

Staff Profile



● Personal Details

Name: Dr. Poonam Wadhvani

Permanent Address: 205, Gurukripa Avenue, Maya cinema road, Above axis bank, Kubernagar, Ahmedabad - 382340

Local address: 10, Maniratana Bunglows, Nr. Mehasana Chokdi, Visnagar – 384315, Mehasana

Date of Birth: 27/08/1988

Sex: Female

Mo. No. : 8460519967

Email Id: poonam270888@gmail.com

Married Status: Married

● Office Details

Subject: Chemistry

Designation: Assistant Professor

Category: General

Cast: Hindu

Sub cast: Sindhi

Physical Handicapped: No

Date of Joining: 14/12/2021

Date of GPSC: 30/07/2018

● Academic Details:

Degree	Passing year	Board / University	Percentage
S.S.C.	2004	Gujarat Board	70.6
H.S.C.	2006	Gujarat Board	67.3
B.Sc.	2009	Gujarat University	71.8
M.Sc..	2011	Gujarat University	72.6
B.Ed.	-	-	-
CCC+	2018	SPIPA	72.0
NET	-	-	-
SLET	-	-	-
M.Phil	2014	Gujarat University	83.3
Ph.D	2016	Gujarat University	-

Gujarati (Govt. Lang. Exams)	2019	Gujarat Board	79.0
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● **University Recognition:**

Degree	University	Recognition Letter number	Recognition Date
U.G.	Applied		
P.G.	Applied		

● **Orientation/ Refresher/ Training Programme**

Course	Title of the Course	Name of Academic Staff College/Organization	Duration	
			Date	Date
Orientation Course	Faculty Induction Programme	Gujarat University	12/07/2021	10/08/2021

● **Seminar/workshops**

Sr. No.	Title/Subject	Organizer /Sponsor	Status (State/National/International)	Dates
1.	Chemical Sciences in Present Scenario (CSIPS – 2016)	Department of Chemistry & Industrial Chemistry	National Seminar	8-9 th January 2016
2.	International Conference on Climate Change and Sustainability (IC3S-2015)	Thakur College of Science and Commerce, Mumbai	International Conference	21 st – 23 rd December, 2015
3.	Regional Training Programme on URKUND (An Anti-Plagiarism Detection Tool)	Gujarat University and INFLIBNET Centre in collaboration with URKUND, Sweden & eGalactic-Pune	State Level	24 September, 2015
4.	Corrosion Monitoring & Managements (CMM) 2015	Indian Institute of Metals Baroda Chapter	National Workshop	13 th June 2015
5.	Electronic Thesis Dissertation (ETD) and Anti-Plagiarism	Gujarat University Library	State Level	4 th December, 2014
6.	Green Chemistry for the Environment	Chemistry Department, K.K. Shah Jarodwala Maninagar Science College, Ahmedabad-380008 sponsored by UGC	State Level Seminar	12 th January, 2015
7.	Chemistry for Sustainable Development	Chemistry Department of M.G. Science Institute and sponsored by UGC and GUJCOST	National Seminar	27 th – 28 th December, 2014
8.	9 th National Conference on Thermodynamics of Chemical, Biological, Environmental and	Department of Chemistry, Sardar Patel University, Vallabh Vidhyanagar	National Conference	17 th – 18 th October, 2014

