586	Dec 2014	2.72(By NAAS)
11	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 27 (II): 559-560	Co-author	Fidelity of plant community of Nasirda (Tonk district) Rajasthan.	0970-3586	Dec 2014	2.72(By NAAS)
12	Asian Resonance.Vol. IV, ISSUE- I: 120-121.	Main Author	Plant species used as Bidi leaves in India: A Non-Timber Forest product.	0976-8602 (P) 2349-9443 (E)	2015	7.076 (By SJIF)
13	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 28 (I): 143-144	Co-author	Ethno-medicinal plants used in the treatment of diarrhoea and dysentery by tribes of Hindoli tehsil, Bundi district (Rajasthan).	0970-3586	June 2015	2.72(By NAAS)
14	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 28 (I): 147-148	Co-author	Plant used in mythological significance by ethnic people of Ramgarh Vishdhari wild life sanctuary of Bundi (Rajasthan).	0970-3586	June 2015	2.72(By NAAS)
15	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 28 (I): 145-146	Main Author	Angiospermic plant community of Rameshwar of Bundi (Rajasthan).	0970-3586	June 2015	2.72(By NAAS)

16	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 28 (II): 193-194	Co-author	Rare and threatened taxa of Ramgarh Vishdhari wild life sanctuary district Bundi (Rajasthan).	0970-3586	Dec 2015	2.72(By NAAS)
17	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 28 (II): 199-200.	Co-author	Traditional uses of plants for beauty care by ethnic people of Ramgarh Vishdhari wild life sanctuary, Bundi, Rajasthan.	0970-3586	Dec 2015	2.72 (by NAAS)
18	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 29 (II): 181-182	Main Author	Ethnomedicinal uses of Gentianales order practiced by ethnic people of Ramgarh Vishdhari wildlife sanctuary, Bundi (Rajasthan)	0970-3586	Dec 2016	2.72 (by NAAS)
19	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 29 (II): 183-184	Main Author	Climbers of class Polypetalae of Hindoli tehsil, Bundi district (Rajasthan)	0970-3586	Dec 2016	2.72 (by NAAS)
20	International Journal of Advance Research in Science & Engineering. <i>IJARSE Vol. No. 6, Issue No. 1</i>	Main Author	Minor Forest produces (Bidi wrapping and Gums) of Bundi district: A case study of present status	O: 2319-8354 P: 2319-8346	Jan 2017	
21	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 30(I): 21-21	Main Author	Traditional methods of collection and processing of 'tendu' leaves in Ramgarh Vishdhari wildlife sanctuary, Bundi (Rajasthan)	0970-3586	June 2017	2.90 (by NAAS)
22	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 30(I): 23-24	Main Author	Vegetation of Rameshwar Valley of Bundi district (Haroti plateau): A preliminary survey	0970-3586	June 2017	2.90 (by NAAS)
23	International Journal of Pure & Applied Biosciences. <i>Int. J. Pure App. Biosci.</i> 5 (5): 1252-1254	Main Author	Traditional practices of <i>Ziziphus</i> Mills in Haroti plateau, Rajasthan	2320-7051	Oct 2017	6.327 (by SJIF)
24	Advances in Plant Sciences. <i>Ad. Plant Sci.</i> 30 (II): 231-232	Main Author	Plants as food for wild animals in Ramgarh Vishdhari Wildlife sanctuary	0970-3586	Dec 2017	2.90 (by NAAS)

