

## FACULTY PROFILE

### PERSONAL DETAILS

- **Name** : DR. NAGESH RAMESH NAHATE
- **Designation** : Assistant Professor
- **Department** : Department of Chemistry, Shri R. R. Lahoti Science College, Morshi  
Dist- Amravati
- **Permanent Address** : At Post: Jalgaon Nahate, Tal. Akot,  
Dist. Akola -444101
- **Contact No.** : (+91) 9881286743
- **Email ID** : [nagesh\\_nahate@rediffmail.com](mailto:nagesh_nahate@rediffmail.com)
- **Date of Birth** : 13/08/1991
- **Date of Joining** : 20/09/ 2019



### ACADEMIC QUALIFICATION

Qualification	University	Subject/Specialization	Year of Passing	Division/Rank
B.Sc.	SGBAU	Chem., Zoo., Bot.	2015	I <sup>st</sup>
M.Sc.	SGBAU	Chemistry (Org. Chem.)	2017	I <sup>st</sup>
NET	CSIR-UGC	Chemical Sciences	2017	43
NET	CSIR-UGC	Chemical Sciences	2018	49
SET	SPPU	Chemical Sciences	2017	-
GATE	IIT	Chemistry	2018	-
Ph.D.	SGBAU	Chemistry	2024	-

- **Research area:** Organic heterocyclic synthesis and their biological estimation.
- **Teaching Experience:** UG- 5years, PG -5 Years  
Assistant Professor in Chemistry at Shri Shivaji Arts, Commerce and Science College, Akot from 20/09/2019 to 31/07/2024.
- **Research Experience:** 6 years

## PROFESSIONAL COURSES

Course	Institute	Duration
Orientation Course	PMMMNMST/ MHRD	04/06/2020 to 01/07/2020
Refresher Course	PMMMNMST/ MHRD	14/07/2021 to 28/07/2021
Refresher Course In Chemistry For Higher Education ARPIT 2020	AICTE MHRD	01/12/2020 to 31/03/2021
Refresher Course- Environmental studies and Sustainable Development (Inter-Disciplinary)	UGC-MMTTP	13/01/2025 to 25/01/2025

## RESEARCH PAPERS PUBLISHED

1. Nahate N.R., Ladole C.A.(2020).Comparative Study of Neutralization Power of Antacids in Pharmaceutical Samples by Acidimetry.*VIIR-NCRACS*. 11(1): 092-095
2. Nahate N.R., Bhandarkar S.E., Khobragade B.P. Development of Pyrazoline as a Pharmacologically Active Molecule: A Review, 2022, JETIR March 2022, Volume 9, Issue 3, 378-387
3. Nahate N.R., Bhandarkar S.E., Khobragade B.P. "Design, Synthesis and Characterization of 1-hydroxy-2-acetonaphthone Derivatives as Precursors for 7,8-benzoflavone Synthesis.", A Proceedings of National Conference on Advances in Physical and Chemical Research (NCAPCR-2023), SGBAU Amravati, March 10-11, 2023, pp.159-161, ISBN:978-93-91590-38-3
4. N. R. Nahate, C. A. Ladole, A. Wajid, "Synthesis and In-Vitro Antimicrobial Studies of Transition Metal Complexes of DPEMPA", IJARSCT, ISSN: 2581-9429, 2023.
5. Nahate N.R., Bhandarkar S.E., Khobragade B.P. "Synthesis Characterization and Antioxidant Activity of 7,8-benzoflavone Derivatives." Biological Forum–An International Journal (BFIJ), Vol. 15, Issue 5a, May 2023, pp. 398-407, ISSN: 2249-3239
6. N. R. Nahate, C. A. Ladole, A. Wajid, "Multicomponent Synthesis of Pyranopyrazoles Using Lanthanum Ferrite as Efficient and Reusable Heterogeneous Catalyst, EJPMR, 2023.
7. Nahate N.R., Bhandarkar S.E., Khobragade B.P., Synthesis and Anti-Inflammatory Activity of Novel 2-Phenyl-4h-Naphtho[1,2-B]Pyran-4-one Derivatives, 2024, JETIR, Volume 11, Issue 7, 792-797.
8. N. R. Nahate, C. A. Ladole, A. Wajid, Thermal & Spectroscopic Investigations of Novel Schiff Base Ligand [1-(2-Hydroxy-1-Naphthyl)Ethanone-4- Nitrobenzenamine] & Their Metal Complexes, IJCESR, ISSN (Print): 2393-8374, (Online): 2394-0697, Volume-11, Issue-9, 2024, 42-46.
9. N. R. Nahate, A. R. Somwanshi, A Mineral Acid Catalyzed Acetalization of Furfural to

Acetals as a Bio-Renewable Fuel Additives, IJCESR, ISSN (Print): 2393-8374, (Online): 2394-0697, Volume-11, Issue-9, 2024, 251-256.

