

Name: Vishwas Uttam Pawar (M.Sc. Ph.D.)



Email: [vup123@gmail.com](mailto:vup123@gmail.com) / [vishwas.pawar@syngenta.com](mailto:vishwas.pawar@syngenta.com)

**Ph.D. Thesis title: Synthesis and Bioevaluation of 3-Hydroxypiperidines,  $\alpha$ -Hydroxylactones and Synthesis of Thermosensitive Glycopolymers from D-Glucose.**

Read More: Ph.D. thesis abstract attached.

**Duration of research Work: 5 yr**

**List of Publications earned during this period.**

**1. Vishwas U. Pawar** and Vaishali S. Shinde\*.

“Chiron approach to the synthesis of (-)-Yashabushidiol B, (3*S*,5*S*)-1-(4'-hydroxyphenyl)-7-phenyl-3,5-heptanediol and its 4'-methoxy analogue”.

(*Tetrahedron: Asymmetry*, 2011, 22, 8-11)

**2. Vishwas U. Pawar**, Sanjay T. Chavan, Sushma G. Sabharwal and Vaishali S. Shinde\*.

“Intramolecular Reductive Cyclization Strategy to the Synthesis of (-)-6-Methyl-3-hydroxypiperidine-2-carboxylic acid, (+)-6-Methyl-(2-hydroxymethyl)-piperidine-3-ol and Their Glycosidase Inhibitory Activity”.

(*Bioorg. Med. Chem.* 2010, 18, 7799-7803)

**3. Vishwas U. Pawar**, Sougato Ghosh, Balu A. Chopade and Vaishali S. Shinde\*.

“Design and Synthesis of Harzialactone Analogues: Promising Anticancer Agents” (*Bioorg. Med. Chem. Lett.* 2010, 20, 7243-7245)

**4. Vaishali S. Shinde** and **Vishwas U. Pawar**,

“Synthesis of Thermosensitive Glycopolymers Containing D-Glucose Residue: Copolymers with *N*-isopropylacrylamide”

(*J. Appl. Polym. Sci.* 2009, 111, 2607-2615)

**5. Vaishali S. Shinde\***, Madhavi R. Girme and **Vishwas U. Pawar**.

“Thermoresponsive Polystyrene-*b*-Poly(*N*-isopropylacrylamide) Copolymers by Atom Transfer Radical Polymerization”

(*Indian J. Chem.: Sec.A*, 2011, 50A, 781-787).

**Current position:** Lead Research Scientist,  
Syngenta Biosciences Pvt. Ltd., Corlim, Goa-403110