Profile of the Faculty

1. General Information:

Name of the Faculty	:	Ms. Shaheen Abdul Rasheed Shaikh
Name of the Department	:	Chemistry
Educational Qualifications	:	M.Sc., SET, GATE
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	:	shaikhshaheen244@gmail.com
Contact Number	:	8446298166
Specialization	:	Organic Chemistry
Total teaching experience	:	6 Years
Courses taught	:	PG- Coordinator
Research experience	:	03 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	**:**	06
Non-peer reviewed journals	**:**	-
Conference proceedings	**:**	Nil

List of Publication of Research Papers:

1. Bimetallic $CoCeO_2$ oxide nanoparticles: An efficient and reusable heterogeneous catalyst for synthesis of 2-amino-3-cyano-4H-pyran derivatives, **S.A. Shaikh**, V.S. Kamble, R.H. Gupta, A.G. Awale, S.T. Salunkhe, B.D. Aghav*****, *Journal of Heterocyclic Chemistry*, (2023) 60:1004–1013.
2. Efficient Synthesis of Xanthenediones Using $CuCeO_2$ Nanoparticle Catalyst in Aqueous Medium, **S.A. Shaikh**, V.S. Kamble, S.T. Salunkhe, S.K. Patil, and B.D. Aghav*****, *Organic Preparations and Procedures International* (2023).
3. Microwave-assisted synthesis of xanthene derivatives using CeO_2 nanoparticles as an efficient catalyst in an aqueous media, **S.A. Shaikh**, V.S. Kamble, S.T. Salunkhe, B.D. Aghav*, *Russian Journal of Organic Chemistry*, (2022) (Accepted)
4. Improved toxic NO_2 gas sensing response of Cu-doped ZnO thin-film sensors derived by simple co-precipitation route, V.S. Kamble, R.K. Zemase, R.H. Gupta, B.D. Aghav, **S.A. Shaikh**, J.M. Pawara, S.K. Patil, S.T. Salunkhe, *Optical Materials*, 131 (2022), 112706.
5. X-Ray Diffraction Studies for the Determination of Crystallite Size of ZnO Nanoparticles: Scherrer Formula and Williamson-Hall Plot Approach, B.D. Aghav, V.S. Kamble, **S.A. Shaikh**, J.M. Pawara and S.T. Salunkhe, *Indian Journal of Natural Sciences,* Vol.13, Issue 73, (2022), 46466-46470.
6. A green and efficient one-Pot Synthesis of Polyhydroquinoline Derivatives Catalyzed By Ammonium Chloride Under Aqueous Media, B.D. Aghav, **S.A. Shaikh**, N. Roy and K.N. Vidhate, *Vidyabharati International Interdisciplinary Research Journal,* Special Issue of National E-Conference on Role of Nanotechnology for Sustainable Future, 2021 p. 1-6.

3. Minor Research Project Completed: As Co-Investigator

Title of the project	Date of sanction	Duration	Grant received	Funding agency
Preparation, characterization and use of metal doped ceria and ceria nanoparticles in the synthesis of heterocyclic compounds	Date of Sanction: 10-10-2020 Date of Submission: March 2022	01 year	Rs. 1,00,000/-	RUSA

4. Membership:

- Life Member, Interdisciplinary symposium of material chemistry (ISMC)

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

Level	Presented paper	Only attended
International	01	01
National	02	02
State	01	01

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

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

7. Experience on the various committees at the college

- Member, Avishkar Research Convention Committe (2018-19 to till date)
- Member, RUSA Cell Committee (2022-23 to till date)
- Member, Board of Studies Committee (2019-20 to till date)

8. Experience on the NAAC/ IQAC of the college

- Member, Criterion VI-Governance Leadership Management (2022-23 to till date)