

# Curriculum Vitae

## Personal Details:

**Name** : SHRISHNU KUMAR KUNDU.

**Designation** : Assist. Professor

**Date of birth** : 02.05.1980.

**Sex** : Male.

**Marital Status** : Married.

**Address for communication:** Dept of Chemistry, A.P.C.RAY Govt. College, Siliguri  
West Bengal.

**Permanent address** : Trisulapatty, Bolpur, Birbhum, WB, 731204.

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**Languages known** : Bengali, English.



## Educational Qualifications:

Year of passing	Qualification	Subjects or Specialisation	School / College / University / Institute	Marks obtained	% of marks
1996	SCE / 10 <sup>th</sup>	B, E, H, G, M, PSc, LSc, Craft	Visva Bharati	646	71.77
1998	PDE / 12 <sup>th</sup>	B, E, Math, Phy, Chem, LSc.	Visva Bharati	742	67.45
2001	B.Sc	Chemistry(H), Phy, Math.(Subsi.)	Visva Bharati	696	69.6
2003	M.Sc	Chemistry (Organic spl)	Visva Bharati	711	71.1

### **Computational Skills:**

- Microsoft office operations.
- Application of Chemdraw software

Ph.D thesis title: **SEARCH OF NOVEL METHODOLOGIES FOR THE TRANSFORMATIONS OF SOME KEY FUNCTIONAL GROUPS INVOLVING ZINC TETRAFLUOROBORATE AND OTHER SIMPLE REAGENTS**

Guide Name: **Dr. Adinath Majee.**

Institute/Organization/University: **Visva Bharati**

Date of Registration: **2007**

Year of Award: **2012**

10. Work experience (in chronological order)

S.No.	Positions held	Name of the Institute	Teaching	From	To
1	Assistant Professor	Jhargram Raj College	UG & PG	01.10.2010	05.08.16
2	Assistant Professor	A.P.C.RAY Govt. College	UG	06.08.16	Present

11. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S. No	Name of Award	Awarding Agency	Year
1.	<b>GATE</b>		2004
2.	JRF NET	UGC	2004

**Research interests:** Synthetic Organic Chemistry

### **Publication :**

1. "A Mild and Efficient Method for Oxathioacetalization of Carbonyl Compounds". A. Majee, **S. K. Kundu**, S. Islam *Synth. Commun.* **2006**, 36, 3667.

2. "A mild and efficient cleavage of oximes, hydrazones and semicarbazones using aqueous solution of zinc tetrafluoroborate". A. Majee, **S. K. Kundu** *J. Ind. Chem. Soc.* **2007**, 84, 496-497.

3. "A facile synthesis of 2,2,4-trisubstituted-1,2-dihydroquinolines catalyzed by zinc triflate under solvent-free conditions" D. Kundu, **S. K. Kundu**; A. Majee; A. Hajra *J. Chin. Chem. Soc.* **2008**, 55, 1186-1190
4. "Environmentally benign aqueous zinc tetrafluoroborate-catalyzed one-pot Biginelli condensation at room temperature" **S. K. Kundu**; A. Majee; A. Hajra *Ind. J. Chem.* **2009**, 48B, 408-412
5. "Zinc Chloride as an Efficient Catalyst for Chemoselective Dimethyl Acetalisation," A. Ray, M. Rahman, S. Das, D. Kundu, **S. K. Kundu**, A. Majee and A. Hajra, *Synth. Commun.* **2009**, 37, 590.
6. "Manganese(II) chloride-catalyzed conjugated addition of amines to electron-deficient alkenes in methanol-water medium." A. Roy, D. Kundu, **S. K. Kundu**, A. Majee, and A. Hajra, *The Open Catalysis Journal* , **2010**, 3, 34.
7. "Tetrabutylammonium tribromide as efficient catalyst in the synthesis of bis(indolyl)methanes" **S. K. Kundu**, S. Islam, A. Hazra and A. Majee. *Russian Journal of Organic Chemistry*, **2010**, 46, 126-128.
8. "An efficient and alternative approach for preparation of *O*-benzoyloximes using benzoyl Peroxide. **S. K. Kundu**, M. Rahman, P. Dhara, A. Hajra and A. Majee. " *Synth. Commun.* **2012**, 42,1848-1854.
- 9." Combination of NH<sub>2</sub>OH.HCl and NaIO<sub>4</sub>: a new and mild oxidizing agent for selective oxidation of alcohols to carbonyl compounds" A. Majee, **S. K. Kundu**, S. Santra, A. Hajra. *Tetrahedron Lett.* **2012**,53,4433-4435.
- 10." Dialkyl phosphite as a highly selective mono-N-alkylating agent using indium triflate under microwave irradiation" **S. K. Kundu** , K. Mitra, A. Majee. *RSC Adv.* **2013**, 3, 8649-8651.
12. ." An improved procedure of Miyashita protocol for the preparation of ureidomethylene derivatives of 1,3-dicarbonyl compounds" A. Majee, **S. K. Kundu**, S. Santra, A. Hajra. *Indian J. Chem.* **2014**, 53B, 124-126.
13. "Copper(I) iodide catalyzed synthesis of primary propargylic alcohols from terminal alkyne" **S. K. Kundu** , K. Mitra, A. Majee. *RSC Adv.* **2015**, 5, 13220-13223.
14. "Zinc Tetrafluoroborate: A Versatile and Robust Catalyst for Various Organic Reactions and Transformations" A. Sarkar, S. Santra, **S. K. Kundu**, N.Chakraborty Ghosal, A. Hajra, A. Majee. *Synthesis*, **2015**, 47, 1379-1386.

15. "A decade update on solvent and catalyst-free organic neat reactions: a step forward towards sustainability" A. Sarkar, S. Santra, **S. K. Kundu**, A. Hajra, G. V. Zyryanov, O. N. Chupakhin, V. N. Charushin and A. Majee. *Green Chemistry*, **2016**, Accepted.