			Bundi(Rajasthan)			
25	Advances in Plant Sciences. <i>Ad. Plant Sci.30 (II): 233-234</i>	Main Author	Timber yielding plants of Bundi district, Rajasthan	0970-3586	Dec 2017	2.90 (by NAAS)
26	International Journal of Pharma and Biosciences. <i>Int. J. Pharma Bio Sci. 9(1): (B) 182-184</i>	Main Author	Aquatic plants of Jait Sagar lake, Bundi, South-East Rajasthan	0975-6299	Jan 2018	6.268 (by SJIF)
27	Advances in Plant Sciences. <i>Ad. Plant Sci. 31(I): 27-28</i>	Main Author	Bamboos of Haroti region (Rajasthan): Utilization and Practices	0970-3586	June 2018	2.90 (by NAAS)
28	Advances in Plant Sciences. <i>Ad. Plant Sci.31(I): 29-30</i>	Main Author	Plant species associated with Lord Shiva in Ramgarh Vishdhari Wildlife sanctuary, Bundi(Rajasthan)	0970-3586	June 2018	2.90 (by NAAS)
29	Shrinkhla Ek Shodhparak Vaicharik Patrika. <i>Shrinkhla Vol.5(10):28-30</i>	Main Author	Edible plants of Ramgarh Vishdhari Wildlife sanctuary, Bundi(Rajasthan) utilization by ethnic people	P: 2321-290X E: 2349-980X	June 2018	5.689 (by SJIF)
30	Remarking an Analisation Vol.3 Issue-5 (part1): 131-134	Co-author	Qualitative test of ethanolic extract of climber <i>Coccinia indica</i> for primary metabolites	P: 2394-0344 E: 2455-0817	August 2018	
31	Advances in Plant Sciences. <i>Ad. Plant Sci. 31(II): 121-122</i>	Main Author	Conservation of plant species diversity through sacred groves in Bundi district, Rajasthan	0970-3586	Dec 2018	2.90 (by NAAS)
32	Advances in Plant Sciences. <i>Ad. Plant Sci.31 (II): 135-136</i>	Main Author	Gum yielding plants of Haroti plateau (South-east Rajasthan)	0970-3586	Dec 2018	2.90 (by NAAS)
33	International Journal of Scientific Research and Review Vol.07(1): 147-152	Co-author	Qualitative test on ethanolic extract of <i>Coccinia indica</i> for profiling secondary metabolites	2279-543X	Jan 2019	
34	Accent Journal of Economics Ecology & Engineering Vol. 04 special issue 04, (ICIRSTM)	Main Author	Kaththa: Rural small-scale industry of India	2456-1037	April 2019	2.104
35	Remarking an Analisation Vol. 4 Issue-2 (part 1)29-32	Co-author	Qualitative analysis of ethanolic extract of <i>Cayratia trifolia</i> (medicinal climber) for primary metabolites	P: 2394-0344 E: 2455-0817	May 2019	
36	Advances in Plant Sciences. <i>Ad. Plant</i>	Main Author	<i>Enicostema axillare</i> (Lam.) Raynal a	0970-3586	June 2019	2.90 (by NAAS)

	<i>Sci.32(I): 45-46</i>		herbal wonder of Haroti plateau, South east Rajasthan			
37	Advances in Plant Sciences. <i>Ad. Plant Sci.32(I): 47-50</i>	Main Author	Analysis of vegetation of Government college Bundi(Rajasthan) campus:checklist of angiosperm taxa	0970-3586	June 2019	2.90 (by NAAS)
38	Advances in Plant Sciences. <i>Ad. Plant Sci.32(II): 169-170</i>	Main Author	IVI of herbs of Indergarh tehsil of Bundi district, Haroti plateau (Rajasthan)	0970-3586	Dec 2019	2.90 (by NAAS)
39	Advances in Plant Sciences. <i>Ad. Plant Sci.32(II):185-186</i>	Main Author	Vegetation of the moist banks in Hindoli tehsil, Bundi (Rajasthan): A case study	0970-3586	Dec 2019	2.90 (by NAAS)
40	Advances in Plant Sciences. <i>Ad. Plant Sci. 33(I-II): 29-30</i>	Main Author	Dried edible products of Rajasthan	0970-3586	June-Dec 2020	2.90 (by NAAS)
41	Advances in Plant Sciences. <i>Ad. Plant Sci. 33 (I-II): 37-38</i>	Main Author	<i>Corchorus</i> L. in Haroti Plateau, South-east Rajasthan	0970-3586	June-Dec 2020	2.90 (by NAAS)
42	Advances in Plant Sciences. <i>Ad. Plant Sci. 33 (I-II): 49-50</i>	Main Author	Aquatic plants of Indergarh tehsil of Bundi district, Rajasthan	0970-3586	June-Dec 2020	2.90 (by NAAS)
43	Advances in Plant Sciences. <i>Ad. Plant Sci. 33 (I-II): 55-56</i>	Main Author	An assessment of <i>Prosopis juliflora</i> (Swartz) DC. on surrounding environment of Ramgarh Vishdhari wild life sanctuary, Bundi, South-east Rajasthan	0970-3586	June-Dec 2020	2.90 (by NAAS)
44	International Journal of Research and Analytical Reviews. <i>IJRAR. Vol. 7, Issue 4, 39-44.</i>	Co-Author	<i>Cayratia trifolia</i> (L.) Domin: A qualitative analysis for secondary metabolites of medicinal properties	E-ISSN 2348-1269, P-ISSN 2349-5138.	Dec 2020	5.75
45	International Journal of Research and Analytical Reviews. <i>IJRAR. Vol. 7, Issue 4, 60-62.</i>	Main Author	Ecology and distribution of <i>Adiantum</i> L. in Ramgarh Vishdhari wild life sanctuary, Bundi district, Rajasthan	E-ISSN 2348-1269, P-ISSN 2349-5138.	Dec 2020	5.75
46	International Journal of Research and Analytical Reviews. <i>IJRAR.</i>	Main Author	Medicinal plant lore of the ethnic societies of Hindoli tehsil, district Bundi, Rajasthan	E-ISSN 2348-1269, P-ISSN	Dec 2020	5.75

