Curriculum Vitae

Contact details	
Email: sujit2484@gmail.com	**Phone no. +91 9434961143 (M)**

Teaching Interest:
Organic Name Reactions, Reagent Chemistry, Pericyclic Reactions, Heterocyclic Chemistry, Organic Spectroscopy

Research Interest:
New Reaction Methodologies, Green Chemistry, Organometallic Chemistry

Name: Dr. Sujit Ghosh
Assistant Professor
Raiganj Surendranath Mahavidyalaya

Date of joining: 17.03.2010 [13 years+]

Educational Details

Sl. no.	Degree	School / College / University	Year	%age of Marks
1.	Madhyamik	Raiganj Coronation High School	2000	87%
2.	Higher Secondary	Raiganj Coronation High School	2002	80%
3.	B.Sc (Chemistry)	Raiganj University College	2005	69%
4.	M.Sc (Organic Specialization)	University of North Bengal	2007	77%
5.	Ph.D	University of North Bengal	2017	-

Tittle of Ph.D. Thesis:

"GREENER APPROACH TOWARDS ORGANIC TRANSFORMATIONS: APPLICATION OF TRANSITION METAL CATALYSTS AND ECO-FRIENDLY REACTION MEDIA"

Supervisor:

Professor Basudeb Basu, Dept. of Chemistry, University of North Bengal

Competitive exams qualified:
CSIR-NET (2007), SET (2008), BARC (2008), GATE (2009)

Teaching & Research Experience

Sl. no.	Designation	School / College / University	Time period
1.	Assistant Teacher	Dwarin High School	20.09.2007 to 31.05.2008
2.	Research Scholar **(CSIR-JRF)**	Dept. of Chemistry, NBU [For Ph.D. degree]	02.06.2008 to 16.03.2010
3.	Assistant Professor **(Stage-1)**	Raiganj Surendranath Mahavidyalaya	17.03.2010 to 16.03.2016
4.	Teacher Fellow **(UGC-FDP)**	Dept. of Chemistry, NBU [For Ph.D. degree]	20.08.2014 to 19.08.2016
5.	Assistant Professor **(Stage-2)**	Raiganj Surendranath Mahavidyalaya	17.03.2016 to 16.03.2021
6.	Assistant Professor **(Stage-3)**	Raiganj Surendranath Mahavidyalaya	17.03.2021 to till date

Other job opportunities	
1.	Selected as Chemist in **Chembiotech**, Kolkata in 2007 **(not joined)**
2.	Selected as Chemist in **Indian Institute of Petroleum**, Dehradun in 2007 **(not joined)**
3.	Recommended as Lecturer in Chemistry at **Jalpaiguri Govt. Engineering College** in 2010 by WBPSC **(not joined)**

List of Research Publications and Review Articles

Research Publications

1. "Highly effective alternative aryl trihydroxyborate salts for a ligand–free, on–water Suzuki–Miyaura coupling reaction" Basudeb Basu*, Kinkar Biswas, Sekhar Kundu and **Sujit Ghosh**, *Green Chem.*, **2010**, *12*, 1734–1738. **(IF: 11.03)**

2. "Graphene oxide (GO) or reduced grapheme oxide (rGO): efficient catalysts for one pot metal–free synthesis of quinoxalines from 2–nitroaniline" Babli Roy, **Sujit Ghosh**, Pranab Ghosh and Basudeb Basu*, *Tetrahedron Lett*., **2015**, *56*, 6762–6767. **(IF: 2.03)**

3. "Cyclic ammonium salts of dithiocarbamic acid: stable alternative reagents for the synthesis of *S*–alkyl carbodithioates from organyl thiocyanates in water", Kinkar Biswas, **Sujit Ghosh**, Pranab Ghosh and Basudeb Basu*, *J. Sulfur Chem*., **2016**, *37*, 1–16. **(IF : 2.35)**

4. "An unexpected *ortho*–hydroxyl effect in metal catalyst–free A^3 coupling reaction", **Sujit Ghosh**, Kinkar Biswas, Pranab Ghosh and Basudeb Basu*, *Beilstein J. Org. Chem*., **2017**, *13*, 552–557. **(IF: 2.54)**

