

Ph.D Degrees Awarded - 2011

Name of the PhD Scholar	Dept/ Center	Name of the guide/s	Title of the thesis	Date of registration of the scholar	Degrees Awarded
Aditi Bhattacharya	NCBS	Panicker M. M.	Dissection of the internalization and recycling of the human Serotonin 2A(5-HT2A) receptor	24/03/2006	2011
Ajeet Pratap Singh	DBS	Rodrigues V.	Mechanisms Underlying Remodeling of an Identified Neuron in the CNS of Drosophila Melanogaster	01/05/2006	2011
Alok Kumar Maharana	Maths-Mumbai	Gurjar R.V.	A Study of Cyclic Multiple Planes	27/10/2006	2011
Anup Gopalakrishna Pillai	NCBS	Sumantra Chattarji	Cellular mechanisms of stress and antidepressant effects in the hippocampus and amygdala	21/03/2005	2011
Aruna Kumar Nayak	DHEP	Tariq Aziz	Study of Z boson production in association with b jets using CMS detector at LHC	30/09/2005	2011
Atanu Bandyopadhyay	HBCSE	Pradhan H.C.	Cognitive Studies in Relativity	07/02/2007	2011
Binny M. Mony	DBS	Shobhona Sharma	Understanding Glucose Metabolism in the Malarial Parasite and its effects on the host	24/05/2007	2011
D. Harinath	DBS	Krishanu Ray	Mechanism of Kinesin-2 Assembly in Drosophila melanogaster: in vitro Analysis of Domain-wise Interaction Amongst the Subunits	01/05/2006	2011
Debargha Banerjee	Maths-Mumbai	Ek Nath Ghate	Endomorphism Algebras of Modular Motives	24/10/2007	2011
Dinesh Kumar	DCS	Hosur R.V.	NMR Characterization of SUMO Proteins and Methodology Developments	12/01/2007	2011
Gaurav Goyal	NCBS	Sriram V.	Mitochondrial remodelling during programmed cell death in Drosophila melanogaster	27/10/2006	2011
Gayatri V.	NCBS	Gaiti Hasan	Investigating intracellular neuronal calcium homeostasis in Drosophila	09/09/2005	2011
Jaykrushna Das	DCS	Deepa Khushalani	Nonaqueous Route to Transition Metal Oxides: Their Synthesis, Characterization and Applications	13/03/2006	2011
K. Benny George	STCS	Raja N.	Solving Conjugacy Equation on Languages	23/03/2005	2011
Kousik Chandra	DCS	Chary K.V. R.	Novel Methodologies in Protein NMR and Studies on Structure, Dynamics and Interaction of Neuronal Calcium Sensor-1 with membrane	17/03/2006	2011
Madhurima Beneka Reddy	DBS	Vidita Vaidya	Stressful life events and the 5-HT2A/C receptor	16/04/2007	2011
Mithun Goswami	DCS	Pandya P. K.	Development of Methodologies in Solid-State Nuclear Magnetic Resonance and Their Applications in Material Chemistry	05/01/2007	2011
N. Ram Bhargava	DNAP	Krishnakumar E.	Dissociation Dynamics in Polyatomic Molecules due to Electron Attachment	06/09/2006	2011
Nikhil Jayant Joshi	DHEP	Tariq Aziz	Study of B0? Ds*X decays at Belle	23/11/2005	2011
Rabindra kumar Behera	DCS	Shyamalava Mazumdar	Studies of the Structure, Function and Stability of Cytochrome P450 and Analogous Heme-proteins	17/01/2006	2011

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Richa Kapoor	DBS	Vidita Vaidya	Thyroid Hormone Regulation of Adult Hippocampal Neurogenesis	05/09/2007	2011
Sameer Kamal	STCS	Borkar V. S.	Application and Analysis of Stochastic Approximation Algorithms	03/11/2006	2011
Sarang S Sane	Maths-Mumbai	Ravi Rao	The Euler Class group of a smooth, affine variety over a real closed field	14/09/2006	2011
Saswata Shannigrahi	STCS	Jaikumar Radhakrishnan	Coloring, Embedding, Compression and Data Structure Problems on Uniform Hypergraphs	22/09/2006	2011
Shamin Padalkar	HBCSE	Jayashree Ramadas	Spatial Cognition and Visualization in Elementary Astronomy Education	07/02/2007	2011
Sindhu Mathai	HBCSE	Jayashree Ramadas	Visual Depictions and Mental Visualisation of Human Body Systems in Middle School Students	18/08/2004	2011
Sourajit M Mustafi	DCS	Chary K.V. R.	Structure, Dynamics and Ca ²⁺ binding/displacement properties of EF-hand Ca ²⁺ - binding Protein	27/10/2003	2011
Suvadeep Bose	DHEP	Sunanda Banerjee	QCD Studies at LHC using CMS Detector	30/08/2005	2011
Swadhin Chandra Jana	DBS	Krishanu Ray	A Genetic Analysis of Kinesin-II Functions in the Olfactory Cilia Assembly and Functioning in Drosophila	19/06/2007	2011
Tridib Sadhu	DTP	Deepak Dhar	Emergence and Complexity in Theoretical Models of Self-Organized Criticality	04/06/2010	2011
V.G. Narasimha Kumar	Maths-Mumbai	Eknath Ghate	On Local Galois Representations attached to Automorphic Forms	31/10/2006	2011