



## Profile of the Faculty

### 1. General Information:

Name of the Faculty	:	Dr. Jyotsna Ganesh Pargaonkar
Name of the Department	:	Chemistry
Educational Qualifications	:	M.Sc., Ph.D.
Present Position	:	Assistant Professor of Chemistry
Address for Correspondence	:	Department of Chemistry, Changu Kana Thakur Arts, Commerce and Science College, New Panvel (Autonomous), Plot-No.01, Sector-11, Khanda Colony, New Panvel (W), Dist. Raigad, Maharashtra, India-410206
E-mail	:	jyotsnapargaonkar@gmail.com
Contact Number	:	8104262208
Specialization	:	Organic Chemistry
Total teaching experience	:	14 Years
Courses taught	:	UG- Organic Chemistry , Inorganic Chemistry. PG- Organic Chemistry
Research experience	:	09 years
Number of students registered for Ph.D. degree	:	---
Number of students awarded Ph.D. degree	:	---
Number of students registered for P.G degree by research	:	---
Number of students awarded P.G degree by research	:	---

## 2. Publication of Research Papers:

Peer reviewed journals	:	03
Non-peer reviewed journals	:	--
Conference proceedings	:	--

## List of Publication of Research Papers:

1. **Pargaonkar J.G.**; Patil S. K.; Vajekar S. N. Greener route for the synthesis of photo-and thermochromic spiropyran using a highly efficient, reusable, and biocompatible choline hydroxide in an aqueous medium. *Synthetic Communications*, **2018**, 48 (2), 208-215.
2. **Pargaonkar J.G.**; Patil S. K.; Patil A. B.; Vajekar S. N. Application of Fe<sub>3</sub>O<sub>4</sub> as a magnetic nanocatalyst in the synthesis of photochromic spironaphthoxazines. *Research Journal of Chemistry and Environment*, **2020**, 24 (6), 61-69.
3. **Pargaonkar J.G.**; Gaikwad S. L.; Gaikar P. S. Binderless synthesis of nanoknotnet-like cobalt oxide for supercapacitor application. *Materials Today: Proceedings*, **2020**, 43(4), 2663-2667.

## 3. Minor Research Project ongoing : As Principal Investigator

Title of the project	Date of sanction	Duration	Grant received	Funding agency
A detailed and systematic study of nanostructures for toxic gases applications	Date of Sanction: 24-12-2022 Ongoing	01 year	Rs. 1,00,000/-	RUSA

## 4. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper	Only attended
International	--	03
National	03	09
State	--	02
University	01	--

**5. Experience on the various committees at the college**

- Member, Science Association - 04 years
- Member, RUSA Cell Committee (2022-23 to till date)
- Member, Cultural Committee - 03 years
- Member, Alumni Association (2012-13 to till date )
- Member, Women Development Cell ( 2021-2022 to till date)
- Member, Career Fair - 03 Years
- Member, Board of Studies Committee (2019-20 to till date)

**6. Experience on the NAAC/ IQAC of the college**

- Member, Criterion IV- Infrastructure and learning resources (2022-23 to till date)