

Name of the faculty: Prin. Dr. D. F. Shirude



<b>Designation</b>	Associate Professor, Principal			
<b>Name of the department</b>	Chemistry			
<b>E-mail</b>	dineshfshirude@gmail.com			
<b>Qualification</b>	M. Sc. Ph.D.			
<b>Administrative Experience :</b> <ol style="list-style-type: none"><li>1. Worked/working as- Principal</li><li>2. Trustee of Mahatma Gandhi Vidyamandir, Nashik</li></ol>				
<b>Representation on Academic / Administrative bodies / Member of organizational bodies:</b> Worked/working as- <ol style="list-style-type: none"><li>1. Member of BoS, SPPU Pune University from 2008 to 2012.</li><li>2. Member of organizational bodies.</li></ol>				
<b>Teaching Experience: 34 Years</b>				
<b>Awards / Recognitions:</b> <ol style="list-style-type: none"><li>1. An awarded as Ideal Teacher by Rotary Club of Malegaon in 2010.</li><li>2. Awards for Good Activities in NSS in 2011-2012 by SPPU.</li><li>3. Dev Mamledar Yeshavantrao Maharaj Satana Best Teacher Awards in 2014.</li><li>4. Kavivarya Narayan Surve Sarvajanic Vachanalay, Nashik “Kranti Jyoti Savitribai Phule Best Teacher Award” on date 23 Jan. 2017.</li><li>5. Rotary Club of Malegaon mid Town Nation Builder Award in 2022.</li><li>6. An appreciation by Mahatma Gandhi Vidyamandir Organisation for Patent publication in the Academic Year 2022-23.</li><li>7. Best Principal Award by Mahatma Gandhi Vidyamandir on 2<sup>nd</sup> Oct. 2023.</li></ol>				
<b>Patent / Copyright</b> <ol style="list-style-type: none"><li>1. As an author, Copyright of a Patent published</li></ol>				
<b>Research paper published</b>				
Sr. No.	Title with page Nos.	Journal	ISSN/ ISBN No.	Author Type
1	Densities, Viscosities, and Speed of Sound Studies of Binary Mixtures of Methylbenzene with Heptan-1-ol, Octan-1-ol, and Decan-1-ol at (303.15 and 313.15)K	Journal of Chemical and Engineering Data	10.1021/je-0602519	Main Author
2	Densities, Viscosities, and Ultrasonic velocity studies of binary mixtures of toluene with heptan-1-ol, octan-1-ol, and decan-1-ol at 298.15 and 308.15 K	Journal of Molecular Liquids International	0167-73322	Main Author 0167-73322
3	Densities, Viscosities, and Ultrasonic velocities of binary mixtures of methylbenzene with hexan-2-ol, heptan-2-ol, and octcan-2-ol at T=298.15 and 308.15 K	FLUID PHASE EQUILIBRIA International	0378-3812	Main Author

4	Densities, Viscosities, and Ultrasonic velocities of binary mixtures of n-Butyl Acetate with Methanol at T=298.15 and 308.15 K	Recent Advances in Thermodynamic Research	0021-9614	Main Author
5	Densities, Sound Speed, and IR Studies of (Methanol + 1-Acetoxybutane) and (Methanol + 1,1-Dimethylethyl Ester) at (298.15, 303.15, 308.15 and 313.15) K	Journal of Chemical and Engineering Data.	10.1021/je900442b	Main Author
6	Densities, Viscosities, Speeds of Sound, FT-IR and <sup>1</sup> H-NMR Studies of Binary Mixtures of n-Butyl Acetate with Ethanol, Propan-1-ol, Butan-1-ol and Pentane-1-ol at T=298.15, 303.15, 308.15 and 313.15 K	J Solutions Chem. 2011	1.6 (2022)	Main Author
7	Densities, Viscosities and Speed of Sound Studies of Binary Mixtures of Methyl Benzene with Heptan-1-ol and Decan-1-ol at 303.15 and 313.15 K	Journal of Chemical and Engineering data	0021-9568	Main Author
8	Densities, Viscosities, Speed of Sound and IR Spectroscopic Studies of Binary Mixtures of Ter-Butyl Acetate with Fluorobenzene at 303.15 and 313.15 K and ATM. Pressure 0.087 Mpa.	JETIR 2020	2349-5162	Main Author
9	An innovative Approach towards effective teaching: Microteaching	Ajanta Prakashan Aurangabad; 2019	2277-5730	Author
10	New Perspectives in teaching And Learning Methods.	Ajanta Prakashan Aurangabad; 2019	2277-5730	Author
11	Synthesis and characterization of TiO <sub>2</sub> Nanoparticles	Ajanta Prakashan Aurangabad; 2019	2277-5730	Main Author
12	Medicinal Properties of Schiff bases and metal complexes: A Review	International Journal of Current Advanced Research in 2021	2456-8937	Main Author
13	Densities and Ultrasonic Studies of Binary Mixtures of (ortho-, meta- and para-) Xylenes with Pentan-1-ol at Different Temperatures (298.15, 303.15, 308.15 and 313 k)	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) in 2022.	2319-8753	Main Author

