

TEACHING EXPERIENCE

- ❖ Two years teaching experience in Trimurti coaching classes and Pearson academy Pune as a **Chemistry Teacher** from 2019 to 2021.

RESEARCH EXPERIENCE

- ❖ Three years research experience in **Synthesis, Characterization and Evaluation of Gas Sensing Activity of Nano ZnO Film** during M.Phil.
- ❖ One year research experience for post-graduation student in **Gas Sensing project** Pune.

Career Objective

I strive for the excellence in whichever field I work. I wish to join an organization that shall encourage me to make full utilization of my potential, which will help the organization to grow and me to self-actualize my potential.

Activities

- ❖ **International Conference on Frontiers in Life Science and Earth Sciences (2018)** : Presented a Poster On Synthesis Characterization and Evaluation of Gas Sensing Activity of Nano ZnO Film
- ❖ Science Exhibition and Poster Competition held in Prof. Ramkrishna More College, Akurdi, in 2017.
- ❖ NET/SET 2 days guidance workshop in March 2014

Shilpa Vijay Gaikwad

Email: shilpagaikwad9741@gmail.com

Mob: +91-7249467796/ +91-8999035787

TECHNICAL KNOWLEDGE

- Well Knowledge about the HPLC, Gas Chromatography, and UV-Spectroscopy
- Knowledge handling of-
 - ❖ HPLC (Younglin ACME-9000 isocratic)
 - ❖ UV- Spectroscopy
 - ❖ Conductometer
 - ❖ pH Meter
 - ❖ Flame Ionisation
 - ❖ TGA
 - ❖ AAS

Minor Projects

- Deep Study of water including Hardness, Conductivity, COD, BOD, pH etc. (M.Sc. 2015)
- Analysis of Calcium from Tooth paste (B.Sc. 2013)

BASIC ACADEMIC CREDENTIALS

Qualification	Board/University	Year	Percentage
M.Phil. (Chemistry)	Savitribai Phule, Pune University, Prof. Ramkrshna More College, Akurdi Pune-411044	2016-2019	Final Grade “A”
M.Sc.(Analytical Chemistry)	Savitribai Phule, Pune University, Prof. Ramkrshna More College, Akurdi Pune-411044	2013-2015	63.62%
B.Sc. (chemistry)	Shivaji University, Kolhapur, Shivraj College Gadhinglaj.	2010-2013	73.80%

ACADEMIC PROJECTS

Project Name	Synthesis, Characterization and Evaluation of Gas Sensing Activity of Nano ZnO Film.
Course	M.PHIL. (2016-2019)
Team Size	1
Institute	Prof. Ramkrishna More college Akurdi, Pune, Under Savitribai Phule Pune University
Guide	Dr. D. R. Shinde
Synopsis	Deals with the construction of gas sensing apparatus, formation films of metal oxide and evaluation of gas sensing properties of metal oxides. Among the four metal oxides, ZnO found to be best for low temperature (100-200 °C sensing of gases NH ₃ , HCHO, H ₂ S and CH ₃ COCH ₃)

PROFESSIONAL ACHIVEMENT

- Abstract published in an International Conference on Frontiers in Life Science and Earth Sciences (2018): Quantitative determination of ammonia using ZnO film based gas sensor.
- NET/SET one days guidance workshop in January 2015
- MSCIT , with 95% in 2013

KEY SKILL

- Ability to rapidly build relationship
- Confident.
- Likes to deal with new challenges.
- Good communication.
- Interest in working with new methodology

PERSONAL DETAILS:

Name: Shilpa Vijay Gaikwad

Husband's Name: Suraj Narsing Chougule

Local Address: J-24,Ganraj Estate, Hadapsar, Pune. 411013

Permanent Address: A/P : Ningudage, Tal- Ajara, Dist. - Kolhapur, State- Maharashtra
Pin Code: 416526

Gender: Female

Date of Birth: 05th Mar 1992

Nationality: Indian

Religion: Hindu (Maratha)

Marital status: Married

Language known: Marathi, English, Hindi, Kannada

DECLARATION:

I certify that the above information given by me is true and to the best of my knowledge. In case any error or omission found at later date, I shall be liable for consequences arising out of it.

Place: Pune

(Shilpa Vijay Gaikwad)