CURRICULUM VITAE

YOGESH SAMBHAJIRAO NALWAR

PERSONAL DETAILS

Date of Birth : 2nd Jan 1976
Sex : Male
Marital Status : Married
Languages known : English, Marathi, Hindi
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Dr. Yogesh S. Nalwar,
Head, Dept. of Chemistry,
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Research Degree(s):

Degrees	Title	Date of Award	Name of University
Ph. D.	Study of Synthesis of Some New Chalcones and Heterocyclics Using Chalcones as Synthones	20 Feb 2009	S.R.T.M.University,Nanded

. **Posts held after appointment at this institution**:

Designation	Department	Date of Joining	
		From	To
Assistant Professor	**Chemistry**	**25 July 2011**	**24 July 2015**
Assistant Professor	**Chemistry**	**25 July 2015**	**24 July 2020**
Assistant Professor (Level 11)	**Chemistry**	**25 July 2020**	**Till Today**

Period of teaching experience:

P.G. Classes (In Years): Nil
U.G. Classes (In Years): 09 Years
Research Experience excluding years spent in M. Phil. / Ph. D. (In Years): 08

Fields of Specialization under the Subject / Discipline : Organic Chemistry

EDUCATIONAL QUALIFICATION

Ph.D. (Organic Chemistry): 20th Feb 2009 from S. R. T. M. University, Nanded.

Title of Thesis: *"Studies on Synthesis of some new chalcones and heterocyclics using chalcones as synthones"*

Research Institute: Yeshwant Mahavidyalaya, Nanded

(Accredited by NAAC as 'A' Grade, C.P.E. UGC status)
affiliated to S.R.T.M. University, Nanded

Research Guide: Dr. Y.B. Vibhute

M.Sc. : Chemistry (Specialization - organic Chemistry)
S.R.T.M. University, Nanded, May 2002, 2nd Div. (58.75%)

B. Ed : Mathematics, Science
S.R.T.M. University, Nanded, June 2000, 1st Div. (60.75%)

B.Sc. : Chemistry, Mathematics, Physics,
Dr. B.A.M. University, Aurangabad, May 1996, 1st Div. (70.00%)

10+2th : Chemistry, Biology, Physics, Maths, English,
Aurangabad Divisional Board, March 1993, 1st Div. (67.67%)

10th: English, Science, Mathematics, S.S., Sanskrit,
Aurangabad Divisional Board, March 1990, 1st Div. (74.14%)

DETAILS OF RESEARCH WORK

i) It includes the synthesis of various substituted Chalcones from various halosubstituted acetophenone and aldehyde.

ii) Synthesis of Pyrazoline, substituted pyrazoline, 1,5-Benzodiazepines, 1,5-benzodiazepines and Flavones, 2- Azetidinone and 4-thiazolidinone etc heterocyclic compounds.

iii) The study of antifeedant activity on phencoccus Solanopsis and antifungal activity.

Awards:

i) Best Paper presentation Award in "National Conference on Recent Trends and Advances in Chemical Sciences" Organized by B. Raghunath A.C.S. College, Parbhani on January 12-13, 2016.

KNOWLEDGE AND SKILLS

i) Experience in handling the instruments like Vaccum Distillation, IR.

ii) To set reactions of synthetic organic chemistry.

iii) Separation Technique – TLC, Column chromatography

iv) Computer Literacy – MS-Office, Internet access

v) Experience of conducting the practical in organic chemistry for graduate and post graduate classes.

vi) Water Analysis

vii) Metal Complexes

viii) Ionic Liquid

ix) Catalysis

PUBLICATIONS

i) Synthesis and Insect Antifeedant Activity of Some New Chalcones Against Phenacoccus Solanopsis.
Yogesh S. Nalwar, Mudassar A. Sayyed, Shyam S. Mokle, Purushottam R. Zanwar and Y.B. Vibhute,
World Journal of Chemistry 4(2), 123-126, 2009.

ii) An effifient and Operationally simple synthesis of some new Schiff bases using grinding technique.
A.Y.Vibhute, S.S. Mokle, **Y.S. Nalwar**, Y.B.Vibhute and Vasant M. Garav.
Bulletin of the catalysis society of India, 8, 164-168, 2009.

iii) Potentially active heterocycles derived from 6,8-dichloro-3-amino-2-methylquinazolin-4(3H)-one:Synthesis and antibacterial activity.
M.A.Sayyed**, Y.S. Nalwar**, S.S. Mokle, A.Y.Vibhute, S.V. Khansole and Y.B. Vibhute, *International Journal of ChemTech Research*, 1(3), 606-609, 2009.

iv) Synthesis of some new bioactive Chalcones and Flavones
S.S. Mokle, M.A.Sayyed**,** A.Y.Vibhute, S.V. Khansole, **Y.S. Nalwar**, and Y.B. Vibhute, *Research J. Pharm. And Tech*. 2(4), 2009.

v) A practical iodination of aromatic compounds by using iodine and iodic acid.
Avinash T. Shinde, Sainath B. Zangade, Shivaji B. Chavan, Archana Y. Vibhute, **Yogesh S. Nalwar**, and Yeshwant B. Vibhute. *Synthetic Communication*, 40, 3509-3513, 2010.

x) Microwave assisted and Conventional synthesis, characterization and biological activity of 2- azetidinones and 4-thiazolidinones.
Omprakash G. Bhusnure, Sham S. Mokle, **Yogesh S. Nalwar**, Yeshwant B. Vibhute.
Journal of Pharmaceutical and biomedical sciences, 6(08), 2011.

