

BIO-DATA

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3. Institution : Sibsagar College, Joysagar
4. Date of joining in the institution
(Sibsagarh College) :02/08/2016
5. Date of Birth : 07/07/1980
6. Gender(M/F/T) : M
7. Category Gen/SC/ST/OBC : OBC
8. Whether differently abled (Yes/No) : No
9. Academic Qualification (Undergraduate Onwards):

Sl. No.	Degree	University/Institution	Year	Subject
1	B. Sc	Dibrugarh University	2001	Chemistry (Hons), Physics, Maths.
2	M.Sc.	Gauhati University	2003	Chemistry (Organic)

10. Ph.D Details:

Title: "Organic reactions catalyzed by copper and palladium compounds with a focus on carbon-carbon bond formations".

Guide Name :Dr. ProdeepPhukan.

University: Gauhati University.

Year of award: 2014.

11. Work experience (in chronological order).

Sl. No.	Position held	Name of the institute	From	To
1.	Project fellow	Chembiotek Research International, Salt Lake city, kolkata	02.06.2004	01.02.2005.
2.	JRF	NEIST (formerly RRI), Jorhat, Assam	07.02.2005	27.01.2006.
3.	Assistant Professor	Aryavidyapeeth College	02.02.2006	01.09.2016

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

Sl. No.	Name of Award	Awarding Agency	Year
1.	Junior Research Fellowship (NET-JRF)	Council of Scientific and Industrial Research- (CSIR-HRDG)	2005
2.	Summer Research Fellowship (Teacher category)	IASc (Bangalore), INSA (New Delhi) and NASI (Allahabad)	2009
3.	Indian chemical society award (Organic and Biochemistry section)	Indian Chemical Society	2014

13. Publications (List of papers published in SCI Journals, in year wise descending order)

Sl. No.	Author (s)	Title	Name of journal	Volume	Page	Year
1	Kalita, P. K.; Borthakur, S. K.;	Efficient synthesis of homoallylic alcohols/amines from	Synthetic communication	45	2444-2453	2015

	Das, R.; Choudhury, C. J.	allyltributylstannane and carbonyl compounds/imines using iodine as catalyst under acetic acid-water medium				
2.	Borthakur, S. K.; Borthakur, S.; Goswami, D.; Boruah, P.; Kalita, P.K.	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.	Kalita, P.K. ; Phukan, P.	Facile chemoselective carbonyl allylation of chalcones with allyltributylstannane catalyzed by CuI	Tetrahedron Letters	54	4442-4445	2013
4.	Kalita, P.K. ; Phukan, P.	SnCl ₂ .2H ₂ O mediated Barbier type allylation: A comparative evaluation of catalytic performance of CuI and Pd(OAc) ₂ .	Comptes Rendus Chimie	16	1055-1062	2013
5.	Kalita, P.K. ; Phukan, P.	A three-component synthesis of homoallylic amines catalysed by CuI.	Tetrahedron Letters	49	5495-5497	2008
6.	Kalita, P.K. ;	Allyltrimethylsilane (Spotlight article).	Synlett		2080-2081	2008
7.	Kalita, P.K. ; 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

14. Seminar/workshop attended and participated:

Sl. No.	Name of the Seminar/ Conference/ Symposia Workshop, etc.	State level/National level	Place and date

