

## Teacher Profile

**Name:** Dr. Pranjali Bhausheb Date

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**Personal Information:**

- Name : Dr. Pranjali Bhausheb Date
- Date of Birth : 09/08/1988
- Nationality : Indian
- Present Position : Assistant Professor
- Experience : 0 Years and 06 month
- Marital Status : Married
- Areas of Research : Polymer based hydrogel, hydrogel  
nanocomposites and hydrogel nanoparticle  
in controlled drug delivery
- Vidwan ID : -
- Orchid ID : -

**Educational Details:**

Degree/Diploma	College/University	Year of Passing	Percentage Marks/CGPA	Class
Ph.D	Savitribai Phule Pune University	2021	Awarded	
M.Phil	Savitribai Phule Pune University	2015	Awarded	
M.Sc (Inorganic Chemistry)	Savitribai Phule Pune University	2011	65.80%	A
B. Sc. (Chemistry)	Savitribai Phule Pune University	2009	80.15	O
PET	Savitribai Phule Pune University	2015	-	-

**Thesis/dissertation/Project:**

Degree	Name of the Guide	Title
Ph.D.	Dr. Divya Ottoor	Preparation, characterization and physic-chemical properties of modified agarose hydrogels and its applications in drug release
M.Phil	Dr. Divya Ottoor	Synthesis of agar based hydrogels and their applications in controlled drug delivery dipyridamole drug
PG	Dr. V. D. Kelkar	Synthesis and characterization of manganese Oxide

**Teaching Experience:**

Organization	Designation	Duration	Total Experience
MVP Samajs, K.K.Wagh college, Pimpalgaon (B), Nashik, Maharashtra	Assistant Professor	02/09/2011 to 30/04/2012 15/06/2012 to 30/04/2013 15/06/2013 to 30/04/2014	0 Y- 07 M-28 D 0 Y-10 M-15 D 0 Y-10 M-15 D
MVP Samajs, K.S.K.W college, Cidco, Nashik, Maharashtra	Assistant Professor	18/11/2022 to till date	0 Y-05 M-05D
			<b>02 Y-08 M-05 D</b>

**Technical Skills:**

Modeling and Analysis	-
Software's/ Programming	Origin-6.0, Origin-8.0, Chem Draw and Mestrenova NMR

**Research****Research Paper Publications:**

1. **Pranjali Date**, Archana Tanwar, Priyanka Ladage, Kisan M. Kodam, Divya Ottoor, (2020), "Carbon dots incorporated pH responsive agarose PVA hydrogel nanocomposites for the controlled release of norfloxacin drug", *Polymer Bulletin*, 77, Springer, 5323–5344, <https://doi.org/10.1007/s00289-019-03015-3>
2. **Pranjali Date**, Archana Tanwar, Priyanka Ladage, Kisan M. Kodam, Divya Ottoor, (2020), "Biodegradable and biocompatible agarose–poly (vinyl alcohol) hydrogel for the

- in vitro investigation of ibuprofen release”, *Chemical Papers*, 74, Springer, 1965–1978, <https://doi.org/10.1007/s11696-019-01046-8>
3. Archana G. Tanwar, **Pranjali B. Date** and Divya P. Ottor, (2019), “In Vitro investigation of controlled release of ciprofloxacin and its  $\beta$ -cyclodextrin inclusion complex from gelatin grafted poly(vinyl alcohol) (gpva) nanoparticles”, *Chemistry Select*, 4, Wiley, 11337–11345, <https://doi.org/10.1002/slct.201901728>
  4. Archana G. Tanwar, **Pranjali B. Date** and Divya P. Ottor, (2020) “ZnO NP incorporated Gelatin grafted polyacrylamide hydrogel nanocomposite for controlled drug release of Ciprofloxacin”, *Colloid and Interface Sci. Communi.*, 42, Elsevier, 100601, <https://doi.org/10.1016/j.colcom.2021.100413>.
  5. **Pranjali Date** and Divya Ottor, (2016), “pH Dependent controlled release of CTAB incorporated dipyrindamole drug from agar-based hydrogel”, *Polym Plast Technol Eng*, 55, Taylor & Francis 403–413, <http://dx.doi.org/10.1080/03602559.2015.1098685>

#### **Resource Person for Conferences /seminar/workshops:**

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

#### **Seminar /Conference/ STTP Attended:**

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

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

**Date:** 03/04/2023



**Name and digital signature**



