

Staff Profile

• Personal Details

Name : Dr. Pradhuman A. Parmar

Present Designation and Grade : Assistant Professor, Grade II

Permanent Address: At. Po. Kukeri (Shantikunj), Ta-Chikhli, Di-Navsari,

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Academic Details:

Degree	Passing year	Board / University	Percentage	University Rank (Y / N)
S.S.C.	2000	G.S.E.B	80.29	N
H.S.C.	2002	G.H.S.E.B	52.62	N
B.Sc.	2005	H.N.G.U	70.00%	N
M.Sc.	2007	H.N.G.U	73.76%	N
Ph.D.	2011	H.N.G.U	Awarded	N
CCC+	2013	Spipa	81%	N
Gujrati/Hindi (Govt. Lang. Exams)	Hindi Vinit	Gujarat Vidyapith Ahmedabad	PASS	N

• University Recognition:

Degree	University	Recognition Letter number	Recognition Date
U.G.	V.N.S.G.U.	S(1)/maanyata-212/19637/2018	22-10-2018

Orientation/ Refresher/ Training Programme

Course	Title of the Course	Name of Academic Staff College/Organization	Duration	
			Date	Date
Orientation		HRDC, Ahmedabad	01/06/2015	28/06/2015
Refresher	Nano Technology	HRDC, Ahmedabad	07/11/2016	27/11/2016
FDP		KCG, Ahmedabad	19/06/2017	24/06/2017

- **Seminar/workshops**

Sr. No.	Title/Subject	Organizer /Sponsor	Status (State/ National/ International)	Dates
1	Green Chemistry and its perspective	Saint Gadgebaba Amravati Uni., Amaravati	National	11-12/2/08
2		Gurukul Kangari Vishvavidyalaya, Haridwar	National	26-28/12/08
3	National Seminar on emerging trends in chemical science research	Dept. of Chemistry, V.V. Nagar	National	20- 21/1/09
4	Research in chemistry at the crossing edge of other sciences	N.V. Patel college, V.V. Nagar	National	8- 9/11/09
5	Chemical Biology for Discovery: Perspective and Challenges	Indian society of Chemists and Biologists, Lucknow, India	International	15-18/1/10
6	“Nanotechnology: Todays and Tomorrow”	Institute of Technology, Nirma University, Ahmedabad	National	8/3/10
7	National Seminar on Intellectual Property Rights	A.R. College of Pharmacy, V.V. Nagar	National	26/3/10
8	National workshop on combined application of spectroscopy	Dept. of Chemistry, V.V. Nagar	National	17-19/2/11
9	“Current Trends in applications of advanced spectroscopic techniques”	D.N. Science college, Dabhoi	State	31/08/13
10	Recent trends in affordable and sustainable drug discovery and developments	Indian society of Chemists and Biologists, Lucknow, India	International	6-8/02/16
11	Emerging trends and advances in Chemistry	Gujarat Arts and Science College, Ahmedabad	State	11/02/17
12	Novel trends in bioactive heterocyclic compounds... Recent Perspective	M. N. College, Visnagar	National	28/02/17
13	Crossing edges of research in Science	Government Science College, Gandhinagar	State	11/03/17
14	Frontiers at the chemistry-allied sciences interface	Center of advanced study, Jaipur	International	22-23/7/2017
15	Recent innovation in science and workshop on spectroscopy and its perspectives	Municipal arts and urban science college, Mehsana	International	15-16/9/2017
16	Advance perspectives and concepts in chemical sciences	M.G. science institute, Ahmedabad	National	26/2/2018

• **Publications**

➤ **Research Articles/Papers**

Title of the Paper	Name of the Journal	Volume & Issue of the Journal	ISSN of the Journal	State/ National/ International
1. Synthesis, characterization, and thermal And biocidal aspects of drug-based Metal complexes	Pharmaceutical chemistry journal	42	0091-150X	International
2. Five-coordinated oxovanadium(IV) complexes derived from amino acids and ciprofloxacin: Synthesis, spectral, antimicrobial, and DNA interaction approach	Bioorganic and Medicinal Chemistry Letters	18	0960-894X	International
3. Antibacterial and DNA interaction studies of zinc(II) complexes with quinolone family member, ciprofloxacin	European Journal of Medicinal Chemistry	45	0223-5234	International
4. Square pyramidal copper(II) complexes with forth generation fluoroquinolone and neutral bidentate ligand: Structure, antibacterial, SOD mimic and DNA-interaction studies	Bioorganic and Medicinal Chemistry	18	0968-0896	International
5. SOD mimic activity, DNA binding and in-vitro antibacterial studies of drug based copper(II) complexes	Inorganic Chemistry Communications	13	1387-7003	International
6. Antimicrobial and nuclease activity of mixed polypyridyl ruthenium(II) complexes	Inorganic Chemistry Communications	13	1387-7003	International
7. Synthesis, biological aspects and SOD mimic activity of square pyramidal copper(II) complexes with the 3rd generation quinolone drug sparfloxacin and phenanthroline derivatives	Inorganic Chemistry Communications	14	1387-7003	International
8. Antibacterial, SODmimic and nuclease activities of copper(II) complexes containing ofloxacin and neutral bidentate ligands	Applied Organometallic Chemistry	25	1099-0739	International
9. Synthesis, characterization, antimicrobial, SODmimic and DNA interaction behavior of copper(II) complexes with pefloxacin and phenanthroline derivatives	Applied Organometallic Chemistry	25	1099-0739	International
10. Third generation fluoroquinolones antibacterial drug based mixed-ligand Cu(II) complexes: structure, antibacterial activity, superoxide dismutase activity and DNA-interaction approach	Journal of Enzyme Inhibition and Medicinal Chemistry	26	1475-6366	International
11. Ternary copper(II) complexes of levofloxacin and phenanthroline derivatives: In-vitro antibacterial, DNA interactions, and SOD-like activity	Journal of Enzyme Inhibition and Medicinal Chemistry	26	1475-6366	International