	<i>Vol. 7, Issue 4, 63-67.</i>			2349-5138.		
47	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 10, Issue 8, 11878-11881.</i>	Main Author	Ethnobotanical Studies on Some Dicotyledons Medicinal Plants of Nainwa Tehsil, Bundi (Rajasthan)	E-ISSN 2319-8753, P-ISSN 2347-6710.	August 2021	7.569
48	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 10, Issue 9, 13201-13204.</i>	Main Author	Common Medicinal Trees of Bundi District, South-east Rajasthan: A Preliminary Survey	E-ISSN 2319-8753, P-ISSN 2347-6710.	September 2021	7.569
49	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 10, Issue 10, 13956-13959.</i>	Main Author	Socio-Economic-Nutritional Value of Some Common Wild Fruit Trees of Haroti Region.	E-ISSN 2319-8753, P-ISSN 2347-6710.	October 2021	7.569
50	Indian Journal of Pure & Applied Biosciences. <i>Ind. J. Pure App. Biosci. Vol. 9, Issue 6: 13-16.</i>	Main Author	Botany, Utilization, Practices and Ecological Status of Salvadoraceae in Arid Zone of Rajasthan.	2582-2845	Nov.-Dec. 2021	4.74 (By NAAS)
51	Advances in Plant Sciences. <i>Ad. Plant Sci. 34 (I-II): 57-58</i>	Main Author	IVI of shrubs and trees of Indergarh tehsil of district Bundi, South-east Rajasthan	0970-3586	June-Dec 2021	2.90 (by NAAS)
52	Advances in Plant Sciences. <i>Ad. Plant Sci. 34 (I-II): 67-68</i>	Main Author	Saline Chenopods of Rajasthan	0970-3586	June-Dec 2021	2.90 (by NAAS)
53	Advances in Plant Science. <i>Ad. Plant Sci. 34 (I-II): 119-120.</i>	Main Author	Striga Lour. Root Parasite Angiosperm: A Case Study in Rajasthan State.	0970-3586	June-Dec 2021	2.90 (by NAAS)
54	Advances in Plant Science. <i>Ad. Plant Sci. 34 (I-II): 125-126.</i>	Main Author	Ethnomedicinal Uses of Some Monocot Herbs in Nainwa Tehsil, Bundi District, Rajasthan.	0970-3586	June-Dec 2021	2.90 (by NAAS)
55	International	Main	Dental Health Care	E-ISSN	January	7.569



	Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 11, Issue 1, 247-249.</i>	Author	Through Herbal Toothbrushes Sticks: A Case Study on Traditional Practices in Rajasthan.	2319-8753, P-ISSN 2347-6710.	2022	
56	International Journal for Modern Trends in Science and Technology. <i>IJMTST. Vol. 8, Issue 01: 349-351.</i>	Main Author	Traditional Practices of <i>Balanites aegyptiaca</i> (L.) Del. in Rajasthan.	ISSN: 2455-3778	January 2022	3.23
57	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 11, Issue 2:1175-1177.</i>	Main Author	Lithophytic Fern of Haroti Plateau, South-East Rajasthan.	E-ISSN 2319-8753, P-ISSN 2347-6710.	February 2022	7.569
58	International Journal for Modern Trends in Science and Technology. <i>IJMTST. Vol. 8, Issue 02: 113-115.</i>	Main Author	Vegetation and Characteristics of Different Physical Regions of Ramgarh Vishdhary Wildlife Sanctuary, Rajasthan.	ISSN: 2455-3778	February 2022	3.23
59	International Journal of Research and Analytical Reviews. <i>IJRAR. Vol. 9, Issue 01. 528-531.</i>	Main Author	Soil of Different Habitats in Ramgarh Vishdhari Wildlife Sanctuary, Bundi, Rajasthan: A Case Study.	E-ISSN 2348-1269, P-ISSN 2349-5138.	February 2022	7.17
60	World Journal of Pharmaceutical and Life Sciences. <i>WJPLS. Vol. 8, Issue 4. 91-93.</i>	Main Author	Ethno-medicinal Plant Lore Around Bisalpur Dam Area, Tonk District, Rajasthan.	ISSN: 2454-2229	April 2022	6.129
61	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 11, Issue 4. 3819-3822.</i>	Main Author	Drainage System of Ramgarh Vishdhari Wildlife Sanctuary, Rajasthan, India	E-ISSN 2319-8753, P-ISSN 2347-6710.	April 2022	8.118
62	International Journal of Research	Main Author	Weed-Seed Identification: A Useful Tool for Seed	E-ISSN 2348-	May 2022	7.17

