

1. Name and Address (with Mobile No. and Email Address):

DR DIPJYOTI KALITA

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2. Educational Qualification:

Sl. No.	Name of the Examination/Degree	Subject/Specialization	School/College/University
01	HSLC	English, Hindi, Mathematics, Science, Social Studies	JNV Nalbari
02	HS	English, Chemistry, Physics, Mathematics, Biology	JNV Sonitpur
03	B Sc	Chemistry (Honours)	Gauhati University
04	M Sc	Chemistry (Organic Chemistry)	Gauhati University
05	Ph D		IIT Guwahati

3. Professional Experience: Assistant Professor (11 Years 4 Months)

4. Publications:

- i. **D. Kalita**, J. B. Baruah, 1-Phenyl-3-(quinolin-5-yl)urea as a host for distinction of phthalic acid and terephthalic acid, *Journal of Chemical Sciences* (2013) 125, 267-273.
- ii. **D. Kalita**, R. Herbst-Irme, D. Stalke, J. B. Baruah, Coordination polymers of sodium 2-(quinolin-8-yloxy)propionate : receptor for selective metal ions, *Polyhedron* 44 (2012) 52-58
- iii. B. Nath, **D. Kalita**, J. B. Baruah, Zwitterionic metal carboxylate complexes: in solid state, *Solid State Sciences* (2012) 14, 880-884.

- iv. **D. Kalita**, J.B.Baruah. Acid inclusion properties of helical self-assembly of 5,5'-biquinoline derivative. *Crystal Growth and Design*, 2011, 11, 5131–5138.
- v. J. Nath, **D. Kalita**, J. B. Baruah, Role of hydrogen peroxide in Synthesis of nitrogen heterocycle containing cobalt complexes, *Polyhedron* (2011) 30, 2558-2563.
- vi. B. Nath, **D. Kalita**, J. B. Baruah, Five coordinated dicarboxylate complexes of copper (+2) and zinc (+2), *Journal of Coordination Chemistry* (2011) 64, 2545-2553.
- vii. **D. Kalita**, J. B.Baruah, Selectivity in metal ions mediated C-N bond formation reactions of 8-aminoquinoline derivatives, *Journal of Physical Organic Chemistry* (2012) 25, 169-175.
- viii. **D. Kalita**, H. Deka, S. S. Samanta, S. Guchait, J. B. Baruah, Interactions of amino acids, carboxylic acids, and mineral acids with different quinoline derivatives, *Journal of Molecular Structure* (2011) 990, 183-196.
- ix. **D. Kalita**, J. B. Baruah, Visual distinction of dicarboxylic acids and their salts by 1-phenyl-3-(quinolin-5-yl)urea, *Journal of Molecular Structure* (2010) 969, 75-82.
- x. **D. Kalita**, J. B. Baruah, Different spatial orientations of amide derivatives on anion coordination, *CrystEngComm* (2010) 12, 1562-1567.
- xi. **D. Kalita**, J. B. Baruah, Rearrangement of 2-bromo-N-quinoline-8-yl-acetamide leading to new heterocycle, *Journal of Heterocyclic Chemistry* (2010) 47, 459-462.
- xii. D. SureshBabu, W. M. Singh, **D. Kalita**, J. B. Baruah, Solvatochromicity of 3-hydroxy-4-(1-(2,4-dihydroxyphenyl)-2-hydroxy-2,2-diphenyl ethylidene)cyclohexa-2,5-dienone for screening of solvents, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* (2010) 75, 486-489.
- xiii. A. Karmakar, **D. Kalita**, J. B. Baruah, Structural study on few co-crystals and a salt of quinoline derivatives having amide bond, *Journal of Molecular Structure* (2009) 935, 247-527.

xiv. R. Sarma, **D. Kalita**, J. B. Baruah, Solvent induced reactivity of 3,5-dimethylpyrazole towards zinc (II)carboxylates, *Dalton Transactions* (2009) 7428-7436.

xv. **D. Kalita**, R. Sarma, J. B. Baruah, Catalytic alcoholysis of quinolin-8-yl esters by manganese complexes, *Inorganic Chemistry Communications* (2009) 12, 559-571.

xvi. **D. Kalita**, R. Sarma, J. B. Baruah, Formation of symmetry non equivalent molecules in urea and carbamate derivatives: role of anion, *CrystEngComm* (2009) 11, 803-810.

5. Courses and Workshops Attended:

Sl. No.	Name of the Course / Summer School	Place	Duration	Sponsoring Agency
1	102 th Orientation Programme	ASC, Gauhati University, Guwahati	4 Weeks, from 15 th December 2014 to 11 th January 2015	UGC-ASC
2	SHORT TERM TRAINING PROGRAMME	Suren Das College, Hajo in collaboration with TLC, Tezpur University	01 week from 4 th February to 9 th February, 2019	MHRD
3	Refresher Course in Chemistry	HRDC Pondicherry University	Two weeks, 8 th October to 21 st October 2020	UGC-HRDC

6. Seminar/Conference Attended: 03

7. Research Projects (Completed/Undergoing): NIL

8. Extra-Curricular Activities: NIL

9. Membership of various Bodies or Associations (if any): Member, Examination Board, Prospectus committee, Admission Committee, etc.

10. Any other relevant information: Working as Website Administrator on Bhattadev University since February, 2020.