Vii) Development and characterization of tamarindus indica-phospolipids complex as an effective phytoconstituents delivery system by qbd approach.
Nalwar yogesh S. Gholve S.B., Giram Padmaja S., Patil Arvind M. Gaikwad Abhimanyu, Bhusnure Omprakash G., *JETIR* March 2020, Volume 7, Issue 3

viii) Validated rp-hplc method for estimation of apixaban in bulk and pharmaceutical dosage forms.
Nalwar Yogesh S., Imran Mujewar N., Gholve S.B., Giram Padmaja S., Patil Arvind M., Bhusnure Omprakash G. *JETIR* March 2020, Volume 7, Issue 3

ix) Three component solvent-free synthesis of substituted pyrimido [4,5-d] pyrimidine-2-(1H)- one.
Yogesh S. Nalwar, *JETIR* March 2020, Volume 7, Issue 3.

x) In-vitro evaluation of selected chloro-chalcones for antioxidant activity
N. J. Deshmukh, S. R. Pingalkar, D. R. Munde, **Y. S. Nalwar**, A. T. Shinde, *JETIR* March 2020, Volume 7, Issue 3

xi) Microwave Assisted Synthesis and Antimicrobial study of some Novel 2-Aetidinones Derived from 2-(1-Phenylimino-ethyl)-naphthalen-1-ol,
SB Zangade, A. Shinde, **Y. Nalwar**, P.Patil, *Orbital*: *The Electronic Journal of Chemistry* 11 (3). 178-185.

xii) 2-Methoxyethanol An Efficient Reaction Medium For Synthesis Of Some Novel 2h-Pyrazolines And N-Phenyl Pyrazolines

Yogesh Nalwar, Sainath Zangade, Avinash Shinde and Yeshwant Vibhute, *Heterocyclic Letters*, Vol. 3: (4), 2013, 505-512.

xiii) Microwave Assisted Synthesis of N-Acetylpyrazolines Derived from Bis-Chalcones, **Yogesh S. Nalwar**, *JSRST*, 9(17), 2022, 90-92.

xiv) A Facile and Expeditious Approach to Substituted 5-Arylpyrimido-Quinoline-Diones catalysed by Iodine,
Yogesh S. Nalwar, *JSRST*, 9(17), 2022, 83-89.

xv) PEG-400 Mediated Synthesis of Pyranopyrazole Derivates Via a Three-Component One Pot Reaction, **Yogesh Nalwar**, Trambak Kendre, Arvind Patil, Charushila Nerkar, Santosh Chobe, *JSRST*, 9(17), 2022, 146-150.

xvi) Understanding the Electronic Structure of Doped TiO2 Photoanode for Water splitting Reactions: A Review on First Principle Studies,
Yogesh Nalwar, Harshada Barve, Rajaram S. Mane, Krishna Chaitanya Gunturu, *JSRST*, 9(17), 2022, 28-.36.

xvii) Removal of Arsenic (As) and Mercuty (Hg) metals from drinking water-A review, Trambak U. Kendre, S.G. Kalane, **Yogesh S. Nalwar**, Suresh D. Dhage, *JETIR*, 10(4), 2023, 110-115.

xviii) Arsenic in water contamination and toxic effect on human health,
Arvind M. Patil, **Yogesh S. Nalwar**, Trambak U. Kendre, Suresh D. Dhage, *JETIR*, 10(4), 2023,577-584.

xix) E-Waste management and its impact on health and economy,
Suresh D. Dhage, **Yogesh S. Nalwar**, D.R. Munde, *JETIR*, 10(4), 2023, 516-521.

xx) Mass and Thermal Gravimetric study of some novel complexes of 3,5-dichloro Salicylaldehyde,
S.B. Ganjegaonkar, J.H. Deshmukh, **Y.S. Nalwar**, A.V. Pawde, *JETIR*, 10(4), 2023, 247-255.

xxi) Fe2O4@SiO2@TDI@DES: A novel magnetically seperable catalyst for the synthesis of oxindoles,
Prasad Swami, Sanket Rathod, Prafulla Chaudhari, Devashree Patil, Ajinkya Patravale, **Yogesh Nalwar**, Sandeep Sankpal, Shankar Hangirgekar, *Journal of Molecular Structure*, 1292 (2023) 136079.