5. "Stabilized Cu_2O Nanoparticles on Macroporous Polystyrene Resins [Cu_2O@ARF]: Improved and Reusable Heterogeneous Catalyst for On-Water Synthesis of Triazoles via Click Reaction" **Sujit Ghosh**, Debasish Sengupta, Sankar Saha, Shreyasi Chattopadhyay, Goutam De* and Basudeb Basu*, *Ind. Eng. Chem. Res.*, **2017**, *56* (41), 11726–11733. **(IF: 4.32)**

Review Articles Published

1. "Advances and Prospects of Graphene Oxide (GO) as Heterogeneous 'carbocatalyst'", Debasish Sengupta, **Sujit Ghosh** and Basudeb Basu*, *Current Org. Chem.*, **2017**, *21*, 834–854. **(IF: 2.23)**

2. "Microwave-induced Triazole Synthesis via 1,3-dipolar azide-alkyne cycloaddition: Recent Advances", **Sujit Ghosh** and Basudeb Basu*, *Current Green. Chem.*, **2017**, *3*, 19 –213. **(Peer Reviewed)**

3. "Task-Specific Properties and Prospects of Ionic Liquids in Cross-Coupling Reactions" Bablee Mandal, **Sujit Ghosh** and Basudeb Basu*, *Top. Curr. Chem.*, **2019**, *377*, 1– 43. **(IF: 7.41)**

4. "Ion-exchange Resins and Polypeptide Supported Catalysts: A Critical review", Kinkar Biswas, **Sujit Ghosh** and Basudeb Basu*, *Current Green Chem.*, **2020**, *7*, 40– 52. **(Peer Reviewed)**

5. "Recent Advances in Microwave Promoted C-P Cross-coupling Reactions", **Sujit Ghosh,** Kinkar Biswas and Basudeb Basu*, *Current Microwave Chem.*, **2020**, *7*, 112–122. **(Peer Reviewed)**

6. "Metal-free multicomponent approach for the synthesis of propargylamine: a review", **Sujit Ghosh,** Kinkar Biswas*, *RSC Adv*., **2021**, *11*, 2047–2065. **(IF: 4.04)**

Book Chapter Published

1. "Application of Selective Carbon-Based Nano Material for Targeted Drug Delivery", In "**Recent Advancement in Therapeutic Use of Chemical Compounds and Drug Delivery**", **Chapter-10, p. 113-126, Walnut Publishers**, **ISBN: 978-9-390785-16-2 (Paperback); 978-9-390785-24-7 (eBook), (International Publisher).**

2. "Cross Dehydrogenative Coupling" (CDC) reaction: Mechanism and intermediates with recent reports" **Chapter-2, p. 50-65, November, 2021** under Chemical Science, In "**A Book on Fascinating Science**", **Reader Service Publishers, ISBN 978-93-82623 (National Publisher).**

3. "Applications of Indole-based derivatives in Therapeutic/Medicinal Use: Recent development" **Chapter-10**, **p. 94-111**, **January**, **2022**, In **"Recent Development of Chemical Research being Implemented in Biology and Medicine" Walnut Publishers, ISBN: 978-93-5574-019-9 (Paperback); 978-93-5574-029-8 (eBook) (International Publisher).**

4. "Ion Exchange Resin: A Versatile Heterogeneous Catalyst: Recent Update" **p. 115-126, May, 2023,** In "**Application of Some Carbonaceous Materials: An Emerging Trend**" **Lambert Publishers, ISBN: 978-620-6-16133-2 (International Publisher).**

Presentation & Participation in various National and International Seminar/Workshop/Symposia			
	National	**International**	**Total**
Presented Paper (Oral/Poster)	**10**	**5**	**15**
Participation	**18**	**2**	**20**

Research interest Score	**Citations**	**h-index**	**i10-index**
136.2	**186**	**7**	**7**

	Very few Extracurricular achievements
1.	1st position in quiz (Champion), University competition 2007, NBU
2.	1st position in Cricket (Champion), University competition 2007, NBU
3.	3rd position in Adda Rivalry, University competition 2007, NBU

	Administrative activity at RSM (past/present)
1.	**Teacher-in-Charge, RSM (01.06.2021-30.11.2021)**
2.	Member, IQAC, RSM (2016 to 2022)
3.	Member, Library Committee (2022 to continuing)
4.	Member, PMU, RUSA 2.0, RSM (2018 to continuing)
5.	Secretary, RSM-ECCS (2017 to continuing)
6.	Convener, Purchase Committee, RSM (2022 to continuing)
7.	Convener, Website maintenance Committee (2022 to continuing)