

Dr DEEPIKA KANHAIYALAL CHANDAWAT
Staff Profile

• **Personal Details**

Name: Dr. Deepika K Chandawat

Permanent Address: 56, Hari Om Nagar, Part-3, D Cabin

Sabarmati, Ahmedabad -380019.

Local address: 56, Hari Om Nagar, Part-3, D Cabin

Sabarmati, Ahmedabad -380019.

Date of Birth: 08/06/1983

Mo. No. : 9825654205

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• **Academic Details:**

Degree	Passing year	Board / University	Percentage
S.S.C.	1998	GSEB	68
H.S.C.	2000	GSEB	47
B.Sc.	2003	GUJARAT UNIVERSITY	68
M.Sc.	2005	GUJARAT UNIVERSITY	64.4
M.Phil	2007	GUJARAT UNIVERSITY	-
Ph.D.	2011	GUJARAT UNIVERSITY	-
CCC+	2013	-	-
Other PGDENLW	2016	IGNOU	60.29

• **University Recognition:**

Degree	University	Recognition Letter number	Recognition Date
U.G.	Gujarat University	Academic/Adhayapak 6962/2013	10/01/2013
	Hemchandracharya North Gujarat University	AK/Manyata/287/6895/2013	15/11/2013
P.G.	Hemchandracharya North Gujarat University	No. PG/Recog./26(25) 4826/2014	21/10/2014
Ph.D. (Guide ship) (If Yes No. Of Students:	Hemchandracharya North Gujarat University	UNDER PROCESS	

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Awarded _____			
Running _____)			

- **Orientation/ Refresher/ Training Programme**

Course	Title of the Course	Name of Academic Staff College/Organization	Duration	
			Date	Date
Training	Training and Capability Building Program of Life-Science	Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat	14 th May	26 th May, 2012
Orientation	85 th Orientation programme	ASC, AHMEDABAD	30/05/2016	26/06/2016
Refresher	RC in ICT	ASC, AHMEDABAD	29/05/2017	18/06/2017
Faculty Development Programme	BOTANY	Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat	14/03/2016	19/03/2016

- **Seminar/workshops**

Sr. No.	Title/Subject	Organizer /Sponsor	Status (State/National/ International)	Dates
1.	“Impact of Environmental Hazards on Biota”	International Society for Research on Civilization Diseases and on Environment (ISRCDE) at Department of Botany, Gujarat.	State	4 th December, 2004
2.	Nanotechnology	Human Resource Development Perspective in Gujarat organized by Gujarat Council of Science and Technology (GUJCOST) at Sarva Vidhyalaya Kelevani Mandal Managed LDRP Institute of Technology and Research.	State	11 th February, 2006
3.	National Seminar on “Role of Marine Environment and its Impact on Industrial Development”	Department of Marine Sciences, Bhavnagar University, Bhavnagar	National	4 th February, 2007
4.	State Level Seminar on “Current Trends in Environmental Sciences”	Department of Biological and Environmental Science, N.V.Patel College, V.V.Nagar	State	20 th September, 2008
5.	Intellectual Property Rights	GUJCOST-IPRC Cell, Gujarat University and Gujarat University Botanical Society	State	13 th December, 2008
6.	A workshop on Intellectual Property Rights Awareness-2011 (WIPRA-2011)	Gujarat University and Gujarat Council On Science and Technology, Gandhinagar at	State	16 th June, 2011

