

PERSONAL PROFILE

1. Name of the Teacher : **Dr. Sujit Ranjan Acharjee**
2. Department : Chemistry
3. Designation : Associate Professor
4. Email id : sujitaracharjee@rtuassam.ac.in
5. Contact no. : 9435069311
6. Teaching Experience : 26 Years 4 Months (up to 31st December, 2023)



Class	Teaching Experience (years)	Topics
UG	26	Organic Chemistry, Molecular Spectroscopy
PG	3	Organic Reaction Mechanism, Stereochemistry, Physical Organic Chemistry, Molecular Spectroscopy
PhD Course work	1/2	Spectroscopic identification of molecules, Phytochemistry, Nano Chemistry.

7. Research area of interest : Phytochemistry, Green Chemistry, Nano Chemistry, Environmental Chemistry.
8. Google Scholar ID : B8ZaaCMAAAAJ
9. Vidwan ID : 49873
10. Academic activities :

a. Attended many National and International Seminars, Conferences, Webinars and workshops.

b. Details of publications in UGC recognized/Peer reviewed/Indexed journals:

i. S K Bhattacharjee, R Mukherjee, D Hazarika, A Chakraborty, S R Acharjee, *Synthesis of Bioactive organosulfur compounds from phenylisothiocyanate (PITC)*, Acta Ciencia Indica Chemistry, 33 (3), 295 – 298, 2007.

ii. S K Bhattacharjee, D Hazarika, S R Acharjee, P Bagchi, A Chakraborty, *Studies to evaluate the bioactivity of three different sulfenyl compounds*, Journal of Pharmacy and Chemistry, 1 (4), 182 – 189, 2008.

iii. S Sarkar, S Mitra, S Kumar, S R Acharjee, *A Study on Drinking Water Quality of Educational Institutional Area of Hamren Sub-Division of Karbi Anglong District of Assam, India*, International Journal of Chemical Sciences, 10 (4), 1977 – 1990, 2012.

iv. S R Acharjee, S K Bhattacharjee, *Formation and disproportionation of arene sulfenic acids*, IOSR J Appl Chem, 3, 40 – 45, 2013.

v. C M Sharma, S R Acharjee, P Baruah, S Sarkar, *Simple way of Preparation of Natural Antiseptic Cream and Composition of its Antimicrobial Activity with Commercially Available Antiseptic*, International Journal of Research and Analytical Reviews, 6 (1), i833 – i835, 2019.

e. Publication of Chapter(s) in Books:

i. S R Acharjee, *Studies on some Sulfur - Carbon and Sulfur - Other hetero atom Bond Formation Reactions with Sulfenium carriers*, Book Title: Summary of Doctoral Thesis (Vol III), ISBN 978-93-

85310-07-2, Editors: Lakshman Patgiri, Dr. Ranjit Ranjan Saikia, Anup Kumar Dey, Publisher: Assam College Teachers' Association, Publication Year: 2015, Page: 104 – 114.

ii. S R Acharjee, *Effect of Concentrated Mineral Acids on Soil Ecosystem*, Book Title: Role of Biodiversity Conservation in Promotion of Adventure Tourism & Entrepreneurship, ISBN: 978-93-85310-48-5, Editors: Dr. Caroline Basumata & Dr. Dulumoni Tamuly, Conference Proceedings, Publication Year: 2019. Page: 96 – 101.

h. Research Projects:

Completed

Principal Investigator/ Co-Investigator (s) and Department (s)	Title of the project	Funding Agency	Duration	Amount(Rs.)
Principal Investigator Department of Chemistry. Hojai College	Sulfonylation Reactions of Diphenyldisulfides mediated by Metal ions - A Study	UGC	2013 – 2018	117000
Principal Investigator Department of Chemistry. Hojai College	Studies on some Sulfur - Carbon and Sulfur - Other Hetero atom Bond Formation Reactions with Electrophilic Sulfur Compounds	UGC	2004 - 2007	80000

i. Membership in Professional Bodies:

- Indian Science Congress
- Assam Science Society.
- Society of Chemical Education, Assam.

j. Membership in Committees:

- Website Maintenance and Supervisory Committee of Rabindranath Tagore University.
- Departmental Research Committee of Chemistry Department.
- Advisory Committee of Rabindranath Tagore University Students' Union.

k. Extension Activities/Outreach programme conducted in collaboration with industry / community / NGOs /through NSS/NCC/Red Cross/ Youth Red Cross etc.:

Conducted many outreach programmes in different educational institutions of Hojai District for popularization of Science and Environment Awareness.

Signature of Teacher in full.....