	and Analytical Reviews. <i>IJRAR</i> . Vol. 9, Issue 02. 383-385.		Biology	1269, P-ISSN 2349-5138.		
63	Journal of Emerging Technologies and Innovative Research <i>JETIR</i> . Vol. 9, Issue 05. 1760-1763.	Main Author	Wild Cucurbits of South-East Rajasthan: A Preliminary Survey	ISSN: 2349-5162.	May 2022	7.95
64	International Journal of Innovative Research in Science, Engineering and Technology <i>IJRSET</i> . Vol. 11, Issue 05. 6098-6100.	Main Author	Common Weeds of Kharif Crops of Bundi District, Rajasthan, India	E-ISSN 2319-8753, P-ISSN 2347-6710.	May 2022	8.118
65	World Journal of Pharmaceutical and Life Sciences. <i>WJPLS</i> . Vol. 8, Issue 6. 170-172.	Main Author	Common Climbers of Haroti region, South-east Rajasthan	ISSN: 2454-2229	June 2022	6.129
66	International Journal of Innovative Research in Science, Engineering and Technology <i>IJRSET</i> . Vol. 11, Issue 07. 9622-9623.	Main Author	Common Weeds of Rabi Crops of Bundi District, Rajasthan, India	E-ISSN 2319-8753, P-ISSN 2347-6710.	July 2022	8.118
67	Journal of Emerging Technologies and Innovative Research <i>JETIR</i> . Vol. 9, Issue 07.b 652-b 657.	Co-Author	Mythological Beliefs ( <i>Desi Totke</i> ): Healing by Plants by Local Communities of Jhalawar District, Rajasthan (India)	ISSN: 2349-5162.	July 2022	7.95
68	International Journal of Research and Analytical Reviews. <i>IJRAR</i> . Vol. 9, Issue 03. 992-995.	Main Author	<i>Heliotropium</i> L. in Haroti Plateau, South-East Rajasthan	E-ISSN 2348-1269, P-ISSN 2349-5138.	July 2022	7.17
69	Journal of Emerging	Main Author	<i>Grewia flavescens</i> Juss. and its Associated Plant	ISSN:	August 2022	7.95

	Technologies and Innovative Research <i>JETIR</i> . Vol. 9, Issue 08. c1-c4.		Species: A Case Study in Ramgarh Vishdhari Wildlife Sanctuary, Rajasthan	2349-5162.		
70	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET</i> . Vol. 11, Issue 08. 11169-11171.	Main Author	Attractive Wild Plants of Mukundra Hills Range of Rajasthan: A Case Study of Three Medium Sized Trees	E-ISSN 2319-8753, P-ISSN 2347-6710.	August 2022	8.118
71	International Journal for science and advance research in technology. <i>IJSART</i> . Vol. 8, Issue 9. 91-96.	Co-Author	Qualitative analysis of primary and secondary metabolites in <i>Euphorbia hirta</i> L.	E-2395-1052	September 2022	6.224
72	Journal of Emerging Technologies and Innovative Research <i>JETIR</i> . Vol. 9, Issue 10. a 669-a 671.	Main Author	Issues and impact of anthropogenic interference s on forest ecosystem imbalance: A case study in Bundi district, Rajasthan	ISSN: 2349-5162	October 2022	7.95
73	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET</i> . Vol. 11, Issue 10.	Main Author	Parasitic plants of Haroti region, South-east Rajasthan, India	E-ISSN 2319-8753, P-ISSN 2347-6710.	October 2022	8.118
74	International Journal of Research and Analytical Reviews. <i>IJRAR</i> . Vol. 9, Issue 04. 806-811.	Co-Author	Quantitative analysis of primary and secondary metabolites in fruits of <i>Balanites aegyptiaca</i> (L.) Dale	E-ISSN 2348-1269, P-ISSN 2349-5138.	October 2022	7.17
75	International Journal of global science research. <i>IJGSR</i> . Int. J. Glob. Sci. Res. Vol. 9, Issue 02. 1862-1865.	Main Author	<i>Crotalaria</i> L. in Haroti region, South-east Rajasthan	E-ISSN: 2348-8344	October 2022	2.312
76	World Journal of	Main	Herbal therapy for	ISSN:	Novem	6.129

