

### List of Research Scholars Enrolled in CIRBSc (2007-2012)

S. No	Name of PhD Student	Name of Supervisor	Name of Co-supervisor(s)	Date/Year	Title	Remarks
1	Md Tabish Rehman	Prof. Faizan Ahmad	Dr. J. K. Batra (NII)	07.11.2007 (2007-08)	Mechanism of Human Pancreatic Ribonuclease (HPR) Action: Role of stability and double stranded RNA cleavage in functional activity.	Awarded
2	Safikur Rahman	Prof. Faizan Ahmad	-	07.11.2007 (2007-08)	An Analysis of the Molecular Origin of the Thermodynamic Compensation of Urea and Methylamines Interactions with Proteins.	Submitted
3	Rinki Minakshi	Prof. Faizan Ahmad	Dr. Shahid Jameel (ICGEB)	07.11.2007 (2007-08)	Structural and functional studies on the ORF3A protein of the SARS Virus.	Awarded
4	Asimul Islam	Prof. Faizan Ahmad	Dr. Shahid Jameel (ICGEB)	18.02.2008 (2007-08)	Studies of the Conformation and Conformational Stability of NEF Protein of HIV.1	Awarded
5	Mohammad Wahid	Prof. Faizan Ahmad	Late Prof. M.A.Baig	18.02.2008 (2007-08)	Effect of Sequence Differences between Cytochromes-C from Buffalo and Horse on the Protein Folding ↔ Unfolding Pathway	Awarded
6	Md. Hamidur Rahaman	Prof. Faizan Ahmad	-	18.02.2008 (2007-08)	PROTEIN FOLDING: Conformational and Thermodynamic Characterization of States Occurring on the Folding ↔ Unfolding Pathway of Goat Cytochrome-C.	Awarded
7	Md Khursheed Alam Khan	Prof. Faizan Ahmad	Dr. A. Srinivassan (AIIMS)	18.02.2008 (2007-08)	Role of Conserved Residues in the Folding and Stabilization of Horse Cytochrome-C	Awarded
8	Nitesh Kumar Poddar	Prof. Faizan Ahmad	-	18.02.2008 (2007-08)	Effects of Size on the Protein Folding/Unfolding Equilibrium under Physiological Condition.	Awarded
9	Tanveer Ali Dar	Prof. Faizan Ahmad	-	18.02.2008 (2007-08)	Role of Chemical Chaperone methylamine in Counteracting the Deleterious Effects of Urea on the Protein: Thermodynamic, Functional and Structural Aspects.	Awarded

10	Shazia Jamal	Prof. Faizan Ahmad	-	18.02.2008 (2007-08)	Structural, Functional and Thermodynamic Studies of the pH Dependence of the Protein Folding Abilities of the Ionizable Chemical Chaperons	Awarded
11	Syed Ikramul Hasan	Prof. Faizan Ahmad	-	18.02.2008 (2007-08)	Conformational and Thermodynamics Studies of the Equilibrium, Native State- Molten Globule State- Denatured State of the Yeast Cytochrome C	Awarded
12	Dinesh Mani Tripathi	Dr. S. N. Kazim	Dr. S. K. Sarin (ILBS) and Prof. Puja Sakhuja (GBPH)	29.08.2008 (2008-09)	Rho Kinase Signaling in Animal Model of Portal Hypertension: Role of Hepatic Stellate and Endothelial cells	Continuing
13	G. Reenaroy Devi	Dr. R. K. Brojen Singh	-	29.08.2008 (2008-09)	Synchronization of Stochastic Oscillators and its Application to Biology	Continuing
14	Manish Chandra Chaudhary	Dr. S. N. Kazim	Dr. S. K. Sarin (ILBS)	29.08.2008 (2008-09)	Development of Molecular Markers for HCV Mediated Progressive Liver Disease	Continuing
15	Mohammad Arif	Dr. Sonu Chand Thakur	Prof. Kasturi Datta ( JNU)	29.08.2008 (2008-09)	Regulation of Hyaluronan Binding Protein 1 (HABPI) during the Process of Ovulation: A Natural Acute Inflammatory Event.	Continuing
16	Mohd. Younus Wani	Dr. Fareeda Athar	Dr. Amir Azam	29.08.2008 (2008-09)	Systematic Exploration of Novel Heteroaryl Azole Based Compounds and their Nanoparticles for Antiamoebic Therapeutics	Submitted
17	Prachi Joshi	Dr. Z. A. Ansari	Dr. Virendra Shankar (NPL) and Prof. Mushahid Hussain	29.08.2008 (2008-09)	Synthesis and characterization of Metal and Semiconducting Nanaoparticles and their Bioapplications	Awarded
18	Sabihur Rahman Farooqui	Dr. S. N. Kazim	-	29.08.2008 (2008-09)	Molecular Mechanisms of Life Cycle in Anti Viral Resistant Mutants of Hepatitis B Virus	Continuing
19	Shafeeq T.	Prof. Faizan Ahmad	Prof. Naseem Ahmad	29.08.2008 (2008-09)	Development of mathematical models to Predict the Release Kinetics and Distribution Profile of Anti-Cancer Drugs to Human Cancer Tissues	Continuing

