

## Curriculum Vitae

**Dr. Preeti Gupta**  
Ph.D  
Assistant Professor  
Email: preetig07@gmail.com

Department of Applied Chemistry  
School for Physical Sciences,  
Babasaheb Bhimrao Ambedkar University  
(A Central University)  
Vidya Vihar, Rai Bareilly Road,  
Lucknow – 226 025 (U.P.), India

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### (I) EDUCATION

**Ph.D.** (Organic Chemistry) in 2011 from Indian Institute of Technology, Kanpur, India.

### (II) AWARDS & FELLOWSHIPS

- Junior Research Fellowship (NET) by CSIR-UGC, India (01.01.2005 – 31.12.2006).
- Senior Research Fellowship (NET) by CSIR-UGC, India (01.01.2007 – 31.12.2009).
- One of the Best Poster Award in the 13<sup>th</sup> ISCB International Conference Conference on “*Interplay of Chemical and Biological Sciences: Impact on Health and Environment*” held at University of Delhi, 2009.
- Second Prize in “2011 Lilly Outstanding Thesis Awards” held at IISER Mohali.
- Research Associateship in a sponsored project undertaken in the Medicinal and Process Chemistry Division at Central Drug Research Institute, Lucknow (01.01.13-12.06.13)
- DST-Inspire Faculty Award, undertaken in the Medicinal and Process Chemistry Division at Central Drug Research Institute, Lucknow (07.10.13-08.12.14)

### (III) RESEARCH INTEREST

- Carbohydrate Chemistry
- Medicinal Chemistry
- Organic Chemistry

### (IV) TEACHING EXPERIENCE

**December 10, 2014 – present:** Assistant Professor, Department of Applied Chemistry, School for Physical Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow – 226 025.

### (V) LIST OF PUBLICATIONS

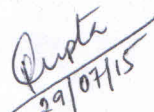
- Asymmetric Asymmetric Assembly of Steroidal Tetracyclic Skeletons. **Preeti Gupta** and Gautam Panda *Eur. J. Org. Chem.* 2014, 8004.
- Synthesis of 2-Nitroglycals from Glycals using “Tetrabutylammonium Nitrate–Trifluoroacetic anhydride–Triethylamine” Reagent System, and Base-Catalyzed Ferrier Rearrangement of

Acetylated 2-Nitroglycals. Suresh Dharuman, Preeti Gupta, Paavan K Kancharla and Yashwant D. Vankar *J. Org. Chem.* 2013, 76, 5972.

- Ceric Ammonium Nitrate-Catalyzed Azidation of 1,2-Anhydro Sugars: Application in the Synthesis of Structurally Diverse Sugar-Derived Morpholine 1,2,3-Triazoles and 1,4-Oxazin-2-ones Y. Suman Reddy, A. P. John Pal, Preeti Gupta, Alafia A. Ansari, and Yashwant D. Vankar *J. Org. Chem.* 2011, 76, 5972.
- Synthesis of Aminocyclitols and Trihydroxylated Indolizidinone from D-Mannitol Derived Common Building Block. Preeti Gupta, A. P. John Pal, Y. Suman Reddy and Yashwant D. Vankar *Eur. J. Org. Chem.* 2011, 1166.
- Synthesis of Fused Oxa-Aza Spiro Sugars from D-Glucose Derived  $\delta$ -Lactones as Glycosidase Inhibitors. A. P. John Pal, Preeti Gupta, Y. Suman Reddy and Yashwant D. Vankar *Eur. J. Org. Chem.* 2010, 6957.
- (3*S*,4*R*,5*R*)-3-(2-Hydroxyethyl)piperidine-3,4,5-triol as an isofagomine analogue: synthesis and glycosidase inhibition study. Preeti Gupta, Suresh Dharuman and Yashwant D. Vankar *Tetrahedron: Asymmetry* 2010, 21, 2966.
- Facile Aza-Claisen Rearrangement of Glycals: Application in the Synthesis of 1-Deoxy-L-aminosugars. Preeti Gupta and Yashwant D. Vankar *Eur. J. Org. Chem.* 2009, 1925.
- HClO<sub>4</sub>·SiO<sub>2</sub> catalysed synthesis of alkyl 3-deoxy-hex-2-enopyranosides from 2-hydroxy glugal ester: application in the synthesis of a cis-fused bicyclic ether and a 4-amino-C-glucoside. Preeti Gupta, Nitee Kumari, Aditi Agarwal and Yashwant D. Vankar *Org. Biomol. Chem.* 2008, 6, 3948.

#### (VI) CONFERENCES ATTENDED

- 13<sup>th</sup> ISCB International Conference on "Interplay of Chemical and Biological Sciences: Impact on Health and Environment" held at University of Delhi, Delhi, India during 26<sup>th</sup> February-1<sup>st</sup> March 2009.
- "Frontiers of Chemistry: An Indo-German Symposium" held at IIT Kanpur, India on October 26, 2007.
- "22<sup>nd</sup> Annual Conference of Indian Council of Chemists" held at IIT Roorkee, India, during October 17-19, 2003.

  
29/07/15  
[DR. PREETI GUPTA]