	Pharmaceutical and Life Sciences. <i>WJPLS. Vol. 8, Issue 11. 172-174.</i>	Author	stomach disorder practiced by the local people of Indergarh tehsil of Bundi district, Rajasthan, India	2454-2229	ber 2022	
77	International Journal of Science and Research. <i>IJSR. Vol. 11, Issue 12, 678-680.</i>	Main Author	Invasive plant species of Rajasthan and their impact on natural habitat	ISSN: 2319-7064	Dec. 2022	7.942
78	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 11, Issue 12. 14478-14480.</i>	Main Author	Phenology (Lifespan) of Crop Weeds of Haroti Region, South-East Rajasthan	E-ISSN 2319-8753, P-ISSN 2347-6710.	Dec. 2022	8.118
79	Journal of Emerging Technologies and Innovative Research <i>JETIR. Vol. 10, Issue 1.e 16-e19.</i>	Main Author	Quantitative analysis of community structure of Herbs of Hindoli tehsil of Bundi district, Rajasthan	ISSN: 2349-5162	January 2023	7.95
80	International Journal of Science and Research. <i>IJSR. Vol. 12, Issue 2, 367-368.</i>	Main Author	<i>Schoenoplectiella</i> Lye in Haroti region, South-east Rajasthan	ISSN: 2319-7064	February 2023	7.942
81	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 12, Issue 03. 2261-2265.</i>	Main Author	Common Grasses of Bundi District, A part of South-East Rajasthan	E-ISSN 2319-8753, P-ISSN 2347-6710.	March 2023	8.423
82	International Journal of Science and Research. <i>IJSR. Vol. 12, Issue 3, 1111-1113.</i>	Main Author	Medicinal Plants of Government College Bundi (Rajasthan) Campus: Documentation	ISSN: 2319-7064	March 2023	7.942
83	International Journal of Research and Analytical Reviews. <i>IJRAR. Vol. 10, Issue 02. 148-152.</i>	Main Author	Ethnomedical Plants of Deoli Tehsil of Tonk District, Rajasthan	E-ISSN 2348-1269, P-ISSN 2349-5138.	April 2023	7.17

84	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 12, Issue 04. 3329-3332.</i>	Main Author	Flora of Series Microspermae in Haroti Region, South-East Rajasthan	E-ISSN 2319-8753, P-ISSN 2347-6710.	April 2023	8.423
85	Journal of Emerging Technologies and Innovative Research <i>JETIR. Vol. 10, Issue 4.d 282-d 285.</i>	Main Author	Spices, Condiments and Other Flavouring Materials Used as Immunity Booster in Haroti Region	ISSN: 2349-5162	April 2023	7.95
86	International Journal of global science research. <i>IJGSR. Int. J. Glob. Sci. Res. Vol. 10, Issue 01. 2001-2003.</i>	Main Author	Exotic Versus Native Plant Species: A Case Study in Ramgarh Vishdhari Wildlife Sanctuary, Bundi, Rajasthan	E-ISSN: 2348-8344	April 2023	2.312
87	Journal of Emerging Technologies and Innovative Research <i>JETIR. Vol. 10, Issue 6.f 176-f 179.</i>	Main Author	Common Weed of Open Dry Wastelands of Bundi, A Part of South-East Rajasthan	ISSN: 2349-5162	June 2023	7.95
88	International Journal of Science and Research. <i>IJSR. Vol. 12, Issue6, 1715-1716.</i>	Main Author	Present Status of Series Apocarpae in Haroti Region, South-East Rajasthan	ISSN: 2319-7064	June 2023	7.942
89	International Journal of Research and Analytical Reviews. <i>IJRAR. Vol.10, Issue 02. 529-531.</i>	Main Author	<i>Sesbania</i> Adans. in Haroti Region, Rajasthan	E-ISSN 2348-1269, P-ISSN 2349-5138.	June 2023	7.17
90	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 12, Issue 07. 9952-</i>	Main Author	Angiosperm Plant Community of Jharbala Pura of Bundi district, Rajasthan: A Case Study	E-ISSN 2319-8753, P-ISSN 2347-6710.	July 2023	8.423

	9954.					
91	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 12, Issue 09. 12012-12015.</i>	Main Author	Monocotyledons Diversity in the Wetlands of Ramgarh Vishdhari Wildlife Sanctuary of Bundi District, South-East Rajasthan	E-ISSN 2319-8753, P-ISSN 2347-6710.	September 2023	8.423
92	The Journal of Plant Science Research. <i>Jour Pl Sci Res. 39 (2): 123-131.</i>	Main Author	Comparative Floristic Analysis of Angiosperms of Bundi District: A Part of Haroti Plateau (Rajasthan)	ISSN 0970-2539 e-ISSN: 0976-3880.	May-August 2023	UGC
93	International Journal of Science and Research. <i>IJSR. Volume 12, Issue 12, 381-383.</i>	Main Author	IVI of Trees of Hindoli Tehsil (District Bundi) Rajasthan	ISSN: 2319-7064.	December 2023	7.942
94	International Journal of Multidisciplinary Research. <i>IJMRSET. Vol. 6, Issue 12. 3619-3622.</i>	Main Author	Trees and Shrubs of Verbenaceae of Haroti Region, Rajasthan	ISSN: 2582-7219.	December 2023	7.54
95	International Journal of Innovative Research in Science, Engineering and Technology <i>IJIRSET. Vol. 13, Issue 01. 190-193.</i>	Main Author	Forest Vegetation Distribution of Elevational Zone in Ramgarh Vishdhari Wildlife Sanctuary, Rajasthan	E-ISSN 2319-8753, P-ISSN 2347-6710.	January 2024	8.423
96	Journal of Emerging Technologies and Innovative Research <i>JETIR. Vol. 11, Issue 01. e 699 – e 702.</i>	Main Author	Rubiaceae of South-East Rajasthan: Enumeration of Arboreal Flora	ISSN: 2349-5162	January 2024	7.95
97	International Journal for Multidisciplinary Research <i>IJFMR. Volume 6, Issue 1. 1-7.</i>	Main Author	Edible Potential of Forest Trees Produces of South-East Rajasthan	ISSN: 2582-2160	January - February 2024	9.24
98	The Journal of Plant Science Research. <i>Jour Pl</i>	Main Author	Flora of Series Infracae of Deoli, Tonk District (Rajasthan)	ISSN 0970-	September-December	UGC

