



Janki Devi Bajaj Government Girls College Kota

FACULTY PROFILE

- 1 Name: **DR. SHUCHITA JAIN**
- 2 Designation: **ASSOCIATE PROFESSOR**
- 3 Department: **BOTANY**
- 4 Educational Qualification:



Level	Name of University/Board	Year	Title/ Remark/ Medal
P.G. (M.Sc.)	Marathwada University, Aurangabad (Maharashtra)	1986	Stood 1 st in Merit
M.Phil.	-	-	-
Ph.D.	Marishi Dayanand Saraswati University, Ajmer (Rajasthan)	2003	
Other			

1. Experience: Teaching / Research

UG	34 Yrs	PG	17 Yrs	Research	16 Yrs
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Membership (Academic Bodies):

1. Life Member of International Science

Congress Association

2. Life Member of Rajasthan Science

Congress Association

3. Life Member of Academy of Plant

Science, Mujjafar Nagar (UP)

4. M.O.O.C (Developed by Faculty): **NIL**

5. Awards Received: **APSI Award (Gold Medal) for Outstanding Contribution in Taxonomy & Ethnomedico Botany.**

6. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	J.N.V. University, Jodhpur	UGC	04.03.1999 to 31/03/1999 28 Days



Janki Devi Bajaj Government Girls College Kota

Refresher	J.N.V.University, Jodhpur	UGC	09/09/1996 to 28/09/1996 21 Days
	M.D.S. University. Ajmer	UGC	02/12/2002 to 22/12/2002 21 Days
	M.D.S. University. Ajmer	UGC	30/09/2004 to 20/10/2004 21 Days

Sr. No.	Other (Workshop/ Summer School/ Camp etc.)			
1	Workshop on “Herbarium Techniques”	New Delhi	NISCAIR, New Delhi	5 Days
2	Workshop on Patent Awareness	Kota	Modi Institute of Management and Technology sponsored by TIFAC, DST and GOI	1 Day
3	Electronic Herberium & Digital Database Preparation	Mumbai	Institute of Science, Mumbai	2 Days
4	Entrepreneurship Training	Jaipur	EMI, Jaipur	10 Days
5	Paryavaran Vigyan Shabdawali	Ajmer	MDS, Ajmer	2 Days
6	Research Methdology	Kota	JDB Girls College	4 Days
7	Intellectual Property Rights	Kota	University of Kota	1 Day
8	Environmental Issues ans Social Concern	Kota	University of Kota	2 Days
9	Maintenance of Opto-Analytical Instruments	Kota	WRIC, Mumbai	4 Days
10	Entrepreneurship Workshop on Biodiversity Conservation	Kota	DST organized at J.D.B. girls College, Kota	3 Days

Online F.D.P (Faculty Development Programme) attended	<ol style="list-style-type: none"> 1. Training on Good Governance from HCM Regional Centre Kota 2. RSCIT Certificatioin organised by RKCL from VMOU, Kota 3. Successfully completed DTS (Direct Trainer Skills) training organized at HCM- RIPA, Jaipur sponsored by Department of personnel and Training, Govt. of India, 01-08-2011 to 05-08-2011 4. Successfully completed DoT (Design of Training) organized at HCM- RIPA, Jaipur and sponsored by Department of Personnel and Training, Govt. of India, 10-09-2012 to 14-09-2012
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Janki Devi Bajaj Government Girls College Kota