20	Shah Ubaidullah	Prof. Faizan Ahmad	Dr. J. K. Batra (NII)	29.08.2008 (2008-09)	Role of Extra N-terminal Residues in the Folding and Stability of the Yeast Cytochrome C	Continuing
21	Wajihul Hassan Khan	Dr. Shama Parveen	Prof. Faizan Ahmad , Prof. Shobha Broor (AIIMS)	29.08.2008 (2008-09)	Cloning and expression of G Protein Gene of Group B Respiratory Syncytial Virus in Bacterial and Mammalian Systems and their Biophysical Characterization	Continuing
22	Abu Hasnath Md. Golam Sarwar	Dr. S. C. Thakur	Dr. Beena Khillare (NIHF) and Dr. Fareeda Athar	31.07.2009 (2009-10)	Evaluation of Toxicity and Fertility Regulation in Rats by few Medicinal Plants	Continuing
23	Archana Bhaskar	Dr. S. C. Thakur	Dr. Ritu Gupta, Dr. Lalit Kumar (AIIMS) Dr. Atul Sharma (AIIMS)	31.07.2009 (2009-10)	Role of circulating endothelial progenitor cells and angiogenic regulators in patients with multiple myeloma	Continuing
24	Bilal Ahmad	Dr. Z. A. Ansari	-	31.07.2009 (2009-10)	Nanostructured Semiconductor Metal Oxides and their Composites for Solar Cell Applications	Continuing
25	Gurpreet Kaur Narula	Prof. Faizan Ahmad	Prof. Naseem Ahmad	31.07.2009 (2009-10)	Development of Mathematical Models for Tumor Growth Dynamics	Continuing
27	Md. Jahoor Alam	Dr. R. K. B. Singh	-	31.07.2009 (2009-10)	Molecular Communication: Stochasticity and Synchronization in the Dynamics of p53 Pathway in Cancerous Cells	Continuing
28	Masarrat Afroz	Dr. S. N. Kazim	-	31.07.2009 (2009-10)	<i>In vitro</i> Study of Hepatitis B Virus Replication with the Help of Lamivudine Associated Surface Mutant Plasmid Constructs	Continuing
29	Mohammad Arshad	Dr. Fareeda Athar	-	31.07.2009 (2009-10)	Novel Heterocyclic Compounds as Potential Therapeutic Agents: Synthesis and Characterization	Continuing

30	Md. Rizwan Alam	Dr. Shama Parveen	Dr. A. K. Mukhopadhyaya (AIIMS) and Dr. Manjari Tripathi (AIIMS)	31.07.2009 (2009-10)	Study of Genetic Predisposition and Oxidative Stress Risk Factors for Alzheimer's Disease and Vascular Dementia	Continuing
31	Sheeza Khan	Dr. Faizan Ahmad	-	31.07.2009 (2009-10)	Effects of Non-methylamine Osmolytes in Counteracting the Deleterious Effects of Urea on Structure, Function and Stability of Lysozyme	Continuing
32	Syed Ali Azam	Dr. S. N. Kazim	-	31.07.2009 (2009-10)	Comparative Analysis of Hepatitis B Virus Gene Silencing by siRNA in Wild Type and Mutant Infections: an <i>in Vitro</i> Study	Continuing
33	Tazeem	Dr. Fareeda Athar	-	31.07.2009 (2009-10)	Diverse Interdisciplinary Applications of Synthetically Obtained Heterocyclic Compounds	Continuing
34	Tuhfa	Dr. Fareeda Athar	-	31.07.2009 (2009-10)	Synthesis of Novel Organic Compounds and their Application as Biocidal Agent	Continuing
35	Zaheenul Islam Siddiqui	Dr. S. N. Kazim	-	31.07.2009 (2009-10)	Transactivity of Hepatitis B Virus X-Protein Influencing the Regulation of Expression of Proteins Involved in Signaling Pathways	Continuing
36	Aruna Rani	Dr. Z. A. Ansari	Dr. Shafeeqe Ahmed Ansari	16.09.2010 (2010-11)	Synthesis and Characterization of Functionalized Quantum Dots for various Biological Applications	Continuing
37	Jitendra Kumar Maurya	Dr. Rajan Patel	Prof. Anwar Ali	16.09.2010 (2010-11)	Interaction of Gemini Surfactants with Amino Acids and their Effect on Protein Stability	Continuing
38	Khalid Anwer	Dr. Md. Imtaiyaz Hassan	Dr. Asimul Islam	16.09.2010 (2010-11)	Folding and stability studies on naturally truncated photosynthetic pigment, C-phycoerythrin from cyanobacterium <i>Phormidium tenue</i> .	Continuing
39	Manoj Kumar Patel	Dr. Shafeeqe Ahmed Ansari	Dr. B. D. Malhotra (DTU) and Dr. V. V. Agrawal(NPL)	16.09.2010 (2010-11)	Development of Nucleic Acid Biosensors for the Detection of Pathogen	Continuing