	<i>Sci Res. 39 (3): 63-67.</i>			2539 e-ISSN: 0976- 3880.	ber 2023	
99	International Journal of Science and Research. <i>IJSR. Volume 13, Issue 02, 1525-1527.</i>	Main Author	Family Pontederaceae - Overview, Botany and Ecological Consequences: A Case study in Haroti Region of Rajasthan	ISSN: 2319-7064.	February 2024	7.942
100	International Journal of Education, Modern Management, Applied Science & Social Science. <i>IJEMMASSS. Volume 06, No. 01 (II), 65-69.</i>	Co-Author	Ecotourism Potentiality of Badbela Pond Wetland Complex of Jhalawar in Rajasthan: A Field Survey	ISSN: 2581-9925.	January - March 2024	6.882

## 2. Research Projects

Title	Agency	Period
Ecological and Ethnobotanical studies of flora of Bundi district, South-East Rajasthan	UGC-Minor Research Project	2007-2009 (Completed)
Assessment of floristic diversity and phytosociological studies of Bundi and adjoining region (Rajasthan).	UGC- Minor Research Project	2011-2013 (Completed)

## 3. Patent Publication

Patent has been published on 24 -11-2023.

S. No.	Title and Type of Patent	Patenting Agency & Patent Registration No.	International/ National	Period
1	Title: A Method of production of hydrogen gas from <i>Prosopis juliflora</i> plant using dilute nitric acid. Type: Utility Patent (India).	Agency: Indian Patent Filed by IPQUAD Registration No. 202311068634 A	National	2023-24

## 4. Seminar/Conference/Symposium/Workshop:

National/International	Place	Date	Theme	Title
National conference	University of Ajmer	29-30 January, 1992	Teaching and Research in Botany: Problem and perspective	Participated

National Workshops	Commission of Scientific and Technical Terminology (M.D.S. University, Ajmer)	23-24 August, 2005	Environment Science Dictionary: In present Scenario	Participated
State Seminar	Seth G. B. Poddar College, Nawalgarh	6-7 January, 2007	Recent Trends in Biotechnology in crop improvement & its Indian perspective	1.Genetic Enginnering: Ethical consideration. 2.Golden Rice
National seminar	Seth Moti Lal PG College, Jhunjhunu	18-19 October, 2008	Conservation and utilization of natural resources & their role in sustainable development	Floristic studies of Angiospermic plants of Bundi district: A preliminary survey
National seminar	Govt. College Kota	11-12 December, 2009	Biotechnology: A tool for biodiversity conservation	<i>Arabidopsis thaliana</i> the <i>Drosophila</i> of the plant kingdom: Genomics
National conference	Govt. College Bundi	7-8 December, 2011	Ajadai ke bad Aadivasi ne kya hasil kiya?	Paryaran ko bachane ke liye sangharshrat Aadivasi
National conference	Modi Institute of Management and Technology, Kota	2-4 February, 2013	Sustainable utilization of plants for millennium development	Angiosperm-pteridophyte association in Bundi district
National conference	IIS University, Jaipur	27-28 September, 2013	Biodiversity conservation: Embracing our future, preserving our past	Traditional and economic uses of <i>Diospyros melanoxylon</i> Roxb.
National conference	IIS University, Jaipur	29-30 October, 2014	Biodiversity: Harmonizing Conservation with life and landscape of arid and semi-arid areas.	Plant species serving as food for wild animals in Ramgarh Vishdhari wild life sanctuary, Bundi district
National seminar	Indian Science Congress Association and University of Rajasthan, Jaipur	30 Sept-2 October, 2015	Advances in natural science for indigenous development in India	Plant species used for forage and fodder by folk of Ramgarh Vishdhari wild life sanctuary, Bundi district
National conference	Indian Botanical Society and University of Rajasthan,	26-28 October, 2015	Emerging trends in plant sciences	Study of plant association at Ramgarh of Bundi, south-east



