

Name: **Dr. Pabitra Kumar Kalita**  
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Qualification: **M.Sc., PhD**

Date of Joining: **02-02-2006**

Present position: **Assistant Professor**

### **Educational Qualification**

Name of Examination	Board/University	Year	Rank	Division
HSLC	SEBA	1996		I
Intermediate (10+2)	AHSEC	1998		I
B.Sc.	Dibrugarh University	2001		II
M.Sc.	Gauhati University	2003		I
Ph.D.	Gauhati University	2014		
National Eligibility Test	CSIR	2005		

PhD topic:

**“Organic reactions catalyzed by copper and palladium compounds  
with a focus on carbon-carbon bond formations ”.**

Publications: **01 Nos patent and 07 Nos papers.**

Detail of patents.

Sl No.	Patent Title	Name of applicants	Patent No.	Awaed Date	Agenc y/Coun try	Status
1.	Synthesis of novel pyrrolo (1',2':1,6),- piperidino(1',2':1, 6) tetrahydropyrido( 2,3-B)-quinoline	Bhuyan, P.; Devi, I.; <b>Kalita, P. K.</b>	0335/NF/2 005	-	India	PP

### Publications:

Sl. No	Author (s)	Title	Name of journal	Vo lume	Page	Year
1	<b>Kalita, P. K.;</b> Borthakur, S. K.; Das, R.; Choudhur y, C. J.	Efficient synthesis of homoallylic alcohols/amines from allyltributylstannane and carbonyl compounds/imines using iodine as catalyst under acetic acid-water medium	Synthetic communication	45	2444-2453	2015
2.	Borthakur, S. K.; Borthakur, S.; Goswami, D.; Boruah, P.; <b>Kalita, P.K.</b>	Synthesis and antifungal activities of some new 5,7-Disubstituted[1,2,4] Triazolo[1,5-a]Pyrimidin-6-one	Journal of heterocyclic chemistry	-	DOI: 10.1002/jhet.2479	2015
3.	<b>Kalita, P.K.;</b> Phukan, P.	Facile chemoselective carbonyl allylation of chalcones with allyltributylstannane	Tetrahedron Letters	54	4442-4445	2013

		catalyzed by CuI				
4.	<b>Kalita, P.K.;</b> Phukan, P.	SnCl <sub>2</sub> ·2H <sub>2</sub> O mediated Barbier type allylation: A comparative evaluation of catalytic performance of CuI and Pd(OAc) <sub>2</sub> .	Comptes Rendus Chimie	16	1055-1062	2013
5.	<b>Kalita, P.K.;</b> Phukan, P.	A three-component synthesis of homoallylic amines catalysed by CuI.	Tetrahedron Letters	49	5495-5497	2008
6.	<b>Kalita, P.K.;</b>	Allyltrimethylsilane (Spotlight article).	Syn. Let.		2080-2081	2008
7.	<b>Kalita, P.K.;</b> Phukan, P.	Synthesis of novel pyrano[2,3-b]quinolines from simple acetanilides via intramolecular 1,3-dipolar cycloaddition.	Tetrahedron Letters	47	7779-7782	2006

### **Participation in corporate life:**

- (i) Organizing a **Blood donation camp** at Arya Vidyapeeth College in association with B. Borooah Cancer Institute on 24<sup>th</sup> September 2013.
- (ii) Two times conducting **Trekking Expedition Programme** with the NCC cadets of Arya Vidyapeeth College from Lakhara Chariali to Basistha Mandir via Garbhanga Reserve forest on 7 January 2013 and 29<sup>th</sup> June 2014.
- (iii) Joint convener of admission committee.
- (iv) Teacher in-charge of student union
- (v) Secretary of AVCTU

**Other information :**

- (i) Attending **Resource generation camp** conducted at Homi Bhaba Centre for science Education (HBCSE), Mumbai, from September 30<sup>th</sup> to October 3<sup>rd</sup> 2015.
- (ii) Summer Research Fellowship (Teacher category), IASc (Bangalore), INSA (New Delhi) and NASI (Allahabad) 2009
- (iii) Indian chemical society award (Organic and Biochemistry section) Indian Chemical Society 2014

**Membership:**

Life Member of Indian Chemical Society, Kolkata