7. Seminar/ Conference attended:

Sr. No.	Particulars	International/ National/ Regional	Paper Presented	Topic/Paper	Dates
1	National Conference on Degradation of Environment at MLV Government College, Bhilwara.	National		Strategies for Planning and Managing the Environmental Technology for Wasteless Society.	29.08.2000 to 31.08.2000
2	Indian Science Congress-2001 at IARI, Pusa, New Delhi.	National		Studies On Floristic Diversity in Some Protected Areas of Haroti Region of Rajasthan.	03.01.2001 to 04.01.2001
3	National Symposium on Environment at BARC, Mumbai.	National		Impact of Thermal Power Generation Units on Floristic Diversity of Kota and Its Environs.	04.06.2001 to 06.06.2001
4	Bhartiya Vigyan Sammelan at Rani Durgawati Vishvavidhyalaya, Jabalpur	National		Haroti Mein Jaiva Sampada Sarankshan Mein Lok Vidhoan Ki Bhumika.	01.11.2001 to 03.11.2001
5	National Seminar on Chemical aspects of challenges for Environment in the New Millennium at Govt. College, Kota.	National		Hazardous Chemicals to Health and Environment.	15.12.2001 to 16.12.2001
6	Second International Conference on Plants and Environmental Pollution Conference at NBRI, Lucknow.	International		Restoring Floristic Diversity for Ecologically Sustainable Development.	04.02.2002 to 09.02.2002
7	National Conference on Biodiversity: Taxonomy and Conservation at Majalgaon, Beed (Maharashtra).	National		Ethno-Botanical Studies in Shergarh Sanctuary of Kota Region in Rajasthan.	27.07.2002 to 28.07.2002
8	National Conference on Biodiversity: Taxonomy and Conservation at Majalgaon, Beed (Maharashtra).	National		Importance Value Indices of Some Plants in Protected Areas of Haroti Region with Special Reference to Biodiversity Conservation.	27.07.2002 to 28.07.2002
9	National Seminar on Biodiversity and Sustainable use of Bio-resources at Department of Limnology, Barkatullah University, Bhopal.	National		Studies on Floristic Diversity for Sustainable use of Bio-resources in few Protected Areas of Kota region in Rajasthan.	10.10.2002 to 12.10.2002
10	National Symposium UGC at Degloor (Maharashtra).	National		Medicinal Plants and their Ecological Importance with Special Reference to Floristic Diversity Conservation in Rajasthan.	11.10.2002 to 12.10.2002
11	State Level Seminar on Current Plant Innovative Researches at Marathwada University, Aurangabad.	National		Impact of Climate Change on Floristic Diversity in Protected Areas of Haroti Region in Rajasthan: A Case Study.	14.12.2002
12	ICPEP-3, International Seminar held at National Botanical Research Institute, Lucknow.	National		Medicoethnobotanical Importance of some weeds of Kota District in Rajasthan	28.11.2005 to 02.12.2005



Janki Devi Bajaj Government Girls College Kota

Sr. No.	Particulars	International/ National/ Regional	Paper Presented	Topic/Paper	Dates
13	ICPEP-3, International Seminar held at National Botanical Research Institute, Lucknow.	International		Biodiversity: A Scenic beauty of Ranthambhore National park in Rajasthan	28.11.2005 to 02.12.2005
14	National Conference on Environmental Pollution and its Control held at Enggineering College, Kota	National		Impact of Subsurface Drainage on Water Quality of Chambal River.	25.03.2006 to 26.03.2006
15	National Seminar on Recent Advances in the Field of Applied Chemistry.	National		Analytical Studies----- Rajsthan	02.12.2006 to 03.12.2006
16	Workshop on Patent Awareness held at Modi Institute of Management and Technology sponsored by TIFAC, DST and GOI.	National		Patent Awareness	14.09.2007
17	National Seminar on e-biogene scenario-2007' Held at Modi Institute of Management and Technology, Kota.	National		E-Biogene Scenario-2007	05.10.2007 to 06.10.2007
18	National Conference on Perspectives in Plant Science Researches and Present Scenario and 17th Academy of Plant Scientists Meet held at Institute of Science, Mumbai.	National		Studies on Phytodiversity of Mukandara National Park, Darrah (Rajasthan) with special reference to Medicinal Plant Species.	20.11.2008 to 21.11.2008
19	III International Ayurveda Congress, held at National Ayurveda Institute, Jaipur (Rajasthan).	International		Studies on Medicinal Plants of Paediatric Use in Mukandara National Park (Darrah) Rajasthan	16.12.2008 to 21.12.2008
20	XIII APSI Scientist Meet 2009 & National Conference on Plant Sciences: Diversity, Products and Environmental Planning held at Department of Botany, Marwari College, Ranchi(Jharkhand).	National		Ecological Status of Ranthambore National park----- Conservation	11.10.2009 to 12.10.2009
21	International Conference on Climate Change and sustainable Management of Natural Resources organized by Institute of Allied Sciences and computer applications, ITM UNIVERSE, GWALIOR	International		Studies on floristic diversity of Shergarh Sanctuary (Rajasthan) with special reference to Medicinal Flora	10.11.2009 to 12.11.2009
22	Participated in the Workshop on "Herbarium Techniques" conducted by NISCAIR, New Delhi	National		Herbarium Techniques	16.11.2009 To 21.11.2009
23	2nd Bhartiya Vigyan Sammelan and Expo 2009 held at Devi Ahilya Vishwavidhayalaya, Indore (M.P.)	National		Potential of plants-----pollution	01.12.2009 to 03.12.2009
24	National Conference on "Environmental Health Hazards-2009" organized by Department of Zoology, J.D.B. Government	National		"Effect of Sodium Azide----- performance of legumes"	17.12.2009 To 18.12.2009