	Jaipur			Rajasthan
National seminar	MP Govt. PG College, Chittorgarh Rajasthan	27-28 September, 2016	Biodiversity conservation and Eco-tourism	Endangered plant species of Bundi district, SE Rajasthan
National conference	Mahila PG Mahavidyalaya Jodhpur, Rajasthan	18-19 November, 2016	Emerging trends in biotechnology for agriculture, medicine and environment	Status of non-timber forest products in Bundi district, Rajasthan
National Symposium	Dept of Botany, University of Rajasthan, Jaipur	21 January, 2017	Global environmental challenges: Present scenario	Vegetational analysis of Bundi district (Haroti plateau)
International conference	Modi Institute of Management and Technology, Kota	22-23 January, 2017	Innovative research in Science, Technology and Management	Minor Forest produces (Bidi wrapping and Gums) of Bundi district: A case study of present status
National seminar	Shri Ratan Lal Kanwar Lal Patani Govt. P.G. college Kishangarh(Ajmer) Rajasthan	15 September, 2017	Biodiversity, Human rights and Sustainable development	Sustainable development through soil reclamation
National conference	Kanoria P.G. college Jaipur	15-16 December, 2017	Innovative approaches in Bio Sciences	Study and qualitative analysis of climbers existing in and around MezRiver catchment area
International Conference	St. Wilfred's college Jaipur	15,16,17 January, 2018	Environmental changes and their impact on plants and human health	Natural food resources in forest of Bundi(Haroti plateau)
National conference	Govt. Girls College Sirohi	22-23 January, 2018	Recent trends in Science and Social sciences in sustainable development	Genetically modified Rice-Enriched diet of $\beta$ -carotene
International Conference	IAARHIES and RR Govt. College, Alwar	9-10 March, 2018	ICISTIDEC	Plant community at Bhimlat of Bundi, South-East Rajasthan
Regional seminar	Govt. College Kota Rajasthan	26 September 2018	Interrelationship of knowledge and language	Participated
Regional workshop	Govt. College Bundi Rajasthan	29 September 2018	Rajasthan me uchh shiksha shikshan me gunatmak abhivardhi: apkeshaye, prayas avam vachanbadhata	Participated in Group discussion
College workshop	Govt. College Bundi Rajasthan	4 February 2019	Bharat me krashi shketra ki chunotiya	Challenges through

				Biotechnology
International conference	Vedanta college of engineering & technology, Bundi, Rajasthan	16-17 February, 2019	Recent trends in engineering science and management	Qualitative test on ethanolic extract of <i>Coccinia indica</i> for profiling secondary metabolites
International Conference	Modi institute of management & technology, Kota, Rajasthan	20-21 April, 2019	Innovative research in science, technology and management	Kaththa: Rural small-scale industry of India
Regional Seminar	Government Girls College Bundi, Rajasthan	4 September 2019	E-education: opportunities and challenges	Participated
International Conference	Government Science College, Sikar, Rajasthan (India)	4-5 October, 2019	Emerging challenges, their solutions and recent advances in science	Hazardous effect of <i>Prosopis juliflora</i> (Swartz.) DC in Ramgarh Vishdhari Wild life sanctuary, Bundi district: A case study
National Conference	Government College Bundi, Rajasthan	15-16 November, 2019	Recent trends in environmental sustainability and green practices	Assessment of forest vegetation of Bundi district, south-east Rajasthan
National Seminar	Lal Bahadur Shastri Government College Kotputali (Jaipur) Rajasthan	13-14 December, 2019	Environment: Problems, solutions & prospects	Phytochemical study of <i>Ehretia laevis</i> Roxb. plant
National Web Conference	Department of Environ. Science, AKS University, Satna (M. P.)	13-14 August, 2020	Plastic and E-Waste management: A challenge to clean environment	Participated
National Web Conference	Department of Environ. Science, AKS University, Satna (M. P.)	18-19 August, 2020	Challenges and opportunities in life science for self-sustaining life security	Participated
International E-Conference	Department of Zoology, J. D. B. Government Girls College, Kota	19-20 November, 2020	Management of forest and wild life under changing climate scenario	Presented on 'Medicinal plant lore of the ethnic societies of Hindoli tehsil, district Bundi, Rajasthan'