	Non-Conventional Energy Systems (TCBNES-2014)			
9.	Enhancing Drug Solubility and Bioavailability Using Nanotechnology	Centre of Excellence in Nanotechnology (CoENT), Ahmedabad	One day workshop	10 th October, 2014
10.	Intellectual Property Rights	National Innovation Foundation, Ahmedabad and Gujarat University	One day workshop	8 th October, 2014
11.	Advances in Environment Science and Technology	Central University of Gujarat	National Seminar	25 th – 26 th February, 2014
12.	Surface Protective Coatings (SSPC India 2014)	The Society For Surface Protective Coatings India	11 th International Symposium	19 th – 21 st January, 2014
13.	SCIENCE EXCELLENCE – 2014	Department of Botany, Gujarat University, Ahmedabad.	State Level	4 th January, 2014
14.	Surface Science and Nanotechnology in Biomedical, Pharmaceutical, Engineering Systems	Dharmsinh Desai University, Nadiad, Gujarat, India and supported by Gujarat Council on Science and Technology, DST, Govt. of Gujarat	International Conference	10 th – 12 th December
15.	Green Nanotechnology and Modern Industries	CII –GOG Centre of Excellence in Nanotechnology (COENT), Ahmedabad	One Day Workshop	25 th October, 2013
16.	Corrosion Management for Industry	Confederation of Indian Industry at Ahmedabad	One Day Seminar	22 nd August, 2013
17.	Emerging Trends In Chemical Sciences	School of Chemical Sciences, Central University of Gujarat, Gandhinagar	International Conference	14 th – 15 th March, 2013
18.	Recent Advances and Current Trends in Medicinal Chemistry & other Chemical Sciences	Department of Chemistry (UGC-SAP-DRS-II&DST – FIST Sponsored), Saurashtra University, Rajkot	National Conference	16 th – 18 th March, 2012
19.	Supramolecules and Nanomaterials – Research and Applications	Department of Chemistry, Gujarat University &GUJCOST – Department of Science & Technology, Government of Gujarat, India	International Conference	6 th – 8 th February, 2012
20.	Chemistry : Our Life Our Future	Department of Chemistry, School of Sciences, Gujarat University, Ahmedabad	One Day Colloquium	24 th December, 2011
21.	Industry – Academia Congregate – 2011	Department of Chemistry, School of Sciences, Gujarat University, and The Association of Chemical Technologists – India, Ahmedabad	State Level	22 nd January, 2011

● Publications

➤ Books

Sr. No.	Title of the Book	Publisher	Month and Year of Publication	ISBN
1.	“IMPORTANT QUESTION DATA BANK Chemistry Paper – 101 (General Chemistry) for Semester –I Based on “New Revised Syllabus”	DOTCOM PUBLICATIONS	2017	978-93-85056-31-4
2.	IMPORTANT QUESTION DATA BANK	DOTCOM	2017	978-93-85056-7

	Chemistry Paper – 202 (Physical Chemistry) for Semester – III Based on “New Revised Syllabus”	PUBLICATIONS		3-4
3.	IMPORTANT QUESTION DATA BANK Chemistry Paper – 103 (General Chemistry) for Semester – II Based on “New Revised Syllabus”	DOTCOM PUBLICATIONS	2018	978-93-85056-79-6
4.	Corrosion Inhibition Study of Aluminium in Hydrochloric Acid	LAP LAMBERT ACADEMIC PUBLISHING	April, 2016	978-3-659-87977-7
5.	Introduction of Corrosion & Literature Review on Mild Steel Corrosion	LAP LAMBERT ACADEMIC PUBLISHING	May, 2016	978-3-659-89291-2
6.	Inhibitor Adsorption And Thermodynamic Study Of Metal Corrosion	LAP LAMBERT ACADEMIC PUBLISHING	March, 2016	978-3-659-82988-8
7.	Corrosion Inhibition by Schiff Base Assembled Nanoparticles	Scholar’s Press	May, 2016	978-3-659-83850-7
8.	Mega Super Chemistry Std.11 SEMESTER-I	B. S. Shah Prakashan	2016	81-8416-026-7
9.	Mega Super Chemistry Std.12 SEMESTER-III	B. S. Shah Prakashan	2016	81-8416-087-9
10.	Mega Super Chemistry Std.12 SEMESTER-IV	B. S. Shah Prakashan	2016	81-8416-087-9
11.	Corrosion inhibition of Aluminium and its Alloys: Overview	Scholar’s Press	June, 2016	978-3-659-83939-9
12.	Fast Red dye degradation by Plant Extracts	LAP LAMBERT ACADEMIC PUBLISHING	June, 2016	978-3-659-91007-4
13.	Comparison of MPMM and its NPs as anticorrosive property for MS	Scholar’s Press	April, 2018	978-620-2-30401-6

➤ **Research Articles/Papers**

Title of the Paper	Name of the Journal	Volume & Issue/Year of the Journal	ISSN of the Journal	State/ National/ International
Synthesis, Characterization and Adsorption significance of Novel Composite (Chitosan beads loaded nickel-oxide nanoparticles)	Desalination and Water Treatment	62, 2017	1944-3994	International
Investigation of anti-corrosive properties of o-Anisidine-N-Salicylidene and its nanocomposite o-Anisidine-N-Salicylidene / NiONPs on mild steel in 2N HCl	RSC Advances	93, 2016	2046-2069	International
Comparative study of Chitin and Chitosan Beads for the adsorption of hazardous anionic azo dye Congo Red from wastewater	Desalination and Water Treatment	57, 2016	1944-3994	International

