

**Details of M.Sc. students who have obtained Degree alongwith Title of Thesis**

S.No.	Name of candidate	Date of Award	Title of the thesis
1	Tanuj Gulati	01.08.2007	Stochastic approach to neuroimaging diagnosis using fractal morphometry
2	Bhavana Shrivastava	01.08.2007	Over-Expression and Silencing of Glutaredoxin-1 using r-AAV : A model to understand redox signaling in nervous system
3	Vishal Kapoor	01.08.2007	Control of Internally and Externally Guided Actions
4	Geetika Phukan	01.08.2007	Role of Opioid Receptor in Behavior and Neurogenesis in Adult Male Zebra Finches ( <i>Taeniopygia guttata</i> )
5	K.M.Sharika	01.08.2007	Cognitive control in the programming of sequential saccades
6	Ayan Ghoshal	01.08.2007	Microglial activation and induction of multiple pro-inflammatory mediators in an experimental model of Japanese encephalitis
7	Pranav Oberoi	01.08.2007	UNDERSTANDING THE ROLE OF CaMK II $\alpha$ IN NRL-MEDIATED GENE TRANSCRIPTION IN RETINA
8	Rahul Chaudhary	01.08.2007	Alteration of molecules regulating neurotransmission in brains of adult rats on exposure to chronic nutritional deficiencies and brain injury
9	Dhrubajyoti Chowdhury	01.08.2007	Identification of signaling cascade leading to learning and memory impairment in angelman syndrome
10	Sourojit Bhowmick	01.08.2007	Differential Expression of IP-10 (CXCL-10) following Japanese Encephalitis
11	Sucharit Katyal	01.08.2007	Capacity Limitations in visual perception and the effect of modulation of attention on the capacity in perception
12	Anasuya Das	01.08.2007	Functional Neuroanatomy of Perceptual Load and Effect of Emotion on Capacity for Visual Perception of Words
13	Anindita Agarwal	01.08.2007	Modulation of inflammation mediated responses in human glioblastoma by the plant polyphenol-Epigallocatechin 3-gallate
14	Cherukuri Pitchaiah	01.08.2007	Morphological, Biochemical and Behavioral Characterization of an Inducible Mouse Model of Retinal Degeneration
15	Vivek Swarup	01.08.2007	Molecular mechanism of tumor necrosis factor receptor-1 induced neuronal death in Japanese Encephalitis: correlation with neuroinflammation and blood brain barrier damage

S.No.	Name of candidate	Date of Award	Title of the thesis
16	Anushree Tripathi	01.08.2007	Expression of opioid receptors in the human ventricular and subventricular zones during the late first and second trimester of gestation
17	Ausaf A.Farooqui	01.08.2007	Control of Goal Directed Behavior in Parkinson's Disease
18	Shruti Muralidhar	01.08.2007	Stem cell transplants in rats with spinal cord injuries
19	P.M. Rubeena Shamsudheen	01.08.2007	A study on Working Memory in Infants
20	Garima Singhal	01.08.2007	Studies on the differential regulation of the Human Short Wave (Blue) Opsin promotor by Maf family of transcription factors
21	Pavan Kumar Rambatla	17.10.2014	Studying the role of SCL/TAL1 Interrupting locus in Autosomal Recessive Primary Microcephaly
22	Shruti F.Nagaral	18.07.2017	Understanding molecular mechanism of obesity in a mouse model of Angelman syndrome
23	Gaurav Sharma	18.07.2017	Effect of Dorsomorphin on neural stem cells
24	Himali Arora	18.07.2017	Cellular and molecular mechanisms of Withania sominifera induced alterations in stemness of human neural stem cells
25	Meenakshi Bhaskar	18.07.2017	Effect of neurotropic virus infection on lumbar region of BALB/c mouse spinal cord and motor neuron cell line
26	Neeraj Kumar	18.07.2017	Large-scale brain networks get entrained during processing of periodic auditory stimuli
27	Sanakriti	18.07.2017	Genetic screening to isolate suppressors of <i>k/p-7</i> mutant
28	Utsav Mukherjee	18.07.2017	LOCALISATION AND ACTIVITY-DEPENDENT REGULATION OF LincRNA-p21 IN HIPPOCAMPAL NEURONS
29	Vini Tiwari	18.06.2018	Establishment of contact based co-culture model of human Blood Brain Barrier
30	Varsha Ramakrishna	18.06.2018	Adult Neurogenesis in House Crows ( <i>Corvus splendens</i> )
31	Tapasya Pal	18.06.2018	Regulation of Neuronal Development by Long Non-Coding RNA-Pantr1

