



Profile of the Faculty

1. General Information:

Name of the Faculty	:	Ms. Jyotsna G.Pargaonkar
Name of the Department	:	Chemistry
Educational Qualifications	:	M.Sc. Chemistry
Present Position	:	Assistant Professor
Address for Correspondence	:	A-94/9, Sector-13, CIDCO Colony New Panvel
E-mail	:	Jyotsnapargaonkar@gmail.com
Contact Number	:	9076061830
Specialization	:	Organic Chemistry
Total teaching experience	:	11 years
Courses taught	:	F.Y.B.S. , S.Y.B.Sc. and M.Sc.
Research experience	:	7 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: 03

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

1. List of Publication of Research Papers: 03

a) Vajekar*, S. N.; Pargaonkar J. G.; Patil, S. K. 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.

<https://doi.org/10.1080/00397911.2017.1395053>

b) Vajekar*, S. N.; Pargaonkar, J. G.; Patil A. B.; Patil, S. K. Application of Fe₃O₄ as a magnetic nanocatalyst in the synthesis of photochromic spironaphthoxazines. *Research Journal of Chemistry and Environment*, 2020, 24 (6), 61-69.

https://www.researchgate.net/publication/341713247_Application_of_Fe_3_O_4_as_a_magnetic_nanocatalyst_in_the_synthesis_of_photochromic_spironaphthoxazines

c) Sanjay L. Gaikwad, Ankita P. Angre, Jyotsna G. Pargaonkar. Binderless synthesis of nanoknotnet-cobalt oxide for supercapacitor application. *Materials Today : Proceedings* 2020.

3. Books authored: 01

International Publisher	:	
National Publisher	:	01
Chapter in edited book	:	-
Edited book by International publisher	:	-
Edited book by National publisher	:	-

4. List of Books authored: 1.

5. Major Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
-	-	-	-	-

6. Minor Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
-	-	-	-	-

7. Patents:

Status	National	International
Applied	-	-
Granted	-	-

8. List of patents:

9. Membership:

10. Consultancy service provided and Revenue generated:

11. Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Place	Duration	Sponsoring Agency
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Orientation Course	-	-	-
Refresher Course	-	-	---
Refresher Course	-	-	-
Short Term Course	-	-	-

12. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper	Only attended	Chaired session	Resource person
International	-	01	-	-
National	-	07	-	--
State	-	05	-	-
University	-	03	-	-

13. Conferences, symposia, seminars and workshops organized as convener/co-convener:

Level	Convener	Co-convener
International	-	-
National	-	-
State	-	-
University	-	-

14. Experience on the various committees at the college

- a) Science Association
- b) Cultural Committee
- c) Alumni Association
- d) Avishkar Research Convention

15. Experience on the NAAC/ IQAC of the college

16. Experience on the Various Committees at the University of Mumbai / Government

17. Awards/recognitions received :

Level	Title	Year	Awarding agency
International	-		
National	--		
State	-		
University	-		