Adsorption of Lead (II) Ions onto Cassava Starch 5-Chloromethyl-8-Hydroxyquinoline Polymer from aqueous Medium	Water Science and Technology	74, 2016	0273-1223	International
Corrosion inhibition Performance of coriander seeds extract molecules for pure Aluminium in hydrochloric acid medium: A combined experimental and quantum chemical approach	Research Journal of Chemical Sciences	5, 2016	2231-606X	International
Improvement in Corrosion Protection of Zinc by A Natural Inhibitor Incorporated with Zinc Oxide Nanoparticles in an Acidic Medium Evaluated using Gravimetric Measurement, Electrochemical Method and Atomic Force Microscopy	Oriental Journal Of Chemistry	32, 2016	0970 - 020X	International
Newly synthesized salicylidene-4,4'-dimorpholine (SDM) assembled on Nickel oxide nanoparticles (NiONPs) and its inhibitive effect on mild steel in 2N Hydrochloric Acid	Applied Surface Science	331, 2015	0169-4332	International
Enhanced corrosion inhibitive effect of p-methoxybenzylidene-4,4'-dimorpholine assembled on nickel oxide nanoparticles for mild steel in acid medium	RSC Advances	5, 2015	2046-2069	International
Investigation of surface morphology, anticorrosive and abrasion resistance properties of nickel oxide epoxy nanocomposite (NiO-ENC) coating on mild steel substrate	Progress in Organic Coatings	80, 2015	0300-9440	International
Evaluation of corrosion inhibitive properties of Trigonellafoenum-graecum for pure Aluminium in hydrochloric acid	Journal of Materials and Environmental Science	6, 2015	2028-2508	International
Evaluation of Fennel Seed Extract as a Green Corrosion Inhibitor for Pure Aluminium in Hydrochloric Acid: An Experimental and Computational Approach	Analytical & Bioanalytical Electrochemistry	7, 2015	2008-4226	International
Comparative Study of Natural Inhibitor and Np-natural Inhibitor for the Corrosion Protection of Zinc in HCl	Journal of Nanoscience and Nanotechnology	5, 2015	1533-4880	International

Research Work

➤ Projects:

Sr.	Minor	Sponsor/Organization	Status
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No.			(Complete/Running/Proposed)

● **Academic Experience:**

➤ U.G.

Date: 30/07/2018 to 13/12/2021 (Shri Govind Guru University) Total Years: 3 years 5 months

Date: 14/12/2021 to till date (HNGU) Total Years: 20 days

Total Years: 3.5 years

➤ P.G.

Date: Total Years:

N.C.C. Officer -

Date: _____ to _____ Total Years:

➤ N.S.S. Programme Officer:

Date:

➤ BISAG Expert Lectures :

Number of Lectures: _____

● **Administrative Experience: NIL**

● **History of service:**

Sr.No	College Name			Order No	Order Date
		From Date	To Date		
1.	Government Science College, Chhotaudepur	30/07/2018	13/12/2021	મકમ/ESC2/ GPSC- chemistry/2 018/6880- 6988	24/07/2018
2.	M. N. College, Visnagar	14/12/2021	to till date	મકમ.૨/પા.૫ ૯૯૧/૨૦૨૧	09/12/2021

● **Representation in various Committee
(University/Government/**

● **College)**

Name of the Committee	Level	Position	Duration
Saptadhara Committee		Member	
Examination Committee		Member	
Time table Committee		Convener	
Anti-ragging Committee		Convener	
CWDC Committee		Convener	
Purchase Committee		Member	
Grievance Redressal Committee		Convener	

● **Exam Duties**

Year	Junior Supervisor	Senior Supervisor	Chef Conductor	Paper Setter	Examiner		Chairman
					Theory	Practical	
2018	√	√				√	
2019	√	√				√	
2020	√	√				√	

Please in the appropriate box.

Note:

1. Please submit totally evidence in hard copies.