LIST OF APPENDICES

APPENDIX A:

LIST OF PUBLICATIONS

APPENDIX B:

LIST OF SEMINARS/SYMPOSIUMS/CONVENTIONS ATTENDED

APPENDIX A

LIST OF PUBLICATION

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(1) Physico-Chemical Studies of a Biologically Active Molecule (L-Valine) Predominant in Aqueous Alkali Halide Solutions with the Manifestation of Solvation Consequences.

Physics and Chemistry of Liquids, **2015**, 53, 785–801

(Included in thesis)

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(2) Exploration of inclusion complexes of neurotransmitters with β-cyclodextrin by physicochemical techniques.

Chemical Physics Letters, **2016**, 655–656, 43–50

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(3) Hollow Torus Based on Inclusion of Sparingly Soluble Amino acid investigated by Spectroscopic, Microscopic, Calorimetric and light scattering techniques.

(communicated)

(Included in thesis)

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(4) Study on Ion Pair and Triple Ion Formation of an Ionic Liquid,[(EMIM) (TOS)]in Different Solvents with the Manifestation of Solvation Consequence.

J. Adv. Chem. Sci., **2017**, 3, 515–520

(Included in thesis)

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(5) Hollow Torus Based On Inclusion of Bioactive Molecule Investigated By Surface Tension, Conductance and NMR.

Asian journal of Science and Technology, **2018**, 9, 8422-8428

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(6) Host-Guest Inclusion Complexation of 3-(2-Napthyl)-D-Alanine with α and β-Cyclodextrins Explored by NMR, FT-IR, HRMS, Surface Tension and Conductometric Studies.

Indian Journal of Advances in Chemical Science, **2019**, 7, 39-45

(Included in thesis)

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(7) Studies on Solvation Consequences of Amino Acid in Aqueous Acetaminophen leading to Human Body by Thermodynamic and Physico-Chemical Approaches.

International Journal of Innovative Science and Research Technology, **2020**, 5, 387-400

(Included in thesis)

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(8) Investigation of Inclusion Complexes of Sodium Valproate Inside into α and β-Cyclodextrins.

Asian Journal of Science and Technology, **2018**, 9, 7555-7560.

(Included in thesis)

LIST OF SEMINARS/SYMPOSIUMS/CONVENTIONS ATTENDED

(1) Sixth Chemical Research Society of India(CRSI) symposium, organized by the Department of Chemistry, University of North Bengal, August 02,2008.

(2) Frontier in Chemistry-2013 sponsored by University Grants Commission, New Delhi organized by the Department of Chemistry, University of North Bengal, February 28,2013.

(3) Indian Chemical Society 51st Annual Convention of Chemists 2014 organized by the Department of Chemistry, Kurukshetra University, December 09-12, 2014.

(4) Science Academies Lecture workshop on "Recent development on the theoretical and experimental aspects of advanced material" organized by the Department of Chemistry, University of North Bengal, September 18-19, 2015.

(5) 19th CRSI National Symposium in Chemistry, CRSI NSC-19 organized by the Department of Chemistry, University of North Bengal, July 14-16, 2016.