12. Antibacterial, nuclease, and SOD-mimic behaviors of copper(II) complexes of norfloxacin and phenanthrolines	Journal of Coordination Chemistry	64	0095-8972	International
13. Synthesis, characterization and DNA binding and cleavage properties of ruthenium(II) complexes with various polypyridyls	Journal of Enzyme Inhibition and Medicinal Chemistry	26	1475-6366	International
14. Effect of substituent of terpyridines on the DNA-interaction of polypyridyl ruthenium(II) complexes	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	84	1386-1425	International
15. DNA interaction and in-vitro antibacterial studies of fluoroquinolone based platinum(II) complexes	Inorganic chemistry communications	15	1387-7003	International
16. Spectrophotometric Determination of Ciprofloxacin by Ion Pair Formation	Journal of Analytical chemistry	67	1061-9348	International
17. Synthesis, Characterization, Covalent Binding, and Degree of Unwinding of Platinum(II) Bipyridine Complexes	Zeitschrift für anorganische und allgemeine Chemie	638	1521-3749	International
18. Synthesis, characterization and evaluation of five coordinated copper(II) complexes as antibacte	Nucleosides, Nucleotides and Nucleic Acids	31	1525-7770	International
19. DNA-binding and cleavage activity of polypyridyl ruthenium(II) complexes	Journal of Coordination Chemistry	65	0095-8972	International
20. Step-growth Polymerization of 5-(3,5-dinitrobenzoylamino) Isophthalic Acid With Different Aromatic Diols	International Journal of Chemtech Applications	2(4)	2319-7099	International
21. Development and validation of A RP-HPLC method for the simultaneous determination of 3-Methylbenzofuran-2-Carboxylic acid and its three process related impurities	International Journal of Current Advanced Research	5(7)	1066-1070	International
22. Development and validation of a reversed-phase HPLC method for the simultaneous determination of Aniracetam and impurities in the bulk drug	International Journal of Advances in pharmacy, biology and chemistry	5(2)	220-232	International
23. A Stability indicating isocratic reversed phase HPLC-UV method for assay determination of Levo Bupivacaine Base	International Journal of Current Advanced Research	8(9)	38402-38408	International
24. A degradation study of Aniracetam into its precursor including degradation pathway and identification with RP-HPLC method validation and LC/MS	International Journal of Advances in pharmacy, biology and chemistry	5(4)	396-407	International
25. Physico-Chemical Characterization of farmland Soil used in some villages of Radhanpur Taluka. Dist :Patan (Gujarat) India	Research Guru	10(3)	133-152	International

26. Analysis of Macro and Micronutrients in villages of Vadagam Taluka, Banaskantha (Gujarat) India.	Research Guru	10(3)	153-172	International
27. Assessment of Macro and Micronutrients in Soils from Sami Taluka, Dist. Patan Area, Gujarat, India	Research Guru	10(3)	79 to 94	International
28. Studies on Some Physicochemical Parameters of Soil Samples in Santalpur Taluka, District Patan, Gujarat, India	Research Guru	10(3)	113-132	International
29. Studies of physicochemical parameters of different soil samples of Visnagar Taluka, Mehsana district.	Research Guru	10(3)	95-112	International
30. Study of Nutrients in Agricultural Soil of Gandhinagar District	Research Guru	11(4)	506-522	International
31. Analysis of Macro and Micronutrients in Soils of Vadagam Taluka in Banaskantha District	Research Guru	11(4)	488-505	International
32. Study on physico-chemical properties of soil sample in Vijapur taluka, District Mehsana	Research Guru	11(4)	472-487	International
33. Physico chemical study of soil collected from Visnagar Taluka, Dist. Mehsana, Gujarat, India	Research Guru	12(1)	363-382	International
34. Study of Soil Properties of Visnagar Taluka, District Mehsana	Research Guru	12(1)	382-300	International
35. Assessment of Macro and Micronutrients in Soils of Vadagam Taluka, Banaskantha District	Research Guru	12(1)	183-201	International
36. Study of Nutrients of Agricultural soil of sami taluka in patan District	Research Guru	12(1)	114-132	International
37. Study of the most significant properties of soil of Visnagar Taluka, Mehsana District	Research Guru	12(1)	55-73	International

Academic Experience:

➤ **U.G.**

Date: 18/03/2013 to Contd.

➤ **P.G.**

Date: 18/03/2016 to 26/07/2018

- **History of service:**

Sr.No	College Name	From Date	To Date	Order No	Order Date
1.	M. N. College, Visnagar	18/03/2013 to 26/07/2018		OW/2013/ESC2/397-576	16/03/2013
2.	Government Science College, Chikhli	27/07/2018 to contd.		મકમ/ESC2/કે. બદલી/૨૦૧૮/૬૭૭૪-૬૮૭૮	23/07/2018