

**Shri Pundlik Maharaj Mahavidyalaya Nandura, Dist Buldana**  
**Faculty Profile**  
**Department of Chemistry**

1. Name : **Mr. AMOL SHRINIVAS NIPATE**
2. Address (residential) : Mandar Nivas, ward No 8,  
Malkapur Road, Nandura Dist: Buldana.
3. Phone no. / Cell no. : +91-8275941150
4. E-mail address : amolnipse1992@gmail.com
5. Designation : Assistant Professor
6. Date of Appointment : 21/09/2019
7. Department : Chemistry
8. Date of birth : 30 May 1991
9. Caste : SEBC (MARATHA)
10. Area of Specialization: Organic chemistry.
11. Academic Qualification: M.Sc., CSIR-UGC NET-JRF, GATE,



<b>Examination Passed</b>	<b>Board/University</b>	<b>Subject Specialization</b>	<b>Year of Passing</b>	<b>Division/Grade/Merit/Rank</b>
Bachelor's Degree	Dr. B. A. M. University Aurangabad	Chemistry, Botany, Com. Science	June 2012	A+
Masters degree	Dr. B. A. M. University Aurangabad	Organic Chemistry	June 2014	A+
CSIR-UGC NET-JRF	CSIR-UGC Delhi	Chemical Science	June 2016	AIR-55
GATE	IISC -Bangalore	Chemistry	Jan 2016	

**12. Awards:**

- CSIR-UGC Sponsored Junior Research Fellow award Feb-2017.
- CSIR-UGC Sponsored Senior Research Fellow award Feb-2019.

**13. Research Experience : 2 years 6 month**

**a. Publishing Research Papers**

1. "Ultrasound-assisted Synthesis of Novel Pyrazole and Pyrimidine Derivatives as Antimicrobial Agents" (Vidya S. Dofe, Aniket P. Sarkate, Zarina M. Shaikh, Chetan K. Jadhav, **Amol S. Nipate** and Charansingh H. Gill *J. Heterocyclic Chem.*, Accepted on September 22, 2017, 10.1002/jhet.3105)
2. "Design, Synthesis and SAR Study of Novel Spiro [Pyrimido[5,4-b]Quinoline 10,50-Pyrrolo[2,3-d]Pyrimidine] Derivatives as Promising Anticancer Agents" (Asha V. Chate, Sagar P. Kamdi, Amruta N. Bhagat, Chetan K. Jadhav, **Amol Nipate**, Aniket P. Sarkate, Shailee V. Tiwari and Charansingh H. Gill *J. Heterocyclic Chem.*, Accepted on February 9, 2018, 10.1002/jhet.3286)

3. "A study of method development and validation for estimation of Azelastine hydrochloride in nasal spray formulations by RP-HPLC method" (Charansingh H. Gill, Pankaj N. Kulkarni, **A. S. Nipate**, C. K. Jadhav, Asha V. Chate, Alaknanda M. Dodake-Supekar, *Journal of Drug Delivery & Therapeutics*, Accepted on 07 Dec 2018, 2017, 10.22270/jddt.v8i6-s.2222)
4. "β-Cyclodextrin catalyzed access to fused 1,8-dihydroimidazo[2,3-*b*]indoles via one-pot multicomponent cascade in aqueous ethanol: Supramolecular approach toward sustainability" (**Amol S. Nipate**, Chetan K. Jadhav, Asha V. Chate, Kanchan S. Taur, Charansingh H. Gill *J. Heterocyclic Chem*, Accepted on November 14, 2019, 10.1002/jhet.3828)
5. "Efficient Rapid Access to Biginelli for the Multicomponent Synthesis of 1,2,3,4-Tetrahydropyrimidines in Room-Temperature Diisopropyl Ethyl Ammonium Acetate" ( Chetan K. Jadhav, **Amol S. Nipate**, Asha V. Chate, Vishal D. Songire, Anil P. Patil and Charansingh H. Gill *ACS Omega*, Accepted on December 17, 2019 10.1021/acsomega.9b02286 )

#### **b. Conference attended**

1. Participated in "State Level Science Exhibition" on the occasion of birth anniversary of Late. Vinayakrao Patil organized by Balbhim Arts, Science & Commerce College, Beed, Maharashtra. (**3<sup>rd</sup> September 2011**)
2. Participated in one day workshop on, organized by Balbhim Arts, Science & Commerce College, Beed in Collaboration with Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (**October, 2011**)
3. Participated in three days Science Academies Lecture Workshop on "Fundamental Concepts in Chemical Sciences" Organised by Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (**21-24 March, 2014**)
4. Poster presenter at University level Avishkar-2019 organized by Avishkar Cell, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (**January, 2019**).
5. 106<sup>th</sup> Indian Science Congress International Conference on "Future India: Science and Technology" organized by Lovely Professional University, Phagwara, Jalandar (Panjab), India., (**January 3- 7, 2019**)
6. Participated in one day workshop on, "Awareness Program of Mcgraw Hill E-Books" organized by Knowledge Resource Centre (University library), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (**10<sup>th</sup> January 2019**)
7. Poster presenter at International Symposium on " Exploring New Horizons in Chemical Sciences" organized by the Department of Chemistry, Deogiri College, Aurangabad (MS) India. (**10<sup>th</sup> -12<sup>th</sup> January 2019**)

#### **14 Teaching Experience**

- ❖ Worked as Contributory Teacher (UG level) in Marathwada Shikshan Mandal's Arts, Commerce, and Science College Kille Dharur, Dist Beed (**2015 - 2016**)
- ❖ **July, 2016 to December, 2018** conducting Practicals, Projects & Lectures of M. Sc. (Organic Chemistry) in Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

## 15 Technical Skills

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