

LIST OF APPENDICES

APPENDIX A

List of publications

APPENDIX B

Poster Presentations& Seminar attended

APPENDIX-A

List of Publications: (Thesis related)

1. Palladium catalyzed 8-aminoimidazo[1,2-a]pyridine (AIP) directed selective β -C(sp²)-H arylation; **Biswajit Mondal**, Prasanjit Ghosh, MrinalKanti Kundu, Tapas Kumar Das and Sajal Das, *Org. Biomol. Chem.*, **2021**, 19, 360–364
2. 8-Aminoimidazo[1,2-a]pyridine (AIP) Directed Pd(II) Catalysis: Site-Selective Ortho-C(sp²)-H Arylation in Aqueous Medium; **Biswajit Mondal**, Prasanjit Ghosh, MrinalKanti Kundu, and Sajal Das, *Org. Biomol. Chem.*, **2021**, DOI: 10.1039/D0OB02510K
3. Synthesis of Pd-NHC Catalyst and Its Application to C-H Arylation & Cross Coupling Reactions towards the Synthesis of Diverse Functional Molecules-Manuscript is under preparation.

APPENDIX-B

Poster Presentations

1, “Synthesis of Benzimidazole-based Pd-NHC complex and its Application” **Biswajit Mondal**, Kunal Bose, Nisha Roy and Sajal das in the National Seminar on “**Frontier in Chemistry –2019**” organized by the Department of Chemistry, NBU & CRSI North Bengal Local Chapter

Seminar attended

1. International Seminar on “**IYPT 2019**” organized by the Department of Chemistry, NBU.