Janki Devi Bajaj Government Girls College Kota

Sr. No.	Particulars	International/ National/ Regional	Paper Presented	Topic/Paper	Dates
	Girls P.G.College, Kota				
25	National Scientist Meet on "Scientific Development and our Responsibility" organized by Gyan Sagar Science Foundation, held at Bangalore, Karnataka	National		Jainism and Medicinal Plants	29.01.2010 to 31.01.2010
26	XVI International Conference held at Singapore organized by Heliconia Society International, Singapore	International		"Ecological Status of Zingiberaceae in the forest areas of Rajasthan (India) with special reference to ethnobotany"	15.07.2010 To 18.07.2010
27	Entrepreneurship Workshop on Biodiversity Conservation sponsored by DST organized at J.D.B. girls College, Kota	Regional		Biodiversity Conservation	01.10.2010 to 03.10.2010
28	National Seminar on "Various facets of Saman Suttam" organized by K.J.Somaiya centre for studies in Jainism, vidyavihar, Mumbai.	National		Biodiversity Concerns in Saman Suttam	18.11.2010 to 19.10.2010
29	National Scientist Meet on Scientific Development and our Responsibility at Mumbai	National		Ecological Concerns in Jainism	07.01.2012 to 08.01.2012
30	2nd International Science Congress, organized at Bon Maharaja Enginnering College, Mathura	International		Biodiversity conservation through "Sacred Groves" (SGs)- A case study of Hadoti Region	08.12.2012 to 09.12.2012
31	National Seminar and APSI Scientist Meet organized at Modi Institute of Management and Technology, Kota (Rajasthan)	National		Ecological studies on Kishore Sagar Pond with special reference to aquatic flora	02.02.2013 to 04.02.2013
32	National workshop held at M.L.S. University, Udaipur by Vaigyanik Shabdavali Aayog, DST, New Delhi	National		Scientific vocabulary and importance	30.03.2013 to 31.03.2013
33	1st Rajasthan Science Congress held at Tagore International Public School, Jaipur	Regional		Vaigyanik Drishtikon	11.05.2013 to 13.05.2013
34	4 th International Science Congress	International		Environmental impact on the production of Sorghum and pearl millet of Alwar District, India	2014
35	37 th All India Conference of Indian Botanical Society at V.G. Vaze College, Mumbai	National		Studies on Biodiversity with special reference to medicinal flora of Rangarh Sanctuary (S.E. Rajasthan)	2014



Janki Devi Bajaj Government Girls College Kota

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36	3 rd ISTD Northern Regional Conference, ISTD, Kota Chapter	Regional		Capacity Building of Genext-Reinforcing Employability through Skill Development	2014
37	The Indian Science Congress, University of Mumbai, Mumbai	National		Phytochemical Characterization using	2015
38	9 th International Congress of Environmental Research, Amity University, Gwalior (M.P.)	International		Green Living an Eco-friendly Approach	2018
39	XXV International Conference by Rajasthan Sociological Association, Govt. Arts Girls College, Kota	International		Environmental Issues in Kota City	2018
40	International Conference, Govt. Arts Girls College, Kota	International		Vegetable Dyes. Skill & Scope in Textile Industry	2020

8. Organizing Sec./Convener of Conference/Seminar/Webinar :

Conference/Seminar Title	Year
NAAC Accreditation Opportunities and Challenges; National E-Seminar	2020

9. Resource Person:

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

10. Research Publications

Year	Title of Paper	Name of Journal	Volume and No.	Citation Index	Impact Factor	Google Index
2005	Floristic diversity of Ranthambhore National Park with special reference to medicinal plant species	Indian journal of applied and pure Biology, Bhopal	0971-2091			
2006	Importance value indices of some plants in protected areas of Haroti region in Rajasthan with special reference to floristic diversity conservation	Indian Journal of Applied and pure Biology, Bhopal	0971-2091			
2006	Floristic diversity in Haroti region of Rajasthan	Advances in Plant Science, Muzaffarnagar	0970-3586			
2006	Magico-therapeutic plants of Kota region in Rajasthan	Indian journal of Environment and ecoplanning, Dumka	0972-1215			
2006	Ethnomedicinal Flora of Alnia river Banks of Kota district in Rajasthan	International Journal, Mendel, Patna	0970-9649			



