

Name: **Dr. Pankaj Kalita**

Date of birth: **01-05-1979**

Qualification: **M.Sc., PhD [NET and GATE (2003) qualified]**

Date of Joining: **23-01-2006**

**Present position: Assistant Professor**

Complete Postal Address: **Department of Chemistry, Arya Vidyapeeth**

**College**

**Gopinath Nagar, Guwahati, PIN: 781016, State-Assam**

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Educational Qualifications:

Name of Examination	Board/University	Year	Rank	Division
HSLC	SEBA	1996		I
HS	AHSEC	1998		II
B.Sc	GU	2000		I
M.Sc.	GU	2002		I
PhD	GU	2011		

***PhD topic:***

**Studies on the effects of phenol, amine and alcohol on the reactivity of triphenyltin hydride towards olefinic bond in alpha, beta-unsaturated esters.**

***Area of interest: Organic Chemistry***

### ***Important recent publications***

1. **P Kalita**, D Choudhury, D C Deka, Effect of phenols, amines and alcohols on the reactivity of triphenyltin hydride toward olefinic double in alkyl cinnamates, *IJCB*, **51B**, **2012**, 646-649.
2. **P Kalita**, D C Deka, Steric effect in regioselective hydrostannation of alkyl *o*-alkoxycinnamates with triphenyltin hydride, *JICS*, **91**, **2014**, 1351-1353.
3. **P Kalita**, Synthesis of sterically hindered alkyl *o*-alkoxycinnamates using Wittig olefination followed by Williamson reaction, *RTRST*, **15**, **2014**, 32-40.
4. **P Kalita**, Thin Layer Chromatographic investigation on leave of *Leucas Aspera* extracted in Ethanol and Dichloromethane, *Int. Res. J. Biological Sci.*, **4(7)**, **2015**, 69-72.
5. **P Kalita**, Studies on the behavior of Ethanolic and Dichloromethanic leaf extract of *Cynodon dactylon* from Assam using Thin layer chromatography, *Res. J. Recent Sci.*, **5(3)**, **2016**, 24-27.

### ***Teaching and Research Experience:***

(a) Teaching experience:

UG: **10** Years

PG: **01** Years

(b) Research experience:

**11** year

***Participation in Teacher's UGC sponsored Training programme:***

***Orientation program:***

- (a) In UGC-ASC, Gauhati University, 2<sup>nd</sup> to 28<sup>th</sup> Nov, 2009.

***Refreshers course:***

- (a) In UGC-ASC, North Eastern Hill University, 23<sup>rd</sup> Feb to 15<sup>th</sup> March, 2011.

- (b) In UGC-HRDC, Benaras Hindu University, 8<sup>th</sup> to 28<sup>th</sup> Dec, 2015.

***Participation in corporate Life:***

**(a) Member of committee and Cell:**

- (i) NAAC construction sub-committee
- (ii) Admission Committee
- (iii) NAAC electricity sub-committee
- (iii) Anti-ragging cell
- (iv) Examination Branch
- (v) Adventure club
- (vi) Construction sub-committee
- (vii) IQAC feedback team
- (viii) Budget Committee
- (ix) Botany seminar Committee

**(b) Participation in other activity:**

- (i) Teacher in charge of major games
- (ii) Teacher in charge of minor games
- (iii) Badminton and football judge in a student game
- (iv) PG-chemistry coordinator
- (v) Teacher in charge of gymnasium.

***Life membership:***

- (a) Association of Chemistry Teachers.
- (b) Indian Association of Women Studies.
- (c) Asom Sahitya Sabha.

**Any other information:**

Projects Completed:

**“Synthesis and Characterization of some transition metal azo complexes of acetylacetone and ethylacetoacetate”**

Funding Agency: UGC-NERO

Duration: 1.5 Years (2014-2015)