

CV

Name: Dr Rajib Lochan Sarma

Designation & Department: Assistant Professor, Department of Chemistry

Academic Qualification

Degree	Name of the institution	Year of passing/obtaining degree
10th	Makhibaha H S School	1994
12th	Makhibaha H S School	1997
BSc	Bajali College	2000
MSc	Cotton College	2002
MPhil	-----	
PhD	Gauhati University	2010

Publications in Journals:

a) Names of the paper (International/National/Regional Level):

International :

- (a) Structure and stability of sugar radical nucleotides - *journal of molecular structure*- Rajib L Sarma and C Medhi
- (b) Structure and stability of sugar radical nucleotides - *journal of molecular structure*- Rajib L Sarma , M Karim and C Medhi
- (c) *Ab initio* study on the nature of stacking between azaacridine -4 -carboximidees with base pairs of DNA- *journal of molecular structure*- Bipul Bezbaruah , Rajib L Sarma, Manash Lochan Das , M Karim and C Medhi

National:

- (a) *Ab initio* molecular orbital and force field calculation on the intercalation of daunomycine with GC base -pair and intercalation within DNA- *Indian Journal of Chemistry(B)*- Rajib L Sarma , Rituraj Kalita, M Karim , B Bezbarua & C Medhi
- (b) Theoretical studies on the initiation of alkylation pathway by aziridine ring of mitomycin C at guanine nucleobase of DNA- *Indian Journal of Chemistry(B)*- M Karim ,Rajib L Sarma & C Medhi
- (c) Prediction of *pKa* from basic principles : *Ab initio* and DFT studies on some molecules - *Indian Journal of Chemistry(A)*-Pankaj Hazarika , Rajib L Sarma, M Karim , B Bezbarua, R Kalita & C Medhi
- (d) Model study on the sequence specific stacking by chromophore of an anticancer drug, aziridine carboximide with base pair of DNA-- *Indian Journal of Chemistry(B)*- Raghav Parajuli ,Rajib L Sarma, M Ldas & C Medhi

Publications in Books: Nil

- a) Names of the Chapters in Books:
- b) Names of the Books edited:

Publications in Newspaper/Magazine etc: **Nil**

Acted as Resource Persons(if any): Nil

Workshop/Seminar/Short-term course attended:

TEQIP, National Course on “Theoretical and practical aspects of Cancer Research” from February 4th to 8th 2016 held at IIT G, Guwahati.

The civil defence training camp June 23rd to 26th 2015 conducted by Civil Defence Authority, Goalpara at Bajali College, Pathsala.

Guideship (Yes/No): Nil

Patent Registered (if any): Nil

Award received (if any): Nil

Engagements with the College (other than academics): CTO,7 Assam Bn. (Army Wing)
Bajali College , Pathsala

Hobbies/Interests: Sports

Any other relevant Information: Nil