National E-Seminar	Department of Botany, Government College Kota	21 November, 2020	IPR	Participated
International E-Conference	Department of Botany, Government College Kota	24 November, 2020	Strategies for Environment and Biodiversity conservation	Participated
International E-Conference	Department of Botany, J. D. B. Government Girls College, Kota	25-26 November, 2020	Current research in Biodiversity, Environment and Plant resources	Presented on 'General practices and utilisation of some aquatic taxa in south-east Rajasthan'
National Conference	IIS University, Jaipur	9-10 November, 2022	Recent trends in plant sciences	Indigenous plants of Bundi district: Importance and present status.
International Conference	Seth Ranglal Kothari Govt. P. G. College, Rajsamand, Rajasthan	16-17 December 2022	Environment, sustainable development and human health	Herbal medicine: Traditional health care system
International Conference	Environment & Social Welfare Society Khajuraho, India	29-31 January, 2023	Strategies for promotion and conservation of environment and native species to protect and restore the Nature	Exotic versus native plant species: A case study in Ramgarh Vishdhari wildlife sanctuary, Bundi, Rajasthan
International Conference	Smt. N. M. Padalia Pharmacy College, Ahmedabad, India	23-25 December 2023	Drug discovery and development in Agrobiotechnology and pharmaceutical sciences.	Drug potential of ethnobotany: A review

## 5. RESEARCH GUIDANCE

Title	Name of Candidate	Ongoing/Completed	Date of Award of Ph. D
Floristic and Ethnobotanical studies of Ramgarh Vishdhari Wildlife	Dr. Kapil Nawar	Completed	December 2015

sanctuary of Bundi (Rajasthan).			
Comparative phytochemical analysis of some climbers in and around Mej river.	Dr. Rajendra Prasad	Completed	November 2020
Ethnomedicinal observation and phytochemistry of some important medicinal plants of selected areas of Jhalawar district (Rajasthan).	Dr. Balchand Baswal	Completed	May 2023

## 6. Book/Book chapter published

Year	Title with Page Nos.	ISBN No.
2014	Book- Aadiwasi Vimarsh ( <b>Title of paper-</b> Vanya Padpo ke Sanrakshan me Aadiwasiyo ka Yogdan) pp. 138-141.  Published by Rajasthan Hindi Granth Akadmi	978-81-7137-959-0
2020	Book- Dimensions of Human-Environment Relationship ( <b>Title of paper-</b> Traditional Health Care Practices of Tribal People in Ramgarh Vishdhari Wildlife Sanctuary, Rajasthan: An Eco-Friendly Approach) pp: 14-26.	978-93-88997-17-1
2021	Book- Vashvik Chintan ke Nutan Aayam ( <b>Title of paper-</b> Paryavaran Avam Jiv-Jantu Sambandh) pp: 1-10.	978-81-953150-0-0
2021	Book- Natural Resources: Exploration, Exploitation & Expectation ( <b>Title of paper-</b> Common Halophytes of the Thar Desert: Significance and Characteristics) pp: 36-47.	978-81-953150-5-5
2021	Book- Environment and Sustainability ( <b>Title of paper-</b> The Rio Summit: A Remarkable Global Effort for Sustainable Development) pp: 42-52.	978-81-953150-9-3
2021	Book- Aadhunik Gatyatmak Chintan ke Vividh Paksh ( <b>Title of paper-</b> Stockholm Conference 1972: The First United Nations Conference on Human Environment) pp: 29-36.	978-93-90778-38-6
2021	Book- Plant Physiology, Development and Adoptions ( <b>Title of paper-</b> Impact and Assessment of Biotic Factors on Surrounding Environment of Ramgarh Vishdhari wild Life Sanctuary: A Case Study) pp: 215-228.	978-93-91568-01-6
2021	Book- Environmental Stress and Human Health ( <b>Title of paper-</b> Salient Efforts of United Nations for Environmental Protection: Highlights of Some Former Programme) pp: 26-33.	978-81-949980-1-3
2021	Book- Environmental Stress and Human Health ( <b>Title of paper-</b> Global Dimensions: Organisations and Protocol (UNESCO, SACEP, EPA and MONTREAL PROTOCOL) pp: 48-55.	978-81-949980-1-3

2022	Book-New Horizons in Life Science ( <b>Title of paper</b> -Factors Affecting Soil Movement, Land Surface Conditions and Management Regarding Wind Erosion) pp: 21-26.	978-93-92953-00-2
2022	Book- Abhinav Samyik Vimarsh ( <b>Title of paper</b> - Emphasises of Some Earlier Environmental Programme and Institutions) pp: 01-10.	978-93-91777-64-7
2022	<b>BOOK</b> - A Hand Book of Floristic Diversity of Angiosperms Vol – I: Dicotyledons (A-C). Agrobios Publishers, Jodhpur	978-93-94380-10-3
2022	<b>BOOK</b> -A Hand Book of Floristic Diversity of Angiosperms Vol –II: Dicotyledons (D-Z). Agrobios Publishers, Jodhpur	978-93-94380-15-8
2022	<b>BOOK</b> - Floristic Diversity of Monocotyledons. Agrobios Publishers, Jodhpur.	978-93-94380-16-5
2024	<b>BOOK</b> -Floristic Diversity of Wild and Ornamental Trees. Agrobios Publishers, Jodhpur.	978-93-94380-87-5