

Profile of the Faculty



1. General Information:

Name of the Faculty	:	Dr. Digambar K.Patil
Name of the Department	:	Department of Chemistry
Educational Qualifications	:	M.Sc. Ph.D. (D.T.Ed)
Present Position	:	Assistant Professor
Address for Correspondence	:	D-301, Prayag Akruti CHS, Near Life Care Hospital, Vichumbe gaon, New Panvel, Pin Code-410 206
E-mail	:	dkmrudula980@gmail.com
Contact Number	:	9167907378
Specialization	:	Organic Chemistry
Total teaching experience	:	UG-11 & PG-6
Courses taught	:	F.Y.B.Sc., S.Y.B.Sc., M.Sc.-I, M.Sc.-II
Research experience	:	06
Number of students registered for Ph.D. degree	:	Nil
Number of students awarded Ph.D. degree	:	Nil
Number of students registered for P.G degree by research	:	Nil
Number of students awarded P.G degree by research	:	Nil

2. Publication of Research Papers:

UGC listed journals	:	06
Peer reviewed journals	:	03
Non-peer reviewed journals	:	00
Conference proceedings	:	Nil

3. List of Publication of Research Papers

1. Sunil Sudam Patil , Bhushan Prabhakar Langi , Minakshi Narendra Gurav and **Digambar Kashinath Patil**, Synthesis, Physical and Spectral Investigations and Biological Studies of Mixed Ligand and Lanthanum Complexes, Annals of Rumanian society for cell biology, 10559-10569, , Vol. 25, Issue 4, (2021), ISSN : 1583-6258.
2. Sunil Patil, Bhushan Langi , Minakshi Gurav and **Digambar Patil**, Studies of Mixed Ligand Lanthanum Complexes: Synthesis, Spectral Interpretations and Antibacterial Study, Journal of Pharmaceutical Research International, 161-174, 33(37A), (2021), ISSN: 2456-9119.
3. J.M.Pawara, S.S. Patil, **D.K.Patil**, V.S.Kamble., A Newer Method Developed For The Synthesis Of Diferuloyl Methane And Its Derivatives, International journal of Advanced Research(IJAR), 332-337, 9(02), (2021), ISSN: 2320-5407, Article DOI: 10.21474/IJAR01/12451.
4. Ranade Prasanna B , Navale Dinesh N , Zote Santosh W & **Patil Digambar K**, Synthesis of substituted benzo[e][1,3]oxazino analogs, Indian Journal of Chemistry, 325-327, 61, (2022).
5. Asmitak A. Bhagat, Sunil S. Patil, Bhushan P. Langi, Vishal S. Kamble, **Digambar K. Patil** and Jitendra M. Pawara, Physicochemical, Thermal, Spectral and Biological Investigation of Mixed Ligand Lanthanum Complexes. Indian Journal of Natural Sciences, 45164-45173 ,13(73) (2022) ISSN: 0976 – 0997.
6. Sunil S. Patil, Vishal S. Kamble, **Digambar K.Patil**, Jitendra M. Pawara, Synthesis of Metal Oxide Nanoparticles by Thermal Decomposition of a Ni(II) Complex and its Antimicrobial Activity, Malaysian Journal of Chemistry, 125-131, 24(3), (2022) E-ISSN: 2550-1658.
7. J.M.Pawara, V.S.Kamble, **D.K.Patil**, Community awareness concerning Adulteration of milk, Educreator research journal, 78-82 , Volume IX, Special Issue I (2022) ISSN-E2394-8450.
8. **Digambar K.Patil**, Jitendra M.Pawara, Preparation of mixed ligand complexes lanthanide metal,their characterization and antibacterial activity, Educreator research journal, 183-187, Volume IX, Special Issue I (2022) ISSN-E2394-8450.
9. Sunil Sudam Patil , Bhushan Prabhakar Langi , Minakshi Narendra Gurav and **Digambar Kashinath Patil** “Synthesis, Physical and Spectral Investigations and Biological Studies of Mixed Ligand and Lanthanum Complexes, Annals of Rumanian Cell for Biology , 10559 - 10569 Vol. 25, Issue 4 (2021). ISSN: 1583-6258.