10. N. R. Nahate, A. R. Somwanshi, Isolation and Extraction of Platform Chemical as Syringic Acid from *Dichanthium Annulatum* (Forssk.) Plant and Synthesis of Ester and Amide Derivatives, AIIRJ, ISSN: 2349-638x, Special issue no. 138, 2024, 260-262.
11. N. R. Nahate, C. A. Ladole, A. Wajid, Isolation and Extraction of as Ferulic Acid from Medicinally Active *Andrographis Paniculata* Plant and Synthesis of its Analogues. International Journal of Scientific Research in Science and Technology, 12(1), 2025, 338-341. <https://doi.org/10.32628/IJSRST2512131>
12. N.R.Nahate, A. R. Bhumbar National education policy(NEP) 2020 with the National Policy of Education(NPE)1986: A Comparative Approach, Interactions,

#### **BOOKS/BOOK CHAPTERS PUBLISHED**

1. Objective Inorganic Chemistry: Lap Lambert Publication,(Germany) 2021 ISBN:978-620-3-46462-7.
2. Pollution and Remedies for B.Sc.I Sem-I (NEP),Dnyanpath Publication (India), 2024.

#### **PAPER PRESENTED IN CONFERENCES**

1. "Synthesis and Biological Investigation of Benzoflavone, Pyrazoline and Pyrazole Derivatives." National Conference on New Dimensions in Chemistry and Chemistry Education. (NCCT-2019) SGBAU Amravati, Dec.5-7, 2019.
2. "Synthesis and Biological Investigation of Pyrazole Derivatives."5<sup>th</sup> International Conference on Science, Agriculture and Technology for Society (ICSTS-2022) Panjim Goa, June 19-20, 2022.
3. "Synthesis and Biological Investigation of 7,8-benzoflavone Derivatives." National Conference on Current Trends in Chemical Sciences (NCCTCS-2022) SGBAU Amravati, June 27-28, 2022.
4. "Design, Synthesis and Characterization of 1-hydroxy-2-acetonaphthone Derivatives as Precursors for 7,8-benzoflavone Synthesis." National Conference on Advances in Physical and Chemical Research (NCAPCR-2023), SGBAU Amravati, March 10-11, 2023.
5. Isolation and Extraction of Platform Chemical as Syringic Acid from *Dichanthium Annulatum* (Forssk.) Plant and Synthesis of Ester and Amide Derivatives, National Conference on "Multidisciplinary Research and Innovations" at RLT Science College, Akola on 27 September 2024.

#### **CONFERENCES ATTENDED**

1. [NCCT-2019] National conference on "*New Dimensions in Chemistry and Chemistry Education and National Convention of Chemistry Teachers*" at SGBAU Amravati, 5-7 Dec.2019.
2. [NCRACS-2020] National conference on "*Recent Advances in Chemical Sciences* at Shankarlal Khandelwal Arts, Commerce and Science College, Akola,1-2 May 2020.

3. [ICSMAD-2021] Online International conference on “*Smart Materials: Application to Devices -2021*” at Kamla Nehru Mahavidyalaya, Nagpur, 17-18 May, 2021.
4. [ICFM-2024] International Conference on Functional Materials, on March 15th-16th, 2024 at Nabira Mahavidyalaya, Katol.
5. [RAST-2024] National conference on Recent Advances in Science and Technology, Vidya Bharati Mahavidyalay, Amravati, 2024.
6. [NCMRAI 2024] National Conference on “Multidisciplinary Research and Innovations” at RLT Science College, Akola on 27 September 2024.

#### **WORKSHOPS/SEMINARS ATTENDED**

1. [2020] National Seminar (Online) on “Womenin Higher Education: Issues and Challenges During Corona Pandemic”GAD-TLC PMMMNMTT MHRD.
2. [2020] National Seminar (Online) on “e-content Development Methodology Four Quadrant Model, OERs and Copyrights issues”GAD-TLC PMMMNMTT MHRD.
3. [2020] National Seminar (Online) on “Challenges and Opportunities before Indian Higher Education due to Covid-19”GAD-TLC PMMMNMTT MHRD.
4. [2020] National Seminar (Online) on “Towards Excellence in Higher Education in India in the 21<sup>st</sup> Century:Challenges and Opportunities”GAD-TLC PMMMNMTT MHRD.
5. [2019] One day Regional Seminar on “Recent Trends in Chemistry Research”at SSSKR Innani Mahavidyalaya Karanja Lad.
6. [2016] Academia lecture workshop on “Exploring Development in Chemical Sciences”at SGBAU Amravati sponsored by Indian Academy of Sciences Bangalore.

#### **GUEST LECTURE DELIVERED**

1. Delivered Guest Lecture on the “*NMR spectroscopy and Combined spectral problem’s*” 17/10/2018, Shri Shivaji Arts, Commerce and Science College, Akot.
2. Delivered Guest Lecture on the topic “*Retrosynthesis*” 20/03/2019, Shri Shivaji Arts, Commerce and Science College, Akot.
3. Delivered Guest Lecture on the topic “*Kinetic Aspects of Metal Complexes*”27/8/2021, J.D. Patil Sangludkar Mahavidyalaya, Daryapur.
4. Delivered Guest Lecture on the topic “*Crystal Field Theory*” 12/01/2022, J.D. Patil Sangludkar Mahavidyalaya, Daryapur.
5. Delivered Guest Lecture on the topic ‘*Vaysanmukti*’ in NSS camp organized by Brijlal Biyani Science, College, Amravati. 27/3/2022.
6. Delivered Guest Lecture on the topic ‘*NET, SET preparation*’ organized by GVISH Amravati.
7. Delivered Guest Lecture on the topic *NMR spectroscopy* at Shri Shivaji College, Akola 14/03/2024.

#### **MEMBERSHIP**

1. Amravati University Chemistry Teachers Association (AUCTA)
2. Nagpur University Teachers Association (NUTA)

**DECLARATION:** the information given above is true and best to the believe.

**Dr. N. R. Nahate**