Projects under Cognitive Science Research Initiative (CSRI)
[2015-16]

Sl. No.	Reference No. & Project Title	PIs Name & Address	Duration (Years)	Total Cost (Rs)
1.	**SR/CSRI/26/2015** A study of functional connectivity in brain associated with cognitive impairment in ECT for depression.	Dr Preeti Sinha Associate Professor, Department of Psychiatry, National Institute of Mental Health and Neurosciences, Bangalore-560029. **Karnataka**	3	**34,33,600/-**
2.	**SR/CSRI/28/2015** Study and develop a natural language parser for Nepali language.	Dr Archit Yajnik Associate Professor, Department of Mathematics, Sikkim Manipal Institute of Technology, Rangpo-737136. **Sikkim**	3	**15,80,600**
3.	**SR/CSRI/38/2015** Development of an efficient Devanagari script input based P300 speller system for brain-computer interface.	Dr Narendra D Londhe Assistant Professor, Electrical Engineering, National Institute of Technology Raipur, Raipur-492010. **Chhattisgarh**	3	**27,10,600/-**
4.	**SR/CSRI/39/2015** Emotion recognition system for autistic children.	Dr Akansha Singh Associate Professor, Department of CSE & IT, ITM University, Gurgaon-122001. **Haryana**	3	**18,26,800/-**
5.	**SR/CSRI/49/2015** An automatic system for identification of phonological processes in children of age from 2 1/2 years to 6 1/2 years.	Dr Shashidhar G Koolagudi Assistant Professor, Department of Computer Science and Engineering, National Institute of Technology Surathkal-575025. **Karnataka**	3	**30,71,400/-**
6.	**SR/CSRI/61/2015** Design & development of brain test adequacy system to improve cognitive index of young India using noninvasive brain sensor and artificial neural networks.	Dr S.A.K Jilani Professor, Department of Electronics and Communication Engineering, Madanapalle Institute of Technology and Science, Madanapalle-517325. **Andhra Pradesh**	3	**26,69,600/-**
7.	**SR/CSRI/84/2015** Intelligent cognitive vision support for an independent lifestyle of elderly people.	Dr Smriti H Bhandari Associate Professor, Department of Computer Science and Engineering, Walchand College of Engineering, Sangli-416415. **Maharashtra**	3	**17,29,600/-**

8.	**SR/CSRI/113/2015** An exploratory investigation in children with scholastic skill disability by psychological retraining techniques.	Dr K Lakshmi Professor & Head, Department of Pharmaceutical Analysis, Sri Venkateswara College of Pharmacy, Chittoor-517127. **Andhra Pradesh**	**3**	**28,82,200/-**
9.	**SR/CSRI/127/2015** Influence of cognitive control and affective control on risk taking in adolescents.	Dr Madhavi Rangaswamy Associate Professor, Department of Psychology, Christ University, Bangalore-560076. **Karnataka**	**3**	**17,22,800/-**
10.	**SR/CSRI/138/2015** Neurobiological effects of oxytocin on social decision making in Schizophrenia: A pharmacological MRI study.	Dr Naren P Rao Associate Professor, Dept of Psychiatry, National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore-560029. **Karnataka**	**3**	**23,34,800/-**
11.	**SR/CSRI/169/2015** Study of aesthetics in product design using eye-tracking equipment from a cognitive view.	Dr Prabir Sarkar Assistant Professor, Department of Mechanical Engineering, Indian Institute of Technology Ropar, Rupnagar-140001. **Punjab**	**3**	**16,26,600/-**
12.	**SR/CSRI/184/2015** Development of cognitive retraining module for children with specific developmental disorders of scholastic skills (Specific learning Disability).	Dr Masroor Jahan Additional Professor, Department of Clinical Psychology,Ranchi Institute of Neuro-Psychiatry and Allied Sciences(RINPAS), Kanke Ranchi-834006. **Jharkhand**	**3**	**34,18,4000/-**
13.	**SR/CSRI/192/2015** 360° user interface designs: Spatial understanding.	Dr Priyanka Srivastava Senior Research Scientist, Cognitive Science Lab, International Institute of Information Technology, Hyderabad-500032. **Telangana**	**3**	**17,22,800/-**
14.	**SR/CSRI/200/2015** Understanding bisociation capabilities in Indian engineering students.	Dr H Venkateswara Reddy Professor and Head, Department of Computer Science and Engineering, Vardhaman College of Engineering, Ranga Reddy-501218. **Telangana**	**3**	**31,28,640/-**
15.	**SR/CSRI/201/2015** Understanding the cognitive processes involved in technological entrepreneurial opportunity recognition.	Dr S Madhu Professor, Department of Mechanical Engineering, MLR Institute of Technology, Laxman reddy Avenue, Dundigal,-500043. **Hyderabad**	**3**	**19,33,000/-**

16.	**SR/CSRI/203/2015** Utility on novel coated platelets as a marker for early prognostication of neurocognitive impairment following traumatic brain injury.	Dr S Arulselvi Additional Professor, Dept of Laboratory Medicine, Jai Prakash Narayan Apex Trauma Centre, All India Institute of Medical Sciences, New Delhi-110029. **Delhi**	**2**	**37,11,904/-**
17.	**SR/CSRI/229/2015** Construction of an Indian population specific brain template.	Dr Pravat K Mandal Professor, Department of Neuroimaging & Neurospectroscopy, National Brain Research Centre, Manesar Gurgaon-1220051. **Haryana**	**3**	**26,12,000/-**