

Shri Pundlik Maharaj Mahavidyalaya Nandura, Dist Buldana
Faculty Profile

1. Name : **Dr. Mahesh Bhivaji Muluk**
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Malkapur Road, Nandura Dist: Buldana.
3. Phone no. / Cell no. : +91-8605554996
- 4 E-mail address : mulukmahesh1991@gmail.com
5. Designation : Assistant Professor
6. Date of Appointment : 21/09/2019
7. Department : Chemistry
8. Date of birth : 5th January 1991
9. Caste : SEBC (MARATHA)
10. Area of Specialization: Drug & Organic chemistry.
11. Academic Qualification: M.Sc., CSIR-UGC NET-JRF, GATE, Ph.D.



Examination	Board/University	Subject Specialization	Year of Passing	Division/Grade/ Merit/Rank
Bachelor's Degree	Dr. B. A. M. University Aurangabad	Chemistry, Botany, Zoology	June 2011	A
Masters degree	Dr. B. A. M. University Aurangabad	Drug Chemistry	June 2013	A++
CSIR-UGC NET-JRF	CSIR-UGC Delhi	Chemical Science	June 2013	AIR-77
CSIR-UGC NET-JRF	CSIR-UGC Delhi	Chemical Science	Dec 2013	AIR-89
CSIR-UGC NET-JRF	CSIR-UGC Delhi	Chemical Science	June 2014	AIR-83
GATE	IIT-Kharagpur	Chemistry	Mar 2014	AIR-214
PhD	Dr. B. A. M. University Aurangabad	Organic Chemistry	Jan-2020	-

12. Awards:

- CSIR-UGC Sponsored Junior Research Fellow award Dec 2013.
- CSIR-UGC Sponsored Senior Research Fellow award Dec 2015.

13. Research Experience : 5 years

a. Publishing Research Papers

1. Synthesis, antimicrobial activity and molecular docking study of formyl naphthalenyloxymethyl-triazolyl-N-phenylacetamides, **Mahesh B. Muluk**, Sambhaji T. Dhumal, Pramod S. Phatak, Naziya N. M. A. Rehman, Prashant P. Dixit, Prafulla B. Choudhari, Ramrao A. Mane and Kishan P. Haval, *J. Heterocycl. Chem.*, **2019**, 56, 2411-2418. DOI:10.1002/jhet.3568. (Impact Factor: 1.241, Wiley Publication).

2. Synthesis, Anticancer and Antimicrobial Evaluation of New (*E*)-*N'*-Benzylidene-2-(2-ethylpyridin-4-yl)-4-methylthiazole-5-carbohydrazides, **Mahesh B. Muluk**, Sambhaji T. Dhumal, Naziya N. M. A.Rehman, Prashant P. Dixit, Prafulla B. Choudhari, Kiran R. Kharat and Kishan P. Haval, *ChemistrySelect*, **2019**, 4(31), 8993-8997.DOI:10.1002/slct.201902030 (**Impact Factor: 1.716, Wiley Publication**).
3. Synthesis, antimicrobial and antioxidant activities of new pyridyl and thiazolyl bearing carbohydrazides, **Mahesh B. Muluk**, Pramod S. Phatak, ShriramPawar, Sambhaji T. Dhumal, Naziya N. M. A.Rehman, Prashant P. Dixit, Prafulla. B. Choudhari and Kishan P. Haval, *J. Chin. Chem. Soc.*,**2019**, In press. (Impact Factor: **1.188, Wiley publication**).
4. Synthesis, anticancer and antimicrobial evaluation of new pyridyl and thiazolyl clubbed scaffolds, **Mahesh B. Muluk**, Ubale Akash, Sambhaji T. Dhumal, Naziya N. M. A.Rehman, Prashant P. Dixit, Prafulla B. Choudhari, Kiran R. Kharat and Kishan P. Haval, *Synth. Commun.*, **2019**, In Press. DOI:10.1080/00397911.2019.1692870. (**Impact Factor: 1.439, Taylor & Francis Publication**).

b. Conference attended

- First prize in Poster Presentation of national conference on, “Recent Challenges in Advanced materials and Green Chemistry” organized by Dr. Babasaheb Ambedkar Marathwada University Sub-Campus, Osmanabad. (28-29 December, 2015).
- Participated in the national conference entitled, “Latest Trends in Fundamental Research” in association with the RSC- West India Section, organized by the School of Chemical Sciences, Solapur University, Solapur on Saturday, 21st Feb, 2015.
- Participated in One Day National level workshop on “Filling of submitting online AQAR” organized by Internal Quality Assurance cell in collaboration with IQAC Cluster India on 27/12/2019.

14 Teaching Experience

Course Taught	Name of the University/ College/ Institution	Duration
PG	Department of Chemistry Dr. Babasaheb Ambedkar Marathwada University SubCampus Osmanabad	06 Month

15 Technical Skills

- ❖ Multistep synthesis of organic molecules.
- ❖ Structural elucidation of compounds by IR, ¹H NMR, ¹³C NMR and Mass spectroscopic analysis techniques.
- ❖ Awareness of Scifinder Database, Well versed with the use of Chem draw.