

CURRICULUM VITAE

Dr. Yeshwant R. Bhorge

Officiating Principal and Assistant Professor

Marotrao Pantawane College, Nagpur

Mobile No. +91-7875652603

E-mail: yeshbhorgej@gmail.com

Experience

Marotrao Pantawane College, R.T.M.N. University Nagpur,

Officiating Principal and Assistant Professor

August 2017 – Present

Ya Chung Industrial Co, Ltd. Taiwan R.O.C.

Design and synthesis of Sex Pheromones.

Senior Researcher

August 2014 to July 2016

Providence University, Taiwan, R.O.C.

Design and Synthesis of New Chemosensors for detection of Cations and Anions.

Post-doctoral Researcher

2012 to 2014

National Chung-Hsing University, Taiwan R.O.C.

*TiCl₄-Mg-CHBr₃ Promoted Bromo and Dibromomethylenation of Ketones and Aldehydes;
Concise Asymmetric Synthesis of the Epoxycyclohexenone Model Core of Scyphostatin and
Isariotin E*

Ph.D. Scholar

2007 to 2012

National Chung-Hsing University, Taiwan, R.O.C.

Asymmetric addition of organozinc, organotitanium and organo-aluminium to aldehydes and ketones

Research Scholar

2003 to 2007

National Chemical Laboratory, India

Basic and strategic research to commercialize hybride wheat sponsored by ICAR, New Delhi.

Research Assistant

2001 to 2003

N.S.B. College, Nanded, Maharashtra, India

M.Sc. Chemistry

August 2000

Dissertation Title: Determination of chlorophyll pigment in leaves of different plants

N.S.B. College, Nanded, Maharashtra, India

B.Sc. Chemistry, Zoology, Dyes and Drugs

August 1998

Publications

1. $\text{CHBr}_3/\text{TiCl}_4/\text{Mg}$ as an Unusual Nucleophilic CBr_2 Carbenoid: Effective and Chemoselective Dibromomethylenation of Aldehydes and Ketones. **Yeshwant Ramchandra Bhorge**, Cheng-Ta Chang, Su-Haur Chang, Tu-Hsin Yan. *European Journal of Organic Chemistry* **2012**, 4805-4810.
2. A new entry of highly nucleophilic $\text{CHBr}_3\text{--TiCl}_4\text{--Mg}$ system for the stereoselective synthesis of 1-alkenyl bromides. **Yeshwant Ramchandra Bhorge**, Su-Haur Chang, Cheng-Ta Chang, Tu-Hsin Yan. *Tetrahedron* **2012**, 68, 4846-4851.
3. A new pyrene-based Schiff-base: A selective colorimetric and fluorescent chemosensor for detection of Cu(II) and Fe(III). **Yeshwant Ramchandra Bhorge**, Haw-Tyng Tsai, Keh-Feng Huang, Albert J. Pape, Sudhakar Narasimha Janaki, Yao-Pin Yen. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 130, 7-12.
4. A selective colorimetric and fluorescent chemodosimeter for Fe (III) ion based on hydrolysis of Schiff base. Haw-Tyng Tsai, **Yeshwant Ramchandra Bhorge**, Albert J. Pape, Sudhakar Narasimha Janaki and Yao-Pin Yen. *J. Chin. Chem. Soc.* **2015**, 62, 316-320.
5. New coumarin-based dual chromogenic probe: naked eye detection of copper and silver ions. **Yeshwant Ramchandra Bhorge**, Tzu-Ling Chou, Yan-Zi Chen, Yao-Pin Yen. *Sensors and Actuators B*. **2015**, 220, 1139–1144.
6. A New Schiff Base Chemodosimeter for Fluorescent Imaging of Ferric Ions in Living Cells. Yan-Zi Chen, **Yeshwant Ramchandra Bhorge**, Albert J. Pape, Rupesh D. Divate, Yun-Chin Chung, Yao-Pin Yen. *Journal of Fluorescence*. **2015**, 25, 1331-1337.
7. A new Schiff base chemodosimeter: selective colorimetric and fluorescent detection of Fe (III) ion. Yu-Kuan Chiang, **Yeshwant Ramchandra Bhorge**, Rupesh D. Divate, Yun-Chin Chung, Yao-Pin Yen. *Journal of Fluorescence*. **2016**, 26, 1699- 1708.

References

1. Prof. Dr. Tu-Hsin Yan

Dept. of Chemistry,
National Chung-Hsing University,
Taichung, Taiwan, R. O. C.
Email: thyan@dragon.nchu.edu.tw
Phone No.: +886-4-22840411 Ext 710

2. Prof. Dr. Nandkishor N. Karade

Department of Chemistry,
RTM Nagpur University.
Nagpur- 440033, Maharashtra, India
Phone: +91-8055515493
Email: nnkarade@gmail.com