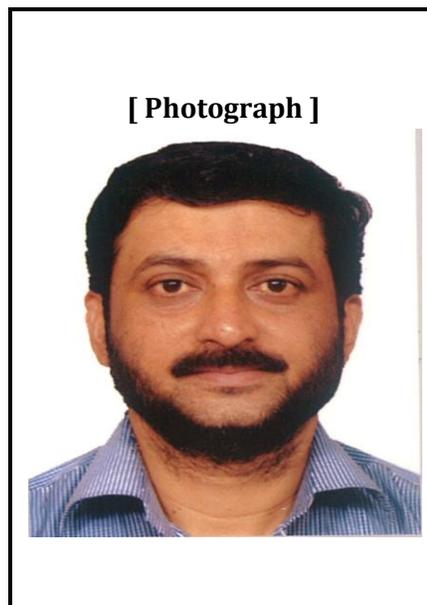


# Faculty Profile

Name Dr. S. T. Gawhale  
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## Educational Qualifications

Degree	University/Institution	Year of Passing
PDF	University of Zegreb, Croatia	2016
Ph.D.	SGBAU, Amravati	2015
MSc	Amravati University	1994
BSc	Amravati University	1992

## Professional Experience

Sr. No.	Designation & Institute	Duration
1	Associate Professor, PICT Pune	Sept. 2017- Till date
2	Lecture/Assistant Professor, AISSMS COE Pune	1997 - 2017
3	NDA- Khadakwasala Pune	1996-97

## Research Publications

Sr. No	Title	Publication/Conference
1	Facile green synthesized C-4-Hydroxy-3-methoxyphenylcalix[4]Resorcinarene (CHMPCR) for photometric sensing of Fe <sup>3+</sup> and Cu <sup>2+</sup> ions	Journal of molecular structure-2023
2	Moxifloxacin embedded p-Sulfonatocalix[6]arene: Multispectroscopic studies to evaluate its in vitro cytotoxicity, antibacterial efficacy, and molecular docking	Journal of Molecular Liquids-2022
3	The Investigation of Cooperative binding between <i>p</i> -sulfonatocalix[6]arene and fluorescein with transition metal ions by spectrometrically.	International Journal of Chemical science,-2019
4	pH Dependent Self-Assembly of Single-Pyrene-Armed Calix[4]arene: Modulation and Complexation with <i>p</i> -Sulfonatocalix[6]aren.	Chemistry select-2019
5	Investigation of host-guest complexation of the ternary model: <i>p</i> -Sulfonatothiacalix[4]arene-fluorescein-M <sup>2+</sup>	Polyhedron- 2020
6	Study of Complexion of <i>p</i> -sulfonatothiacalix [4]arene with Fluorescein and Zn <sup>2+</sup> by spectroscopic methods	International Journal of Engineering and Technical Research (IJETR)-2014

7	Study on Complex Formation of Fluorescein-p-Sulfonatocalix[4]arene by Spectroscopic Methods	Optics and Photonics Journal,2015.
8	Inclusion complex formation if ternary system: Fluorescein p-sulfonatocalix(4)arene-Cu <sup>2+</sup> by cooperative binding.	Spectrochimica Acta A- 2014

#### Books Published

Sr. No.	Title	Publisher & Year
1	Applied chemistry	Nishant Publication, 2002
2		

#### Conferences / Seminars Attended

Sr. No.	Conference/Seminar	Year
1	International conference on, eradication of Biological and Chemical weapons- MIT Pune	June 2020
2	State level faculty training workshop, PVPIT Pune	June 2020
3	National conference on- Innovative research in science and technology - Amravati	Dec. 2019

#### Awards & Recognitions

Sr. No.	Award/Recognition	Year
1	Best Nodal officer (State Level award)	2023-24

### Areas of Interest

Sr. No.	Area
1.	Coordination Chemistry
2	Water Chemistry
3	Spectroscopic Analysis