

Bio-Data

1. Full Name : Dr. Bagul Shanabhau Damu
2. Contact Information: Department of Physics, Pratap College, Amalner
3. Designation: Assistant Professor



E-mail: s.bagul@yahoo.co.in

Telephone No: -----

Mobile: 9518792766

4. Education/Qualification: M.Sc. Physics, NET, SET, Ph.D.
5. Teaching Experience : 13 years 2 months
6. Area of Research/Expertise: Material Science and Nanomaterials
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7. Awards/Fellowships/prizes received:

Best Paper Award --NIL

Best Teacher Award. -- NIL

Best Paper Presentation Award. NIL

8. Number of Ph.D. Students Completed (with name): -- (Completed) -- (Submitted)

Sr. No.	Name of the student	Guide/ Co-guide	Topic of research	Date of registration	Date of declaration of Ph.D. degree
1	NIL	NIL	NIL	NIL	NIL
2					

9. Number of Ph.D. students ongoing (with name). 02

Sr. No.	Name of the student	Guide / Co-Guide	Topic of research	Date of registration
1	Mr. Nitesh Sevakram Koche	Guide	Preparation, studies and application of nanostructured perovskites	May-2023
2	Mr. Ujwalkumar Dadaji Patil	Guide	Detection of toxic environmental pollutions by using sensor based on metal oxide composites	May-2023

10. Number of M. Phil. Students completed (with name):

NIL
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11. Number of Books/Book Chapters Written :

Book Chapters (International):

NIL

12. Number of Patents: (Published).

NIL

13. Number of research papers published: 7

Publication Type	#Papers
Book Chapters	
International Journals	8
National Journals	
International Conference Proceedings	
National Conference Proceedings	

Presented/Abstract	2
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Journals:

International Journals:

- [1] **Shanabhau BAGUL**, Dhanashri PATIL, Priyanka PATIL and Lalchand PATIL, Nanocrystalline CdSnO₃ Based Room Temperature Methanol Sensor, Sensors & Transducers, **211**, 4, 23-31 (2017).
- [2] **Shanabhau BAGUL**, Dhanashri PATIL, Priyanka PATIL and Lalchand PATIL, Synthesis of Nanocrystalline CdSnO₃ Powder on Large Scale by Simple Wet-chemical Route and CdSnO₃ Thick Film Based Sensors for NO₂ Sensing, Sensors & Transducers, **211**, 4, 32-37 (2017).
- [3] **S. D. Bagul**, D. G. Patil, P. C. Patil, M. G. Tambat, M. S. Patil, and L. A. Patil, Ultrasonically Prepared Ruthenium Doped Nanostructured ZnSnO₃ Thin Film Based Sensors for Dimethyl-Methyl-Phosphonate Sensing, Sensor Letters 15, 811-821, (2017).
- [4] **S D Bagul**, D G Patil, L A Patil, Room temperature DMMP sensor based on nanocrystalline TiO₂ thin films prepared by fine mist generated from ultrasonic atomizer, Sensor Letters 16, 6, 436-444 (2018).
- [5] **Shanabhau Damu Bagul**, Dhanashree Gajanan Patil and Lalchand Avachit Patil, DMMP Sensing Performance of Undoped and Al Doped Nanocrystalline ZnO Thin Films Prepared by Ultrasonic Atomization and Pyrolysis Method, J Nanostruct 7(4) 309-322 (2017).
- [6] Dhanashri Gajanan Patil, Vinita Vikas Deo, **Shanabhau Damu Bagul**, Priyanka Ashok Patil, Prabhakar Sandu Sonawane, Madhav Sitaram Wagh, Dimethylamine Controlled Sol-Gel Process to Grow ZnO Nanorods, J Nanostruct 8(1) 11-20 (2018).
- [7] DG Patil, **SD Bagul**, PS Sonawane, LA Patil and MS Wagh, Room Temperature Synthesis of Monodisperse ZnO Nanoparticles Using Ultrasonically Atomized Precursor Mist in Simple Chemical Route, Int J Nanotechnol Nanomed, 4, 1-8 (2019).
- [8] Sagar A. More, Rajendra G. Halor, Meer Bushra, Raees Shaikh, **Shanabhau D. Bagul**, Vasant Sathe, Sanjay S. Ghosh, Study of step annealing method and the effect on optical, structural, morphological and transport properties of CH₃NH₃PbI₃, Synthetic Metals, 287, 117081 (2022).

National Journals:

Proceedings of International Conferences:

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Proceedings of National Conferences:

1. Attended National Conference “**National conference on Nanostructures and Nanomaterials (NCNN-2012)**” conducted at UDCT, NMU, Jalgaon in 2012.
2. Presented paper in national conference NAMRAMAN at M J College Jalgaon, 2020.

14. Research project completed (with name of funding agency, amount sanctioned and year of completion).

Name of Investigator	Title of Project	Duration	Amount Sanctioned	Funding Agency
NIL	NIL	NIL	NIL	NIL

15. Memberships:

Sr. No.	Name of Institution/Society	Grade of Membership
	NIL	NIL

16. Administrative Work experience: NIL

17. Working experience with national bodies/national exposures: NIL

18. Working experience with international bodies/international exposures: NIL

19. Leadership experience: NIL

20. Serving on Editorial Boards: NIL

21. Invited Lectures/Session Chair (Last 2 Year):

1) NIL

22. Contribution to Department:

Teaching-learning-evaluation process: Yes

23. Contribution to University

Paper Setting, Evaluation etc.: Yes

Working as BOS Member in Physics at KBCNMU Jalgaon