01	<i>International Symposium on Advances in Organic Chemistry</i>	<i>International Conference</i>	<i>School of Chemical Sciences, M. G. University, Kottayam, India, from 9th to 12th January, 2006.</i>
02	<i>Workshop on Chemistry Education: Past, Present and Future</i>	<i>National Conference</i>	<i>Dept. of Chemistry, Gauhati University. Held on 5th May, 2006.</i>
03	<i>2nd Mid year Symposium of Chemical Research Society of India (CRSI)</i>	<i>National Conference</i>	<i>IIT- Guwahati, held on 21st July, 2007.</i>
04	<i>10th CRSI National Symposium in Chemistry</i>	<i>National Conference</i>	<i>IISc. Bangalore, held in 1-3rd February, 2008.</i>
05	<i>National Seminar on Recent Advances in Natural Product Chemistry</i>	<i>National Conference</i>	<i>Dept. of Chemistry, Gauhati University, Guwahati, held in February 22-23, 2008.</i>
06	<i>National Seminar on Population, Environment and Development in North East India</i>	<i>National Conference</i>	<i>AryaVidyapeeth College, held on 20th to 21th October, 2009</i>
07	<i>Symposium on Examination reforms</i>	<i>State level symposium</i>	<i>AryaVidyapeethCollege, held on 18th 2012.</i>
08	<i>National Seminar on Chemistry Education and Research and National Convention of Chemistry Teachers (NCCT-12)</i>	<i>National seminar</i>	<i>Dept. of Chemistry, Gauhati University, Guwahati, held in November 1-4, 2012.</i>
09	<i>National Seminar on Emerging Trends in Chemical Sciences-2012</i>	<i>National seminar</i>	<i>Dept. of Chemistry, Gauhati University, Guwahati, held in March 30-31, 2012.</i>
10	<i>National Seminar on Biodiversity: Conservation, Crisis and Sustainable use</i>	<i>National seminar</i>	<i>Nanda NathSaikia College, Titabar, held in 29th to 30th September, 2014.</i>
11	<i>Annual convention of Chemists 2014</i>	<i>National seminar</i>	<i>Kurukshetra University, Kurukshetra, Haryana, held in December 09-12, 2014.</i>
12	<i>52nd Annual convention of Chemists 2015</i>		<i>JECRC University, Jaipur, Rajasthan, held in 28-30th December' 15</i>

13	National Symposium on Natural Products: prospects & Perspectives		CSIR-NEIST, Jorhat held in 21-22 March,2016
14	National Seminar cum workshop on advances in Science and Technology and pertinent need of Instrumentation		Sibsagar College, Joysagar held in 9-11 th September 2016.
15	National Thematic Workshop on Advances in Nanostructured materials:Applications and perspectives,2016	<i>National workshop</i>	Assam Kaziranga University, Jorhat, held in 1-2 June, 2016.

15. Detail of patents.

Sl No.	Patent Title	Name of applicants	Patent No.	Awaed Date	Agency/ Country	Status
1.	Synthesis of novel pyrrolo (1',2':1,6),-piperidino(1',2':1,6) tetrahydropyrido(2,3-B)-quinoline	Bhuyan, P.; Devi, I.; Kalita, P. K.	0335/NF/2005	-	India	PP

16. Project details:

Title of the Project	Name of the Funding Agency	Duration	Amount
ASYMMETRIC ALLYLATION OF ALDEHYDES AND ALDIMINES BY ALLYLTRIMETHYLSILANE USING CHIRAL LIGANDS	UGC (minor research project)	18 months	Rs. 1,80,000.00

17. Books/Reports/Chapters/General articles etc:

Sl No.	Book/Chapters	Title	Author's name	Publisher	Year of publication
1	Summary of	Carbon-	Dr.	Assam College	2014

	doctoral thesis Vol:VI, ISBN: 978-81-920635-5- 4	carbon bond formation- an introduction	PabitraKumar Kalita	Teachers' Association	
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15. Any other Information

a. Academic:

Attending **Resource generation camp** conducted at HomiBhaba Centre for science Education (HBCSE), Mumbai, from September 30th to October 3rd 2015.

b. Social service activities:

- i. Organising a **Blood donation camp** at AryaVidyapeeth College in association with B. Barooah Cancer Institute on 24th September 2013.
- ii. Two times conducting **Trekking Expedition Programme** with the NCC cadets of AryaVidyapeeth College from LakharaChariali to BasisthaMandir viaGarbhanga Reserve forest on 7 January 2013 and 29th June 2014.

c. Scientific skills:

i. **Analytical techniques:**

UV-Visible, IR, ¹H and ¹³C NMR, MASS, HPLC, Column chromatography etc.

ii. **Synthetic techniques:**

Familiar with various synthetic procedure used in organic synthesis, asymmetric synthesis, heterocyclic chemistry, crystallization techniques etc.