Janki Devi Bajaj Government Girls College Kota

Year	Title of Paper	Name of Journal	Volume and No.	Citation Index	Impact Factor	Google Index
2013	Evaluation of antibacterial activity of leaves of <i>Typha angustifolia</i>	Advances in plant sciences, Muzaffarnagar	0970-3586			
2017	Biological concepts in Jainism and Modern Science	BMIRC, JainVishva Bharti Institute, Ladanun	978-93-83634-25-5			
2018	Ethnomedicinal Plants of Harshnath Hills of Shekhawati Region of Rajasthan	J.Phytological Research, Bharatpur	0970-5767			
2019	Woods used for musical instruments found in the region of Sikar district	Indian Journal of Environmental Sciences	09718-8958			
2019	Ecotourism Potential of Gagron Fort and its Environs with special reference to Floristic Diversity	Accent of Journal of Economics, Ecology and Engineering	2456-1037			
2020	Comparative Study of Covid-19 Pandemic on Ecotourism of Jhalawar district (Rajasthan)	Ajanta	2277-5730			

11. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
Studies on Plant Taxonomy and Ethno-Medico-Botany of Ranthambhore National Park	2004	UGC	Rs.37000	Completed
Studies on Phytodiversity of Mukandara National Park, Darrah (Rajasthan) with special reference to Anatomy of Medicinal Plant Species	2008	UGC	Rs 51000	Completed
Studies on Protection and Conservation of Forest, Wildlife and Biodiversity with main focus on Medicinal plants	2013	UGC	Rs.853800	Completed

12. Research Supervision:

a. Basic Field of specialization:

- Taxonomy
- Plant Physiology
- Medicinal Plants
- Ecology and Biodiversity

❖ Ph.D.

Name of Student	Title of thesis	Present status	Date and Year of Award, if so
Mrs Vinod Kumari	Studies on Floral Diversity with Special Reference to Traditional System of Medicine by Rural Communities of Sikar District of Rajasthan	Working	
Devyendu Sen	Studies on Flora of Gagron Fort (Jhalawar) and Its Environs with Special Reference to Eco-Tourism.	Working	



Janki Devi Bajaj Government Girls College Kota

Bahadur Singh Meena	Ethno-Botanical and Phyto-Chemical Studies of Selected Medicinal Plants (Family-Liliaceae) of Jhalawar District	Working	
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❖ **M. Phil.**

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

13. 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
Book-Practical Botany for B.Sc. Part-III	Dr Shuchita Jain Dr Alpana Johri		CBH Publishers, Jaipur	2007
Paryavaran Adhyayan for Degree Student Pp-114	Dr Shuchita Jain Dr Neerja Shrivastava	81-85712-114	Emkay Publications, New Delhi	2008
Physiology and Bio-chemistry for B.Sc. Part-III			CBH Publishers, Jaipur	2008
Ecology and Phytogeography for B.Sc. Part-III			CBH Publishers, Jaipur	2008
Biotechnology and Utilization of Plants for B.Sc. Part-III			CBH Publishers, Jaipur	2008
Taxonomy of Angiosperms BO 09		13/978-81-8496-128-7	Vardhman Mahavir Open University, Kota	2009
Relationship of Man and Environment pg. No. 45		13/978-85-8496-336-6	Vardhman Mahavir Open University, Kota	2012
Plant Physiology and metabolism: Carbohydrates and lipids pg 153-175			Vardhman Mahavir Open University, Kota	2015



Janki Devi Bajaj Government Girls College Kota

Title of Chapter	Authors / Editors	Name of the Book with ISBN/ISSN No.	Publisher with Place	Year of Publication
Biological concepts Biological concepts in Jainism and Modern Science in BMIRC		978-93-83634- 25-5	Jain Vishva Bharti Institute, Ladanun	2017

13 Sports Activities:

14 Extra Curricular Activities:

15. Any Other Relevant Information/Contributions

1. Subject expert for Botanical dictionary development (Commission for Scientific and Technical Terminology, New Delhi)
 2. Delivered Radio Talk at Akashvani, Kota on Environmental Issues
 3. Coordinator NAAC Committee
 4. Coordinator IQAC Committee
 5. Incharge UGC Committee
 6. Member RUSA Committee
 7. Member IPR Cell
 8. Convener BOS Botany, University of Kota
 9. Member Academic Council, University of Kota
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