**Conferences/Seminars/ Workshop organized / attended**

<b>Sr. No</b>	<b>Participant\ Paper presentation</b>	<b>Topic</b>	<b>National\ International\ State level\ Regional etc.</b>	<b>Venue&amp; Date</b>
1.	Participant	Thermodynamics of Chemical and Biological System	National	Amritsar 28/12/2005 to 30/12/2005
2.	Participant	Workshop on Revision of SYBSc Syllabus in Chemistry	Regional	M. S. G. College, Malegaon 30/12/2002
3.	Paper presented	Thermodynamics of Chemical and Biological System	National	Veer Narmada South Gujarat University, Surat
4	Participant	Teacher Training program for FYBSc Chemistry new Syllabus	Regional	Nawrosjee Wadia College, Pune
5	Participant	Green Chemistry and Environmental Pollution	National	SSVPS College, Dhule 16/01/2010 to 17/01/2010
6	Participant	Higher Education Decade Next	State Level	Sardar Patel Mahavidyalay Chandrapur
7	Participant	Environmental Crisis	State Level	Smt. Pushpatai Hiray Arts, Science and Comm. College, Malegaon-Camp
8	Participant	Workshop on NEP 2020	University	Manashakti Resource Centre, Lonavala
9	Participant	Policy and Water Management	State Level	MGV Arts, Science and Comm. College, Manmad

Sr. No	Name of Faculty	Resource person\ Participant\ Paper presentation	Orientation\ Refresher / Short Term Course	Venue	Date
1.	Dr. D. F. Shirude	Participant	Orientation Course	University of Mysore	5/3/1993 to 1/4/1993
2.	Dr. D. F. Shirude	Participant	Refresher Course	Himachal Pradesh University Shimla	25/7/1994 to 13/8/1994
3.	Dr. D. F. Shirude	Participant	Refresher Course	Mangalore University	17/10/2002 to 8/11/2002
4.	Dr. D. F. Shirude	Participant	Refresher Course	University of Pune	29/10/2003 to 18/11/2003
5.	Dr. D. F. Shirude	Participant	Paradigms of Innovations for Students Centric Higher Education	Smt. Pushpatai Hiray Arts, Science and Comm. College, Malegaon-Camp	20/02/2023 to 22/02/2023
6.	Dr. D. F. Shirude	Resource Person	“Introduction to Research Methodology Programme”	Mahatma Gandhi Vidyamandir’s Maharaja Sayajirao Gaikwad Arts, Science and Commerce College Malegaon Camp	06.09.2022
7.	Dr. D. F. Shirude	Resource Person	“Overview of Ph. D. Research Methodology Programme”	Mahatma Gandhi Vidyamandir’s Maharaja Sayajirao Gaikwad Arts, Science and Commerce College Malegaon	19.09.2022

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**Patent:**

Title	Type & Date of Reg.	Design No.	Date of Issue	Patent Office
Detection And Sorting Technique For Rotten Onion Using Digital Image Processing Through IOT	2022	17/2022	2022	Indian

**Other & Details:**

1. Worked as IQAC Member of the college.
2. Working as Head of the Department of Chemistry at SPH Nampur College since 2019
3. Worked as a member of the Local Investigation Committee of University of Pune
4. Worked as a member of Exam. Squad Committee of Uni. of Pune.
5. Worked as Examiner in CAP of Uni. of Pune.
8. Worked as the Organizing Secretary for State Conference at Nampur College.
9. Worked as a Chairman of Cultural Activity in the Nampur College.
10. Working as a PRO of MGV Institute since 2019.

**Social Media links**

<b>Research gate</b>	
<b>Research Scholar</b>	
<b>Orchid Id</b>	
<b>Facebook</b>	
<b>Whats app</b>	<b>7666003118</b>