



CURRICULUM-VITAE

NAME: Prof. Dr. VARSHA SANJEEV HONMORE

DATE OF BIRTH: 4th January 1976; **Sex:** Female; **Marital Status:** Married

ADDRESS: Patil Garden Apts, Flat No. A-7, Near Mahalaxmi Mini Market,
B/H Mantri Park, Kothrud, Pune, 38.
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PLACE OF WORK: Department of Chemistry, MES Abasaheb Garware College,
Karve Road, Pune-411 004, Maharashtra, India.
Tel. No. (020) 41038216, 41038263

PRESENT POSITION: Professor

ACADEMIC QUALIFICATION:

Degree	Year	Institute	Class
M. Sc. (Organic Chemistry)	April 1998	Pune University	1 st
SET (Chemistry)	July 1999	Pune University	Qualified
Ph.D. (Chemistry)	June 2017	SPPU Pune	

TITLE OF THESIS: "Chemical investigation and bio-evaluation of *Alpinia officinarum*,
Artemisia pallens and *Blainvillea latifolia*"

THESIS ADVISOR: Dr. Arun D. Natu and Prof. R. C. Chikate

RESEARCH PROJECT COMPLETED:

1. A Minor Research Project sponsored by UGC on 'Chemical and biological screening of *Artemisia Pallens*' is completed (Duration: 2011-2013).

MEMBER OF COMMITTEES:

1. Worked committees of M.E.S's Agam Kala Mandal, Student research Committee and Science Forum at Abasaheb Garware College, Pune.
2. Working committee of M.E.S's Student Health, Disaster Management, S.Y.B.Sc. and M.Sc. admission and NIRF at Abasaheb Garware College, Pune.

OTHER ACTIVITIES:

1. Have supervised the research projects of final year M.Sc. students at Abasaheb Garware College from 2009 onwards.
2. Have attended and presented poster in two International Conferences, one National Seminar, two state level Workshop and three Intercollegiate Workshop.
3. Guidance given to students appearing for 'Chemistry CHEMIAD Examination' for F.Y.B.Sc students conducted by University of Pune.
3. Incharge of MSc-II Organic Chemistry

TEACHING EXPERIENCE:

1. Lecturer in Organic Chemistry at Department of Chemistry, Abasaheb Garware College, Pune at UG and PG for a period of fifteen years from August 2004.
2. Working as Assistant Professor from 2006.

LIST OF CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

1. One day Workshop for 'Designing curriculum for FYBSc, Chemistry' at N.Wadia College, Pune on 12th January, 2008
2. State level Workshop on 'Analytical instrument techniques' at K.R.T. Arts, B.H. Commerce and A.M. Sc. College, Nashik on 11th and 12th December, 2006.
3. Intercollegiate PICC workshop on 'Water Analysis' at A.G.College on 28th and 29th Nov, 2006.
4. National conference on 'New Frontiers in Herbal and Synthetic Drug Studies (HSDS 2010)' at Abeda Inamdar Sr. College of Arts, Sc. And Commerce, Pune.

5. Two day State Level workshop on 'Microscale Techniques in Physical Chemistry' Organized by Dept. of chemistry A. G. College, Pune, 21st and 22nd February, 2012.
6. One day workshop on 'Safety in the Laboratory' organized by B.R.Gholap College, Pune, 31st December, 2011.
7. National seminar on 'Newer Trends in Chemical Research and Writing of Scientific Research Papers' held on February 2-4th, 2012 organised by Department of Chemistry, Modern College of Arts, Science and Commerce, Pune.
8. Workshop on 'Implementation of Credit System for PG Courses in Colleges Affiliated to University of Pune' organized by IQAC, held at MES Abasaheb Garware College, 13th February, 2013.
9. Workshop on Revision of F.Y.B.Sc. Chemistry Syllabus' held on 26th February 2013, organized by Department of Chemistry, MES Abasaheb Garware College, Pune.
10. State level seminar on 'Recent Advances in Natural Product Extraction' on 21st & 22nd March 2013, organized by Department of Chemical Engineering, Sinhgad College of Engineering under Quality Improvement Programme, University of Pune.
11. National workshop on challenges in chemical analysis (CICA-2014) at Bharati Vidyapeeth Deemed University, Yashwantrao Mohite College, Pune, held on 13th September 2014.
12. Chemical Education Program held during 9th CRSI-RSC, UK joint symposium at CSIR- National Chemical Laboratory, Pune on 5th February, 2015.

LIST OF CONFERENCES PRESENTED POSTER

1. National seminar on 'Recent Trends in Chemical & Material Science' RTCMS held on 12nd & 13th January 2013 organised by the Department of Chemistry, Yashwantrao Mohite College, Bharati Vidyapeeth Deemed University, Pune.
2. 2nd International conference on Herbal and Synthetic Drug Studies (HSDS-2016) at Azam Campus, Pune during 10th-12th February, 2014.
3. 3rd International conference on Herbal and Synthetic Drug Studies (HSDS-2016) at Azam campus, Pune during 7th-9th January, 2016.

