



*Maratha Vidya Prasarak Samaj's,*  
**K.S.K.W. Arts, Commerce & Science**  
**College, CIDCO, Nashik-42008**

1. **Name** : Dr. Pranjali Bhausahab Date
2. **Father's Name / Mother's Name** : Shri. Bhausahab Trimbak Date
3. **Department** : Chemistry
4. **Current Designation & Grade Pay** : Assistant Professor, CHB (Grant)
5. **Date of joining** : 18/11/2021
6. **Date and Place of Birth** : 09/08/1988, Nashik
7. **Sex** : Female
8. **Marital status** : Married
9. **Nationality** : Indian
10. **Category** : OBC
11. **Address for correspondence** : At-Post-Wadivarhe, Tal-Igatpuri, Dist-Nashik,  
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**14. Academic Qualification:**

Examinations	Name of the Board/ University	Year of Passing	Percentage of marks obtained	Division/ Class /Grade	Subject
SSC	Pune Board	2004	77.20 %	Distinction	-
HSC	Pune Board	2006	54.17 %	Second Class	PCMB
B.Sc	SPPU, Pune	2009	80.15 %	Distinction	Chemistry
M.Sc	SPPU, Pune	2011	65.80 %	First class	Inorganic Chemistry
M.Phil	SPPU, Pune	2015	Awarded	A	Inorganic Chemistry
Ph.D	SPPU, Pune	2021	Awarded	-	Inorganic Chemistry
PET	SPPU, Pune	2015	Qualified	-	Chemistry

**14. Research Degree(s)/Project**

Degrees	Title	Guide	Date of award	University
Ph.D.	Preparation, Characterization and Physico-Chemical Properties of Modified Agarose Hydrogels and its Applications in Drug Release	Dr. Divya Ottoor	01/09/2021	SPPU, Pune
M.Phil.	Synthesis of Agar Based Hydrogels and Their Applications in Controlled Drug Delivery of Dipyridamole Drug	Dr. Divya Ottoor	29/09/2015	SPPU, Pune
M.Sc.	Synthesis and characterization of manganese Oxide from manganese oxalate	Dr. V. D. Kelkar	-	SPPU, Pune

**15. Appointments held prior to joining this institution**

Designation	Name of Employer/Department	Date of joining		Reason of leaving
		Joining	Leaving	
Assistant Professor	K.K.W. College, Pimpalgaon (B), Nashik	30/08/2011	30/04/2014	Full time Ph.D.
Assistant Professor	K.S.K.W. College, Cidco, Nashik	18/11/2022	19/06/2023	CHB Grand Transfer
Assistant Professor	K.P.G. College, Igatpuri, Nashik	20/06/2023	19/07/2024	CHB Grand Transfer -
Assistant Professor	K.S.K.W. College, Cidco, Nashik	20/07/2024	Till date	CHB Grand Transfer

**16. Period of teaching experience**

Classes	Subject	Years
F.Y.B.Sc.	Practicals	2.5
T.Y.B.Sc.	Inorganic chemistry	1.0
T.Y.B.Sc.	Inorganic chemistry practical	1.0
M.Sc-I	Inorganic chemistry	2.0
M.Sc-I	Physical chemistry	3.0
M.Sc-I	Inorganic chemistry Practicals	1.0
M.Sc-I	Physical chemistry practicals	3.0
M.Sc-II	Analytical chemistry	0.6

