

# Curriculum Vitae



**NAME :** Dr. Balendu Singh

**M.Sc., B.ed., Ph.D, GATE, JRF, CSIR SRF (IIT KANPUR)**

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**Marital Status :** Married

## ACADEMIC QUALIFICATIONS :

- **Ph.D** in 2011 From Department of Chemistry, Indian Institute of Technology IIT/ Kanpur, Uttar Pradesh, India under the Supervision of Prof. H. Ila. Degree obtained by GBTU lucknow Uttar Pradesh.
- **B.Ed** in 2001 From University of Kanpur.
- **M.Sc.** in Chemistry From University of Kanpur in the year 2000.
- **B.Sc.** in Chemistry From University of Kanpur in the year 1998.

## ACADEMIC APPOINTMENTS :

- 2022 To Present - Assistant Professor, Department of Chemistry, N.A.S. (P.G) College, Meerut
- 2021 To 2022- Assistant Professor (Cont.) at HBTI /Kanpur
- 2018 To 2021- Lecturer at Medical Entrance Institute, Lucknow
- 2014 To 2018 - Lecturer at IIT-JEE Entrance Institute, Lucknow
- 2009 To 2014- **Scientist** at Uttar Pradesh Industrial Consultant, Kanpur



- 2008 To 2009- **Research Scientist** at Jubilant Chemisys, Noida.

### **RESEARCH AREA :**

Development of three scientific methods for biologically Important Hetroaromanc Compaunds and Scientist of 2- Substituted 5-argl thiohydantoin fused beta Carboline derivanves.

### **RESEARCH EXPERIENCE :**

- Junior Research fellow -2004 To 2006 Under Astra Zeneca Research Foundation, Bangalore Under the Supervision of Prof. H. Ila, Department of Chemistry, Indian Institute of Technology IIT /Kanpur
- Senior Research fellow Under **CSIR**, New Delhi, 2006 to 2008.

### **CONFERENCE/SYMPOSIUM/SEMINAR/EXPERT-LECTURE/ WORKSHOP - ATTENDED :**

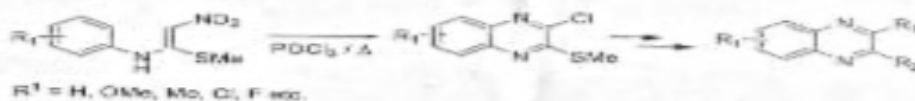
- National Symposium in Chemistry, CSIR - 2004, IIT /KANPUR.
- Synthesis of Biologically Relevant Hetrocycles from Basic Chemicals - 2021 at HARCOURT BUTLER TECHNICAL UNIVERSITY/ KANPUR.
- "Method Development for Carbon Heteroatom bond formation" 2021 at HBTI/Kanpur
- Chemical Crystallography Applications in Investigating the Novel Multi- Domain Crystalline Assemblies. at HBTI/Kanpur
- The Re- Emergence of Phytomedicine for drug Discovery.at HBTI/ Kanpur .
- Sustainability Innovanons and Quality management with Special Relevance to Polymeric Products " at HBTI /Kanpur

### **LIST OF PUBLICATIONS :**

1. Heteroannulation of Nitroketene N.S- arylaminoarets with POCl 3: A Novel Highly Regioselective Synthesis of Unsymmetrical 2.3- Substituted Quinoxalines, Venkatesh C., **Singh B.**, Mahata P.K., Ila H., Junjappa H. Org. Lett., 2005,7, 2169.

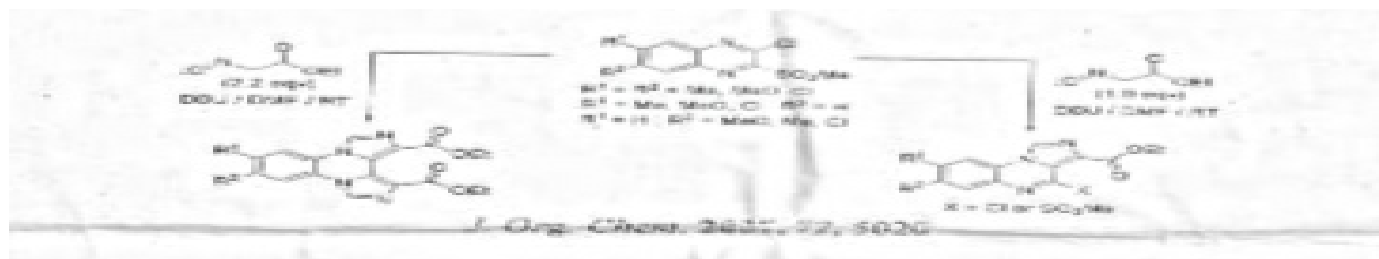


Research Work:



*Organic Lett.* 2005, 7, 2169

2. Dipolar Cycloaddition of Ethyl Isocyanoacetate to 3-Chloro-2-(Methylthio)/2-(Methylsulfonyl) Quinoxalines: Highly Regio- and Chemoselective Synthesis of Substituted Imidazo [1.5-a]quinoxaline-3-carboxylates, Sundaram, G.S.M., Singh B., Venkatesh C., Ila H., Junjappa, H.J. *Org.Chem.* 2007, 72, 5020.

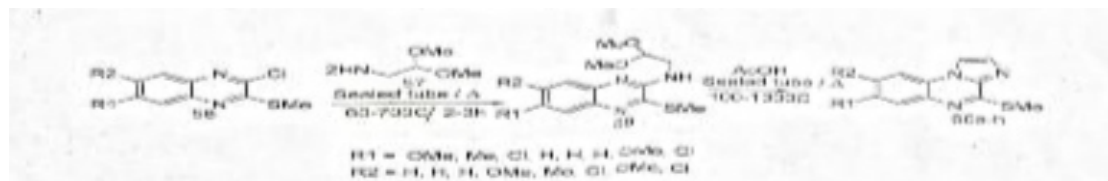


3. (Methyldithiocarbonyl) Imidazole as Thiocarbonyl Transfer Regent : A Facile One -Pot three- Component Synthesis of novel 2,5- substituted- 5aryl-1-oxo-3-thioxo-1,2,3,5,11a-hexahydro-6H-imidazo-[1.5-b]-Beeta-carbolines, Balendu Singh, Sundaram G.S.M., Misra N.C., Ila H., Junjappa H., *Tetrahedron Lett.*, 2009, 50, 366.



4. Highly Regioselective route to substituted Imidazo [1.2-a] quinoxalines, Balendu Singh, Hiriyaikkanavar Ila, *Letters in Organic Chemistry*, 15 (5) 441-446, 2018





Letter in organic chemistry 15 (5) 441-446, 2018

5. A novel regioselective route for the synthesis of Unsymmetrical 2,3 substituted quinoxalines through POCl mediated Heteroanulation of nitroketene N.S aryl amino acetals, **Balendu Singh, Ila H.**, (manuscript under preparation).