4. Interdisciplinary Approaches in Chemical Sciences (IACS-2021). Flavonoids from *Alpinia officinarum* as potential anti-tubercular agents evidence from molecular docking (Poster) organised by Department of Chemistry, M.E.S's Abasaheb Garware College, Pune, during 21st-23rd October 2021.
5. Interdisciplinary Approaches in Chemical Sciences (IACS-2021). Synthesis, spectral and in vitro antitubercular studies of Cu(II) and Ni(II) complexes with flavonoid isolated from *Alpinia officinarum* (Oral) organised by Department of Chemistry, M.E.S's Abasaheb Garware College, Pune, during 21st-23rd October 2021.
6. Interdisciplinary Approaches in Chemical Sciences (IACS-2021). Synthesis and antibacterial activity of Graphene Oxide at different pH values. (Poster) organised by Department of Chemistry, M.E.S's Abasaheb Garware College, Pune, during 21st-23rd October 2021.

Books authored which are published by: National Publishers: Three book chapters published in TYBSc Organic Chemistry book by Success publication.

RESEARCH PUBLICATIONS:

1. Limaye RA, Kumbhar VB, Natu AD, Paradkar MV, **Honmore Varsha S**, Chauhan RR, Gamble SP, Sarkar D. (2013). One pot solvent free synthesis and *in vitro* antitubercular screening of 3-Aracylphthalides against *Mycobacterium tuberculosis*. **Bioorganic & Medicinal Chemistry Letters**. 23, 711-714.
2. **Varsha S. Honmore**, Amit Kandhare, Anand A. Zanwar, Supada Rojatkar, Subhash Bodhankar, Arun Natu. (2015). Artemisia pallens alleviates acetaminophen induced toxicity viamodulation of endogenous biomarkers. **Pharmaceutical Biology**. 53,571-581.
3. **Varsha S. Honmore**, Supada R. Rojatkar, Laxman U. Nawale, Manisha A. Arkile, Vijay M. Khedkar, Arun D. Natu, Dhiman Sarkar. (2016). *In vitro* and *ex vivo* antitubercular activity of diarylheptanoids from the rhizomes of *Alpinia officinarum* Hance. **Natural Product Research**. DOI:10.1080 /14786419.2016.1149702
1. **Varsha S. Honmore**, Amit D Kandhare, Parag P. Kadam, Vijay M. Khedkar, Dhiman Sarkar, Subhash L. Bodhankar, Anand A. Zanwar, Supada R. Rojatkar, Arun D. Natu. (2016). Isolates of *Alpinia officinarum* Hance as COX-2 inhibitors: Evidence from anti-inflammatory, antioxidant and molecular docking studies. **International Immunopharmacology**. 33, 8-17.
5. Urmila U. Tambewagh, Amit D. Kandhare, **Varsha S. Honmore**, Parag P. Kadam, Vijay M. Khedkar, Subhash L. Bodhankar, Supada R. Rojatkar. (2017).

Anti-inflammatory and antioxidant potential of Guaianolide isolated from *Cyathocline purpurea*: Role of COX-2 inhibition. **International Immunopharmacology**. 52, 110-118.

6. **Varsha S. Honmore**, Amit D. Kandhare, Parag P. Kadam, Vijay M. Khedkar, Arun D. Natu, Supada R. Rojatkar, Subhash L. Bodhankar. (2019). Diarylheptanoid, a constituent isolated from methanol extract of *Alpinia officinarum* attenuates TNF- α level in Freund's complete adjuvant-induced arthritis in rats. **Journal of Ethnopharmacology**. 229, 233-245.
7. Varsha S. Honmore, Amit D. Kandhare, Parag P. Kadam, Vijay M. Khedkar, Arun D. Natu, Supada R. Rojatkar, Subhash L. Bodhankar. (2019). Two antibacterial spiro compounds from the roots of *Artemisia Pallens wall*: evidence from molecular docking. *Natural Product Research*. 2021. IF: 2.861 Print ISSN: 1478-6419 Online ISSN: 1478-6427
8. Varsha S. Honmore et al. In vitro Antitubercular Screening and in silico Study of Germacradienolide from *Blainvillea latifolia*. *Asian Journal of Chemistry*. 2021. IF: 0.54. ISSN: 9707077
9. Varsha S. Honmore et al. Flavonoids from *Alpinia officinarum* as Potential Anti-Tubercular Agents Using Molecular Docking Studies. *Asian Journal of Chemistry*. 2021. IF: 0.54. ISSN: 9707077.
10. Varsha S. Honmore et al. Synthesis of graphene oxide at variable pH and its response to antibacterial activity. *Journal of Emerging technologies and Innovative Research*. 2022. IF: 7.95 (google scholar). ISSN-2349-5162
11. Varsha S. Honmore et al. **Asian Journal of Chemistry**. 2021. IF: **0.54**. ISSN: 9707077. (accepted).

Ph.D Guidance: Guiding Three students for Ph.D.

Currently working as a Placement Officer and Internship Nodal officer for college