



Profile of the Faculty

1. General Information:

Name of the Faculty	:	Dr. Sapana Mukund Chilate
Name of the Department	:	Chemistry
Educational Qualifications	:	M.Sc., Ph.D.
Present Position	:	Assistant Professor in 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	:	sapanamchilate@gmail.com
Contact Number	:	9021012439
Specialization	:	Analytical Chemistry
Total teaching experience	:	8 Years
Courses taught	:	UG- Analytical Chemistry PG- Analytical Chemistry
Research experience	:	8 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	:	---
Non-peer reviewed journals	:	03
Conference proceedings	:	02

List of Publication of Research Papers:

1. Adsorption of methylene blue dye on surface modified activated carbon.

Takute Sapana¹, Singh Shripal^{*2}&Yenkie M.K.N.³

2. Removal of malachite green from aqueous solution by activated carbon prepared from almond shell.

Takute Sapana¹, Singh Shripal^{*2}&Yenkie M.K.N.³

3. “Characterization and removal of priority organic pollutant phenol through adsorption process from aqueous waste using almond shell based activated carbon”.

SapanaChilate^{1*}, Shripal Singh², M.K.N. Yenkie³

National e-conference on Pollution and its Impact on Universal Health, 2020

ISBN: 978-93-5437-087-8 (Print edition)

E-ISBN: 978-93-5445-285-7 (Online edition)

4. Adsorption of Fluoride ions on Alum Impregnated Activated Carbon.

SapanaChilate^{1*}, Archana Bhagwat¹, Shripal Singh², M.K.N. Yenkie³

Published in Journal of Advanced Scientific Research, ISSN 0976-9595

5. Adsorption Kinetic Study of Priority organic pollutant phenol from aqueous waste using Activated carbon.

3. Minor Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
Adsorption Study of fluoride ions on alum impregnated activated carbon	Date of Sanction: 10-10-2020 Date of Submission: March 2019	01 year	Rs. 30,000/-	University of Mumbai
	Date of Sanction: 24-12-2022	01 year	Rs. 1,00,000/-	RUSA

4. Membership:

- Member, Science Association Cell
- Member, Innovation, Incubation and Entrepreneurship.
- Co-ordinator: M.Sc. Analytical Chemistry (2022 till date)
- Member, IQAC (2022 till date)

5. Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	Academic Staff College, University of Mumbai, Mumbai	18/01/2021 to 08/02/2021	RUSA Sponsored
Refresher Course	Teaching Learning Centre Ramanujan College New Delhi.	22/05/2023 to 5/06/2023	Ministry of Education (Government of India)

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

Level	Presented paper	Only attended
International	----	----
National	01	01
State	01	01
University	----	----

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

Level	Convener	Co-convener
National	----	----
College	----	01

8. Experience on the various committees at the college

- Member, Science Association Cell (2022 till date)

- Member, Innovation, Incubation and Entrepreneurship. (2022 till date)
- Co-ordinator: M.Sc. Analytical Chemistry (2022 till date)
- Member, IQAC (2022 till date)

9. Experience on the NAAC/ IQAC of the college

- Member, Criteria I-Curricular Aspects (2019 to 2022)
- Member, Criterion II-Teaching Learning and Evaluation (2022 to till date)