

Dr. Sushilkumar A.Dhanmane, M.Sc., Ph.D.

SET,

Associate Professor

Fergusson College

Deccan Education Society, Pune.

E-mail: sushorganic@gmail.com

Phone: 9822364465

Present position

- Associate Professor, Department of Chemistry, Fergusson College (Autonomous)
- Head Cultural Department
- Prabhandak Deccan Education Society

Contact Details(Mention e-mail) – fergusson.edu or despune.org



020-67656194



sushorganic@gmail.com, sushilkumar.dhanmane@despune.org

Work Experience

- Teaching: 17 years
- Research/Industrial: 10 years

Personal Profile

Name : Sushilkumar A.Dhanmane

Sex : Male

Nationality : Indian

Marital Status : Married

Languages known: English, Hindi, Marathi,

Permanent Address: D-5, Kanchanganga Co-op Hsg.Society, Kothrud, Pune-4110038

Course(s) Taught (Only Titles)

1. Spectroscopy
2. Stereochemistry
3. Organic Reaction Mechanism
4. Advance Organic Chemistry
5. Organic and Inorganic Chemistry
6. Analytical Chemistry
7. Perycyclic Reactions

Field of Specialization/Areas oInterests

- Design and Synthesis of small heterocyclic molecules as well as peptide antiviral agents
- Design and synthesis of heterocyclic by natural catalysts

Education

- **Ph.D.** (Chemistry) March 2015, Dr.BAMU Aurangabad,Maharashtra.
Supervisors: Prof.M.S.Shingare
Thesis Title: Synthesis of some bioactive heterocycles by using various catalysts
- **Master of Science** (Organic Chemistry): June 2004, With Distinction, Pune University, Pune, India.
- **Bachelor of Science:** June 2002, With Distinction, SRTM University, Nanded, India.

Fellowship/Awards/ Certifications/Achievements/Recognitions

- **SET** Aug. 2004 (State Eligibility Test for Lectureship in Chemistry)

Member of College Committees/ Professional Bodies and Others

| College Level | Professional Bodies | Others |
|--------------------------|---------------------|--------------------------|
| Head Cultural Department | | Member, Board of Studies |
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Research Publications in National and International Journals

- Nilima S.Chaudhari Sambhaji S.Warule **Sushil A. Dhanmane** Milind V.Kulkarni Matjaz Valant Bharat B. Kale, Nanostructured N-doped Ti O₂ marigold flowers for an effecient solar hydrogen production from H₂S , Nanoscale, 2013/7/30, 9383-9390,
- Samadhan S Nagane, Savita Verma, Bhausaheb V Tawade, Prakash S Sane, **Sushilkumar A Dhanmane**, Prakash P Wadgaonkar, Aromatic polyesters containing pendant azido groups: Synthesis, characterization, chemical modification and thermal cross-linking, European Polymer Journal, 2019/7/1, 180-189
- Samadhan S Nagane, Sachin S Kuhire, Uday A Jadhav, **Sushilkumar A Dhanmane**, Prakash P Wadgaonkar, Design and synthesis of aromatic polyesters bearing pendant clickable maleimide groups, Journal of Polymer Science Part A: Polymer Chemistry, 2019/3/1, 630-640
- SS Pawar, CS Patil, VB Tadke, SM Vhankate, **SA Dhanmane**, GR Pathade, RP Pawar, Synthesis, characterization and biological activity of some tartarates and transition metal complexes, international Journal of Pharmaceutical Sciences and Research, 2014/4/1, 1557

Participation in Conferences/Seminars/Symposia/Workshop:**Events Organized/Coordinated:**

| Sr. No | Name of the Event | Name of organizing Institute/ College/ University | Nature of contribution | Dates |
|---------------|--|--|-------------------------------|--------------|
| 1 | SET/NET Workshop | Fergusson,College (Autonomous) | Coordinator | March, 2022 |
| 2 | Today's Research, Tomorrow's future | Fergusson,College (Autonomous) | Coordinator | March,2022 |
| 3 | | | | |
| 4 | SET/NET Workshop | Fergusson,College (Autonomous) | Coordinator | Oct, 2016 |
| 5 | Research and scientific writing workshop | Fergusson,College (Autonomous) | Coordinator | Sept, 2016 |
| 6 | Soft skill development workshop | Fergusson,College (Autonomous) | Coordinator | Aug, 2016 |
| 7 | Curriculum development workshops | Fergusson,College (Autonomous) | Coordinator | Aug, 2016 |

Consultancy Services