4. Research Paper presentation :

- 1. Digambar K. Patil** “Characterization of Mixed Ligand Lanthanide complexes synthesized from phenylalanine, tyrosine tryptophan and their biological study” International Conference on Emerging Trends in Globalization organized by Reena Mehta college and B.L.Amalani college online mode on 23rd July 2021.
- 2. Digambar K. Patil** “Synthesis Of Mixed Ligand Lanthanide Complexes and Study Of Their Spectral, Thermal Properties And Antibacterial Investigation National Conference on Advancement In Interdisciplinary Research (NCAIR-2021 organized by Amiruddaula Islamia Degree College, Lucknow & Science Tech Institute, Lucknow on online mode on July 29-31 ,2021.
- 3. Digambar K. Patil** “Preparation, Analysis And Study Of Antimicrobial activity Of Mixed Ligand Lanthanum Complexes” International Symposium on “New Trends in Science and Technology (NTST-2021) organized by New Arts, Commerce and Science College Parner, Ahmednagar on online mode on 5 - 6 August 2021.
- 4. Digambar K. Patil** “Synthesis of Mixed Ligand Complexes of Cerium Metal and Determination of Their Physicochemical Properties Along with Their Spectral, Thermal Study and Antibacterial Investigation” in National conference on Recent Advances in Chemical sciences (RACS 2023) organized by Mithibai College of Arts, Chauhan Institute of Science & Amrutben Jivanlal College Of Commerce And Economics on 23rd February 2023.
- 5. Digambar K. Patil** “Synthesis and characterization of mixed ligand complexes of cerium metal and its antimicrobial study in International-E-Conference on “Recent Trends in Chemical Science, Physical Science, Life Science and Computer Technology

(ICRTCPLCT–2023)” organized by Anjuman Islam Janjira’s Anjuman Islam Janjira Degree College of Science on 15th March 2023.

- 6. Digambar K. Patil** “ Preparation, Physical, Spectral and thermal Characterization of mixed ligand Cerium metal complexes along with antibacterial study in International conference on Recent Advances in Chemical sciences (RACS 2023) organized by Sonopant Dandekar College, Palghar on 10th March 2023.

5. Books authored:

International Publisher	:	-----
National Publisher	:	-----
Chapter in edited book	:	
Edited book by International publisher	:	
Edited book by National publisher	:	

6. List of Books authored:

Nil

7. Major Research Project Ongoing:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
Synthesis Of Mixed Ligand Complexes And Study Of Their Physicochemical, Spectral,Thermal Properties	20/01/2021	1 Year	17,000/-	Changu Kana Thakur Arts,Commerce & Science College, New Panvel (Autonomous)

8. Minor Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
Nil	Nil	Nil	Nil	Nil

9. Patents:

Status	National	International
Applied	Nil	Nil
Granted	-----	-----

10. List of patents:-----

11. Membership:

Nil

12. Consultancy service provided and Revenue generated:- Nil

13. Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Place	Duration	Sponsoring Agency
Faculty induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”	Online	One month (4 week)	Changu Kana Thakur Arts,Commerce & Science College, New Panvel (Autonomous)

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

Level	Presented paper	Only attended	Chaired session	Resource person
International	04	01		
National	02	02		
State				
University				

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

Level	Convener	Co-convener
International	Nil	
National	Nil	
State	Nil	
University	Nil	

16. Experience on the various committees at the college

- Member of Innovation, Incubation & Entrepreneurship cell (IIE Cell)
- Member of Student welfare and student council committee.
- Coordinator of Attendance monitoring committee.
- Member of Science association .
- Member of Alumni association.
- Class Teacher of F.Y.B.Sc. Chemistry subject.

17. Experience on the NAAC/ IQAC of the college

Internal Quality Assurance Cell Criteria IV (Member)

18. Experience on the Various Committees at the University of Mumbai / Government
-Nil

19. Awards/recognitions received:

Level	Title	Year	Awarding agency
Nil	Nil		
Nil	Nil		
Nil	Nil		