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		Department of Botany, Gujarat University.		
7.	National Conference on “Role Of Taxonomy in Biodiversity Management and Human Welfare”	Sponsored by U.G. C at R.R. Mehta College of Science & C.L. Parikh College of Commerce, Palanpur Department of Biology	National	29 th January, 2011
8.	National Symposium on “Evolving Paradigm to Improve Productivity from Dynamic Management and Value Addition for Plant Genetic Resources”	In collaboration with Department of Biotechnology, Govt of India, UGC, GUJCOST, CSIR at Department of Botany Gujarat University	National	13 th -15 th October, 2011
9.	National Seminar on “Nutraceutical and Plants Used in Human Health”	Department of Biotechnology, Ministry of Science & Technology organized by The Maharaja Sayajirao University Of Baroda, Faculty of Science, Department of Botany	National	10 th -11 th December, 2011
10.	National Conference on “Research in Plant Sciences: Changing Pathways, Changing Lives	U.G.C Sponsored and Organized by Botany Department Smt. S. M. Panchal Science College, Talod	National	29 th &30 th October, 2012
11.	Three Days Workshop on “Research Methodology and Application of SPSS and Data Analysis”	Sponsored by Council of Scientific and Industrial Research (CSIR), New Delhi Organized by Acharya Motibhai Patel Institute of Computer Studies, Ganpat University.	National	11 th -13 th July, 2013
12.	State Level Seminar on “Conservation of Plant Biodiversity and Environment”	Sponsored by U.G.C at B.K.M Science College, Valsad	State	1 st September, 2013
13.	Two days State Level Workshop on “e-content Development for Higher Education”	Sponsored by University Grant Commission (UGC) and Jointly Organized by Shri R.K.Parikh Arts and Science College, Petlad,Gujarat and Sandhan-Bisag, Gandhinagar, Gujarat.	State	6 th and 7 th September, 2013
14.	One Day workshop on “Creating Awareness and Sharing Benefits of Knowledge of Biodiversity”	Gujarat Biodiversity Board and M.G. Science Institute	State	23 rd January, 2014
15.	XXVIII Gujarat Science Congress	Hemchandracharya North Gujarat University and Gujarat Science Academy	State	22 nd and 23 rd February, 2014

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16.	Three day Workshop on “Hyphenated Chromatographic Techniques (HPLC,HPTLC & GC/GC-MS) Instruments	Sponsored by DST and Organised by SICART	State	20 th -22 th August, 2014
17.	Molecular Modelling and Medicinal Chemistry	Seminar sponsored UGC & GSBTM. Organised by Applied Botany Center, Dept of Botany, Gujarat University	State	21 st March,2015
18.	National Conference on Recent Research Trends in all Subjects	Shri Patel Kelavani Mandal College of Technology and B.Ed in Collaboration with View of Space (An International Refereed Multidisciplinary Journal of Applied Research)	National	17 th August, 2015
19.	The Cell-3MT (2016) Seminar Transforming Biological Research	Government Science College, Shri K.K. Shastri Educational Campus	International	1 st January, 2016
20.	National Level Seminar “Biological Science and Current Day trends in teaching and Research”	Organized by Department of Biology Gujarat Arts and Science College, Ahmedabad	National	17 th September, 2016
21.	One Day State Level Workshop on “Environment Awareness, Ecology & Its Conservation “	Jointly organized by R.R. Mehta College of Science & C.L. Parikh College of Commerce, Palanpur and Gujarat Ecology Commission,Gandhinagar	Stata	5 th January, 2018

- **Publications**

- **Books**

Sr. No.	Title of the Book	Publisher	Month and Year of Publication	ISBN
1.	Aquatic Plant: <i>Hydrilla verticillata</i> L. and its Water Chemistry – Plant Water Relationship.	Lap Lambert Academic Publishing, Germany.	2012	ISBN 978-3-659-15444-7.
2.	Water Quality Analysis of Historical Lake (Hamirsar) - Bhuj, Gujarat, India: Monitoring of Water Quality of the Lake.	Lap Lambert Academic Publishing, Germany.	2012	ISBN 978-3-659-14505-6
3.	Status of Lakes in Eastern Ahmedabad.	Current Bioscience Association.	2012	ISBN 978-81-922699-1-6.

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4.	Phytoplankton: Population Dynamics in Fresh Water Lakes of Ahmedabad: Monitoring Lakes	Lap Lambert Academic Publishing, Germany.	2012	ISBN-13: 978-3-659-16059-2
5.	Impact of Global warming and Climate change on Human and Plant Health	Daya Publishing House, New Delhi	2015	ISBN-9789351242994
6	Impact of Global warming and Climate change on Human and Plant Health	Daya Publishing House, New Delhi	2015	ISBN-9789351242994

