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



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**Ph.D. Thesis title:** **Synthesis and Bioevaluation of 3-Hydroxypiperidines, α-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-hydroxy-piperidine-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,

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