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32	Sreyashi Chandra	18.06.2018	Identification of neuronal microtubule regulators by mapping the suppressors of <i>klp-7</i> mutant in <i>C. elegans</i>
33	Ritu Moni Borah	18.06.2018	Perception of gaze and pointing in dynamic environment
34	Kirti	18.06.2018	Effect of FOXM1 on survival responses in IDH1 R132H gliomas
35	Kasturi Biswas	18.06.2018	A Study of Microtubule Polarity in Mechanosensory Neurons of <i>Caenorhabditis elegans</i>
36	Anagh Pathak	18.06.2018	A Biophysical Model of Cross Frequency Coupling
37	Shelly Pal	03.07.2019	UNDERSTANDING NEURAL MECHANISMS OF SPATIAL NAVIGATION AND MEMORY
38	Azman Akhter	03.07.2019	Visual Word Recognition in Hindi-Urdu: A matter of orthography
39	Guneet Kaur	03.07.2019	Establishment of two-dimensional contact-based Human Blood Brain Barrier to study the effect of hypoxia on BBB integrity
40	Kirti Saluja	03.07.2019	Age-related changes in alpha and beta band oscillations in a sensorimotor task
41	Masood Ahmad Wani	03.07.2019	Atorvastatin ameliorates neural stem/progenitor cell (NSPC) death in an experimental model of Japanese encephalitis
42	Pallavi Singh	03.07.2019	Genomic editing in <i>C. elegans</i> using CRISPR cas9 system
43	Ranjit Pradhan	03.07.2019	Dysregulation of ERK5 in Down Syndrome and its rescue by DYRK1a inhibitor
44	Akanksha Goyal	31.07.2020	Identification of neuronal regulators of microtubule cytoskeleton using <i>C. elegans</i>
45	Akanksha Gupta	31.07.2020	Investigating changes in functional organisation of brain networks during illusory perception
46	Ankit Dhoundiyal	31.07.2020	Role of TET enzymes in CNS stem / progenitor cells proliferation and differentiation
47	Thakar Darshit Mahesh	31.07.2020	Dynamics of resting state transient spectral alpha bursts with age

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48	Mantosh Patnaik	31.07.2020	Adeno-Associated Virus for Imaging the Barrel Cortex of Rats
49	Mishaben Parmar	31.07.2020	UNDERSTANDING HOW VIRUSES AFFECT BRAIN
50	Nitish Kumar	31.07.2020	Role of Microtubule and Actin regulators in the dendrite development in Caenorhabditis elegans
51	Pratibha Ahirwal	31.07.2020	Correlation of Neurochemical profile to the Retinal fundus imaging features: Pilot Experiment
52	Rekha Singh	31.07.2020	LincRNAp21-mediated control of neuronal translation
53	Rishika Tiwari	31.07.2020	Seasonal and Sex Differences in Tyrosine Hydroxylase Expression in the Anterior Forebrain Pathway of House Crows
54	S Indira Priya	31.07.2020	A pilot study to understand the role of Astrocytes in Japanese encephalitis virus mediated neuroinflammation
55	Sharmistha Panda	31.07.2020	Effects of Safranal on amyloid beta-induced production of reactive oxygen species and nitric oxide from glial Cells
56	Shashwati Tripathi	31.07.2020	Effect of Tumor Necrosis Factor (TNF $\alpha$ ) on Tau expression
57	Surbhi	31.07.2020	ROLE OF MIR204-5P IN ZIKA VIRUS MEDIATED NEUROPATHOGENESIS
58	Vinsea AV Singh	31.07.2020	Characterizing variability of audiovisual speech perception based on prestimulus oscillatory features of electrophysiological brain signals