

## BIODATA

**NAME** : Devendra Sukhadeo Wagare  
**DESIGNATION** : Assistant Professor  
**DEPARTMENT** : Chemistry

**QUALIFICATION** : M.Sc. NET-JRF (CSIR), SET, GATE

**E-MAIL** : wagare@vivekanandcollege.edu.in

**TEACHING EXPERIENCE** : 10 years

**RESEARCH EXPERIENCE** : 5 years

### **RESEARCH ARTICLES PUBLISHED :**

1. Devendra Wagare, Efficient and green Microwave assisted one-pot synthesis of azaindolizines in PEG-400 and water, **Synthetic communication (Taylor & francis)**,2016, 46,21, 1741-1746
2. Mujahed Shaikh, Devendra Wagare, Mazahar Farooqui, Ayesha Durrani **Microwave Assisted Synthesis of Novel Schiff Bases of Pyrazolyl Carbaldehyde and Triazole in PEG-400, Polycyclic Aromatic Compounds**,2018, 1-6
3. Devendra Wagare, PEG-1500 A green recyclable catalyst for the one-pot synthesis of imidazo[1,2-a]pyrimidines under microwave irradiation, **Chemistry and biology interface**, 2017, 6,6 405-409.
4. Devendra wagare, P.D Netankar, M. Shaikh, M. Farooqui, A. Durrani Highly efficient microwave assisted synthesis of 4-aryl-aminothiazole in aqueous medium **Enviornmental chemistry letters**(Springer nature), 2017,15(3)475-479
5. DS Wagare, D Lingampalle, M Farooqui, D Ayesha, An Enviornmentally benignone-pot synthesis of 3-aryl-furo[3,2-c]coumarins in PEG-400 and water, **Der pharma chemica**, 2016,8,1,408-411
6. Mujahed H Shaikh, Devendra S Wagare, Mazahar A Farooqui, Ayesha N Durrani Facile and green one-pot synthesis of 2-aminothiazoles in glycerol-water **Heterocyclic Letters**,2017, 7,1061-1064
7. Devendra S. Wagare, Mazahar Farooqui, Nitin D. Vilaytkar and Ayesha Durrani, An Efficient and Selective  $\alpha$ -Monobromination of Aromatic

Ketones under Ultrasonic Irradiation in Aqueous Medium, **Asian journal of organic and medicinal chemistry**, 2017,2,4,165-168

8. Devendra S Wagare, Mujahed H Shaikh, Mazahar Farooqui, Ayesha N Durrani, [Ultrasound promoted one-pot synthesis of imidazo \[1, 2-a\] pyridines in water](#), 2017, 02, 03, pp. 617-621.
9. Devendra S Wagare, Ashwini Sonone, Mazahar Farooqui, Ayesha Durrani [An Efficient and Green Microwave-Assisted One Pot Synthesis of Imidazothiadiazoles in PEG-400 and Water](#), **Polycyclic Aromatic Compounds (Taylor & francis),2019,1-6**
10. Rameshwar B Borade, SB Kadam, Devendra S Wagare, RH Kadam, Sagar E Shirsath, SR Nimbore, AB Kadam [Fabrication of Bi<sup>3+</sup> substituted yttrium aluminum iron garnet \(YAIG\) nanoparticles and their structural, magnetic, optical and electrical investigations](#) **Journal of Materials Science: Materials in Electronics** 30,22,19782-19791

**RESEARCH PAPER PRESENTED :**

1. M Shaikh, D Wagare, A Durrani Glycerol-Water Act As A Green Media For The One-Pot Synthesis Of 4-Aryl-2-Aminothiazoles Under Microwave Irradiation
2. D S Wagare, M H Shaikh, M Farooqui, A N Durrani Ultrasound promoted one-pot synthesis of imidazo [1, 2-a] pyridines in water

**RESEARCH PROJECT / SURVEY : COMPLETED- 02**  
**FUNDING AGENCY: under UGC CPE Phase-II**

**MEMBERSHIP OF PROFESSIONAL BODIES:**

1. Member of Indian science congress association
2. Member of Indian council of chemist
3. Member of association of chemistry
4. Member of ACTRA
5. Member of BAMUCTO

**ANY OTHER :**

1. NPTEL online certificate course conducted by IIT Madras
2. ARPIT online refresher course in chemistry
3. NSS programme officer in 2010-2013
4. 2 Gold medal and silver medal in MSc chemistry
5. FDP in Infosys BPO ltd.

**(Devendra S. Wagare)**