

Profile of the Faculty



1. General Information:

Name of the Faculty	:	Dr Hemangini Shah
Name of the Department	:	Chemistry
Educational Qualifications	:	Ph.D
Present Position	:	Assistant Professor
Address for Correspondence	:	3 Ravikiran building, Shantiniketan society, Chinchpada, Pen
E-mail	:	hemanginishah01@gmail.com
Contact Number	:	7383130680
Specialization	:	Organic Chemistry
Total teaching experience	:	4 years
Courses taught	:	Organic, Inorganic and Physical chemistry
Research experience	:	4 yrs
Number of students registered for Ph.D. degree	:	-
Number of students awarded Ph.D. degree	:	-
Number of students registered for P.G degree by research	:	-
Number of students awarded P.G degree by research	:	-

2. Publication of Research Papers:

UGC listed journals	:	5
Peer reviewed journals	:	5
Non-peer reviewed journals	:	
Conference proceedings	:	

3. List of Publication of Research Papers:

- 1) Review on Calix[4]Pyrrole: A versatile receptor
Hemangini Shah, Keyur D. Bhatt*
Adv. Org. Chem. Lett. Jan-2019, Pg no: 1-1 2

- 2) Calix[4]pyrrole virtuous sensor: A selective and sensitive recognition for Pb(II) ion by spectroscopic and computation study
Hemangini D. Shah, Keyur D. Bhatt, Krunal M. Modi, Moksha B. Narechania and Chirag Patel
 Supramolecular Chemistry, Jan 2019, Vol 31, No 4, 268-282
- 3) Synthesis and Application of novel Supramolecule based Azocalix[4]pyrrole dye as antimicrobial and dyeing agent.
Hemangini Shah, Keyur D. Bhatt
 IJRAR August 2018, Volume 5, Issue 3
- 4) Novel calix[4]pyrrole assembly: Punctilious recognition of F⁻ and Cu⁺² ions.
Hemangini Shah, Keyur D. Bhatt, Krunal M. Modi, Manthan Panchal, V.K. Jain
 Journal of Molecular Structure. Dec 2017, Volume 1149, pg no 299-306
- 5) A switch-off fluorescence probe towards Pb(II) and cu(II) ions based on a calix[4]pyrrole bearing amino-quinoline group
Hemangini D. Shah, Keyur D. Bhatt, Manthan Panchal
 Luminescence. March 2017, pg no 1398-1404
- 6) Turn-on fluorescence probe for selective detection of Hg(II) by calix pyrrole hydrazide reduced silver nanoparticle: Application to real water.
 Keyur D. Bhatt, **Hemangini shah**, Disha J vyas, V.K. Jain
 Chinese Chemical Letters, May 2016, pg no 731-737

4. Books authored:

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

5. List of Books authored:

6. Major Research Project Completed:

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

7. Minor Research Project Completed:

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

8. Patents:

Status	National	International
Applied		
Granted		

9. List of patents:

10. Membership:

11. Consultancy service provided and Revenue generated:

12. Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course			
Refresher Course			
Refresher Course			
Short Term Course			

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

Level	Presented paper	Only attended	Chaired session	Resource person
International	3			
National	5	1		
State				
University				

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

Level	Convener	Co-convener
International		
National		

State		
University		

15. Experience on the various committees at the college :Conference proceedings Committee, Discipline Committee

16. Experience on the NAAC/ IQAC of the college

17. Experience on the Various Committees at the University of Mumbai / Government

18. Awards/recognitions received :

Level	Title	Year	Awarding agency
International			
National	Best poster presentation: Calix(4)Pyrrole Virtuous Sensor a Selective and Sensitive Recognition For Pb(II) Ions by spectroscopic and Computational Analysis	2020	K.L.E Institute
State			
University			