

Hema Nawani

Email: : heneuro@gmail.com

Research Experience

- 1) Dec2012 – Present – Senior Research Fellow, Translational Psychiatry laboratory, Department of Psychiatry, NIMHANS, Bangalore, India.
Research Topic – White matter alterations in obsessive compulsive disorder and their relationship with symptom dimensions: A Diffusion Tensor Imaging Study
Project Supervisor: Prof Y.C.Janardhan Reddy(Professor, Department of Psychiatry, NIMHANS, Bangalore) and Dr. G. Venkatasubramanian (Associate Professor, Department of Psychiatry, NIMHANS, Bangalore)
- 2)Feb2011-Nov2012-Junior Research Fellow,Cognitive Neuroscience Centre, Neuropsychology Unit, Department of Clinical Psychology, NIMHANS, Bangalore, India
Research Topic : EEG and fMRI correlates of cognitive and emotional decision making
Project Supervisor : Dr. Keshav Kumar, Associate Professor, Neuropsychology Unit, Department of Clinical Psychology, NIMHANS, Bangalore
- 3)Jan 2010 -June2010 - Research Trainee, Languages of Emotion, Freie University, Berlin, Germany
Research Topic - Music and Emotions - Effect of filtering on ECG frequency waves and calculation of Emotional coefficient (Ek).
Project Supervisor - Prof. Dr. Stefan Koelsch, Cluster of excellence - Languages of emotion, Freie University, Berlin, Germany
- 4) Nov2008 - July2009 - Research Assistant, Bispebjerg Hospital, Copenhagen, Denmark
Research Topic - Stereological estimation of total number of neurons (motor+interneurons) in D9 segment of turtle spinal cord.
Project Supervisor - Prof. Bente Pakkenberg, Director, and MD, Research Laboratory for stereology and Neuroscience, Bispebjerg Hospital, Copenhagen,Denmark
- 5) Oct2006-Feb2008 - Project Assistant, National Brain Research Centre, Manesar, India–
Research Topic - Study to investigate Cortico-cortical and Thalamo-cortical connections in rat and primate motor cortex
Project Supervisor - Dr. Neeraj Jain, Welcome Trust Senior Research Fellow, National Brain Research Centre, NH-8, Nainwal Mode, Near NSG Campus Manesar, Haryana

Publications/ posters / conferences:

- 1) ERP correlates of decision making and outcome evaluation in monetary and emotional situation using single outcome gambling task. Nawani. H, Kumar. K (in preparation)
- 2) Poster presentation on ERP correlates of outcome evaluation in monetary and emotional situation using single outcome gambling task in Ist National conference on Neuropsychology and Cognitive Neuroscience, NIMHANS, Nov 2011.
- 3) Abstract accepted for poster presentation - ERP correlates of outcome evaluation in monetary and romantic emotional situation using single outcome gambling task, International conference on Decision making, CBCS, Allahabad, India, Dec 2011
- 4) Attended workshop on Data Analysis techniques for Functional Brain Mapping using MRI conducted

by Cognitive Neuroscience Centre, Department of Clinical Psychology, National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore.

5) Attended summer school on Thought and Communication in National Institute of Advanced Studies (NIAS), Bangalore

Educational Qualifications

1) Masters in Biochemistry, Jamia Hamdard University, Delhi, Aggregate: 71.3% ,2004-2006

2) One Year Post Graduate Diploma in Molecular and Biochemical, Technology, Sri Venkateswara College, University of Delhi, South Campus, New Delhi ,Aggregate: 68%, 2003-2004

3) Bachelors in Biochemistry, Deshbandhu College, University of Delhi, Aggregate: 71.7% ,2000-2003

Honors/Scholarships

1) Jamia Hamdard Scholarship, Hakeem Abdul Majeed scholarship for securing second position in M.Sc Biochemistry, Jamia Hamdard University.

2) Awarded Lala Amarnath Sachdev Gold Medal for securing first position in B.Sc (hons) Biochemistry, Deshbandhu College, University of Delhi.