40	Md. Anzarul Haque	Prof. Faizan Ahmad	Dr. Md. Imtaiyaz Hassan	16.09.2010 (2010-11)	Role of Extra N-terminal Residues (-2 & -1) in the Folding and Stability of Yeast Cytochrome- <i>c</i>	Continuing
41	Moin Ishrat	Dr. Asimul Islam	Prof. Faizan Ahmad	16.09.2010 (2010-11)	Effect of Macromolecular Crowding on Ribonuclease-A Stabilization by Sugar Osmolytes	Continuing
42	Ravins	Dr. R. K. Brojen Singh	-	16.09.2010 (2010-11)	Understanding the Dynamics of Biological Network Using Graph Theory	Continuing
43	Sobia Zaidi	Dr. Md. Imtaiyaz Hassan	Prof. Faizan Ahmad	16.09.2010 (2010-11)	Role of Extra N-terminal Residues (-4 & -3) in the Folding and Stability of the Yeast Cytochrome- <i>c</i>	Continuing
44	Syed Ausaf Ali	Prof. Faizan Ahmad	Dr. Asimul Islam	16.09.2010 (2010-11)	Predicting Protein Stability from its Atomic Coordinates in the Protein Data Bank (PDB): an Empirical Approach	Continuing
45	Mohammad Aasif Dar	Prof. Faizan Ahmad	Dr. Md. Imtaiyaz Hassan	(2011-12)	Survival of Proteins in Urea Accumulating Cells of the Mammalian Kidney: In Vitro Studies of the Effects of Kidney Osmolytes and Urea Individually and in Combination on the Structure and Function of Proteins	Continuing
46	Ilyas Beg	Dr. Asimul Islam		(2011-12)	Relation Between Stability and Functional Activity of Proteins in the Presence of Sugar Osmolytes	Continuing
47	Nazia	Dr. Shama Parveen	Dr. Romana Ishrat	(2011-12)	Genetic Variability in E Protein Gene of Circulating Dengue Virus Strains from Delhi	Continuing
48	Muzzafar UL Hassan Mir	Dr. Rajan Patel		(2011-12)	Study the Role of Gemini Surfactants in Protein Stability in Aqueous Medium	Continuing
49	Danish Idrees	Dr. Md. Imtaiyaz Hassan	Prof. Faizan Ahmad	(2011-12)	Structural Studies on Carbonic Anhydrases Comparisons of Stability in extremes of pH and Bicarbonate Concentration	Continuing
50	Parveez Khan	Dr. Md. Imtaiyaz Hassan	Prof. Faizan Ahmad	(2011-12)	Structural Basis of Iron Homeostasis, A Structure Based Approach	Continuing

51	Amit Kumar	Dr. Shafeeque Ahmed Ansari		(2011-12)	Application of metal and metal oxide nanoparticles capped with antioxidative proteins to balance the oxidative stress in cells	Continuing
52	Farah Naz	Dr. Md. Imtaiyaz Hassan	Prof. Faizan Ahmad	(2011-12)	Structural, functional and biophysical studies on microtubule affinity-regulating kinase 4: an enzyme plays potential role in cell division	Continuing
53	Huma Naz	Dr. Md. Imtaiyaz Hassan	Prof. Faizan Ahmad	(2011-12)	Biophysical Studies on Lysosomal enzyme, the human $\beta$ -glucuronidase	Continuing
54	Meena Kumari	Dr. Rajan Patel		(2011-12)	Application of Ionic Liquids in Enhancement of Stability and Solubility of Proteins"	Continuing
55	Md. Shakir Hussain Haider	Dr. Shama Parveen		(2011-12)	Molecular Investigation of Acute Respiratory Infection (ARI) due to Respiratory Viruses Among Children in New Delhi	Continuing
56	Sabab Hasan Khan	Prof. Faizan Ahmad	Dr. Md. Imtaiyaz Hassan	(2011-12)	Role of the Conserved Residue Y97 of Horse Cytochrome-c in Its Stability and Folding	Continuing
57	Farah Deeba	Dr. Shama Parveen	Dr. Romana Ishrat	(2011-12)	Molecular Characterization of E1 Protein Gene of Chikungunya Virus Strains from Delhi	Continuing