➤ Research Articles/Papers

Sr No.	Title of the Paper	Name of the Journal	Volume & Issue of the Journal	ISSN of the Journal	State/ National/ International
1	A Comparative Study of Chlorophyll Content in Aquatic Plants: <i>Hydrilla</i> and <i>Vallisneria</i> .	Vidya	Vol. II	2321-1520	State
2	Study of Aquatic Plant <i>Hydrilla verticillata</i> L. and its Water chemistry during Flowering season.	Advances in Biological Sciences.	Vol. 6 (1&2)	---	State
3	Comparative study of <i>Hydrilla</i> tank water, Gujarat University, Ahmedabad.	An Int. J. of Bioscience Reporter.	Vol. 5(2)	---	International
4	Aquatic Ecosystem and Aquatic plant <i>Hydrilla verticillata</i> L.f.: an Overview.	South Asian journal of socio-Political Studies (SAJOSPS).	Vol. 9(1)	0972-4613	International
5	Study of Water Quality of Hamirsar Lake – Bhuj.	An International Journal of Bioscience Reporter.	Vol.8(1)	---	International
6	Seasonal variation of leaf dust accumulation in plant species exposed to urban pollution in Ahmedabad city.	An International Journal of Bioscience Guardian.	Vol. 1(2)	2277-9493	International
7	Evaluation of Water Quality of Two different lakes of Ahmedabad City	An International Journal of	Vol. 1(2)	2277-9493	International

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		Bioscience Guardian.			
8	Seasonal variation in physico-chemical and phytoplankton analysis of Kankaria Lake.	Life sciences Leaflets	Vol.(19)	0976 - 1098.	International
9	Air pollution effects on starch content on Some tree species in Ahmedabad city.	Life sciences Leaflets	Vol.(19)	0976 - 1098.	International
10	Phytoplankton analysis in two different lakes of urban Ahmedabad.	Life sciences Leaflets	Vol.(20)	0976 - 1098.	International
11	Air pollution tolerance index (APTI) of tree species at cross roads of Ahmedabad city.	Life sciences Leaflets	Vol.(20)	0976 - 1098.	International
12	Evaluating the water quality of Malav Lake by mean of physico-chemical analysis.	Life sciences Leaflets	Vol.(20)	0976 – 1098	International
13	Water quality analysis of an organically polluted lake by investigating different physical and chemical parameters.	International Journal of Chemistry and Environment	Vol. 2(1)	2248-9649	International
14	Monitoring level of pollution in Desalsar Lake of Bhuj.	Int. J. Bioscience Guardian.	Vol. 2(1)	2277-9493	International
15	“Pollution Status of Nikol Lake Located In Eastern Ahmedabad, Gujarat, India”.	International Journal of Innovative Research in Science.	Vol. 2(8)	2319-8753	International
16	Activity of Enzyme Catalase in Some species of Ficus.	Asian Journal of Biological and Life Science.	Vol. 2(2)	2278-5957	International
17	Role of Total Phenol in the Resistance Mechanism of Plants Against Air Pollution	Biolife	Vol. 2(2) , 2014	2320 -4257	International
18	Effect of Light on Seed Germintion of Vigna radiate	European Journal of Pharmaceutical And Medicial Research	Vol 4(12), 444-448	2394-3211	International

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19	Dust Capturing Efficiency of Road-side Plants Growing at Ahmedabad Cross-Roads	A Journal of Gujarat University Vidhya Special	Issue: Proceedings of National Conference	2321-1520	National Symposium
20	Seasonal Variation in the water quality of Gota Lake	A Journal of Gujarat University Vidhya Special	Issue: Proceedings of National Conference	2321-1520	National Symposium

- **Research Work**

- **Projects:**

Sr. No.	Minor/Major	Sponsor/Organization	Status (Complete/Running/Proposed)
1.	MINOR	GEMI	REPORT SUBMITTED

- **Academic Experience:**

- **U.G.**

Date: 20/09/2009 to TILL DATE Total Years: 7YR 1MONTH

- **P.G.**

Date: 21/10/2014 to TILL DATE Total Years: 3YR 11MONTHS

- **BISAG Expert Lectures :**

Number of Lectures: 02

- **History of service:**

Sr.No	College Name	From Date	To Date	Order No	Order Date
1.	M.P.SHAH ARTS AND SCIENCE (GOVERNMENT) COLLEGE, SURENDRANAGAR	20-08-2009	----- 22/04/2010	Mahkam / KH.2/13904-909/2009	21/07/2009
2.	SHRI R.K.PARIKH ARTS AND SCIENCE COLLEGE, PETLAD	02-04-2012	----- 28/09/2013	KAVAT/V-1/2012/194	07/07/2012
3.	M.N.SCIENCE, COLLEGE, VISNAGAR	30/09/2013		NO.OW/2013/ESC2/5832-41	17/09/2013

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