**17. Research Experience excluding years spent in M. Phil / Ph. D (in years): 08**

### 18. Research projects completed by students

S.N	Name of student	Title of the project	Year
1.	Jagad Pinkal Narendrakumar	Controlled Release of Naproxen from Chitosan-Polyvinyl Alcohol Hydrogel	2013-2014
2.	Kiran Dipak Divekar	Immobilization of Dipyridamole with $\beta$ -Cyclodextrin into pH responsive Agar based hydrogel for controlled drug delivery	2014-2015
3.	Basuraj Laxman Koli	Synthesis and characterization of biocompatible and biodegradable AG-g-PVA hydrogels for controlled delivery of Ibuprofen	2016-2017
4.	Ruchir Shirang Raut	A Novel Biodegradable and pH Sensitive Agarose based Hydrogel for controlled delivery of Ibuprofen drug	2017-2018
5.	Gare Kalyani Ramesh	A Novel Agarose-NIPAM Hydrogel and Carbon-Dot Nano composite for Norfloxacin Delivery	2018-2019
6.	Hindavi Deorao Madavi	Temperature responsive biodegradable hydrogels derived from Agarose and N-isopropyl acrylamide for norfloxacin drug delivery	2020-2021
7.	Siddesh Mistri	Synthesis and characterization of modified IPN HYs consisting of agarose and poly (vinyl alcohol) for the controlled drug delivery of anti inflammatory drug, IBU	2023-2024
8.	Janabai V. Waykande	Synthesis and characterization of hydrogel nanocomposites using zinc oxide as nanomaterial for the controlled drug delivery of norfloxacin drug	2023-2024

### 19. Research Papers in Peer- Reviewed or UGC listed Journals

S.N	Title of the Article/Paper	Name of the journal Vol. No. & PP / Year	ISSN No.	Impact Factor
1.	pH Dependent Controlled Release of CTAB Incorporated Dipyridamole Drug from Agar-Based Hydrogel	<i>Polym Plast Technol Eng</i> , 55, Taylor & Francis 403–413, 2016.	ISSN: 0360-2559.	3.267
2.	Biodegradable and biocompatible agarose–poly (vinyl alcohol) hydrogel for the in vitro investigation of ibuprofen release	<i>Chemical Papers</i> , 74, Springer, 1965–1978, 2020.	ISSN 1336-9075.	2.410

3.	Carbon dots-incorporated pH-responsive agarose-PVA hydrogel nanocomposites for the controlled release of norfloxacin drug	<i>Polymer Bulletin</i> , 77, Springer, 5323–5344, 2020.	ISSN: 0170-0839.	3.200
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4.	In Vitro Investigation of Controlled Release of Ciprofloxacin and Its $\beta$ -Cyclodextrin Inclusion Complex from Gelatin Grafted Poly(vinyl alcohol) (GPVA) Nanoparticles	<i>Chemistry Select</i> , 4, Wiley, 11337–11345, 2019.	ISSN:2365-6549.	2.307
5.	ZnO NP incorporated Gelatin grafted polyacrylamide hydrogel nanocomposite for controlled drug release of Ciprofloxacin	Colloid and Interface Sci. Communi., 42, Elsevier, 100601, 2020.	ISSN: 2215-0382.	5.633

## 20. Papers/Posters Presented in Conferences

- “Carbon dot tailored agarose based hydrogel for pH-responsive controlled delivery of norfloxacin”, Pranjali Date and Divya Ootoor, Emerging trend in chemical and environmental science (ETCES), January 3-4, 2019.
- “A novel biodegradable hydrogel from Agarose and polyethylene glycol for norfloxacin delivery”, Pranjali Date and Divya Ootoor, SPSI MACRO, December 19-22. 2018.
- “Controlled release of ibuprofen from pH and temperature sensitive modified agar based hydrogel”, Pranjali Date and Divya Ootoor, 87th annual session of academy national symposium in Chemistry (NASI), SPPU, Pune, December 8-10, 2017.
- “Controlled release of dipyridamole drug from pH sensitive naturally based agar/agar grafted hydrogel: A study using fluorescence spectroscopy”, Pranjali Date and Divya Ootoor, International Workshop on Radiation and Photochemistry, (PUWORP), January 10-12, 2016.
- “Preparation and characterization of modified agar hydrogel and application in controlled release of dipyridamole drug”, Pranjali Date and Divya Ootoor, Aavishkar 2016.

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

**Date:** 05/12/2024



**Dr. Pranjali Bhausaheb Date**