

APPENDIX A:
List of Research Publications

APPENDIX B:
Oral and Poster Presentations

List of Publications (Related to Thesis Work)

1. “Sustainable and Site-Selective C–H Sulfenylation of Aromatic Compounds with Thiol using Catalytic Graphene Oxide and NaI”, **Prasun Choudhury**, Babli Roy and Basudeb Basu*, *Asian J. Org. Chem.* 2017, **6**, 1569-1574.
2. “Amine-functionalized graphene oxide nanosheets (AFGONs): an efficient bifunctional catalyst for selective formation of 1,4-dihydropyridines, acridinediones and polyhydroquinolines”, **Prasun Choudhury**, Pranab Ghosh and Basudeb Basu*, *Mol. Div.* 2020, **24**, 283-294.
3. “Graphene oxide-catalyzed two-step continuous-flow conversion of aryl amine to unsymmetrical thioether”, **Prasun Choudhury** and Basudeb Basu*, *J. Flow Chem.* 2020, **10**, 389-396.
4. “Ni-rGO-zeolite Nanocomposite: An Efficient Heterogeneous Catalyst for One-Pot Synthesis of Triazoles in Water”, **Prasun Choudhury**, Shreyasi Chattopadhyay, Goutam De*, Basudeb Basu* (Communicated).
5. “Cu@GO-SiO₂ Nanocomposite: An efficient Catalyst for C–S, C–C, C–O and C–N coupling reactions”, **Prasun Choudhury**, Kinkar Biswas and Basudeb Basu* (Manuscript under preparation).

Book Chapters (Not Related to Thesis Work)

1. “Graphene oxide nanosheets as sustainable carbocatalysts: Synthesis of medically important heterocycles”, **Prasun Choudhury** and Basudeb Basu*, in *Sustainable and Green Approaches in Medicinal Chemistry*, ed. B. K. Banik, Elsevier, pp. 47-74.
2. “Advances on Greener Processes for Triazole Synthesis via Azide-Alkyne Cycloaddition Reactions”, **Prasun Choudhury** and Basudeb Basu*, in *Advanced Synthetic Techniques*, ed. G. Brahmachari, Elsevier, Vol. 1 (Communicated).
3. “Sustainable synthesis of benzimidazoles, quinoxalines and their congeners”, **Prasun Choudhury** and Basudeb Basu*, in *Green Catalytic Systems and Solvents*, ed. G. Brahmachari, Elsevier, Vol. 2 (Communicated).

Oral Presentation

1. Regiospecific C–H Sulfenylation of Aromatic Compounds with Thiol using Catalytic Graphene Oxide and NaI, **Prasun Choudhury** and Basudeb Basu*, National Seminar on “Frontiers in Chemistry 2017-18”, Organized by Department of Chemistry, University of North Bengal, Darjeeling, India.

Poster Presentation

1. Amine Functionalized Graphene Oxide Nanosheets (AFGONs): An efficient Bifunctional Catalyst for Multicomponent Reactions at Ambient Temperature, **Prasun Choudhury** and Basudeb Basu*, International Seminar on “Frontiers in Chemistry 2018”, Organized by Department of Chemistry, University of North Bengal, Darjeeling, India.

