

Suman Dhaka

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RESEARCH INTERESTS

Discipline: Cognitive Neuroscience, Brain Imaging (EEG,fMRI), Brain stimulation (tDCS).

Research Area: Higher order cognitive function i.e. Memory, Learning, Decision Making, Sleep.

EDUCATION

B.Tech-M.Tech(integrated), Cognitive and Neuroscience

June 2013

Centre for Converging Technologies, University of Rajasthan, Jaipur

SKILLS

- 1. Software Knowledge :* MATLAB, ArcGIS, ERDAS, ENVI, STIM², Neuroscan, E-Prime, EEGLAB.
- 2. Instrumental :* Gel electrophoresis and its variants paper chromatography, HPLC, PCR, Plant Tissue culture, Drosophila culture.
- 3. Diagnostic Techniques:* EEG, ERP, EMG, Biopac and Psychological Test, Polysomnography, tDCS.

PUBLICATION

Dhaka, S., Singh, T., Singh, M., & Kashyap, N. (2014) "Elevated cortisol and its effects on Intertemporal Choice" at 3rd *International Conference on Recent Advances on Cognition and Health*, BHU Varanasi.

Singh, T., Dhaka, S., Singh, M., & Kashyap, N. (2014) Elevated cortisol and its effects on prospective memory at 3rd *International Conference on Recent Advances on Cognition and Health*, BHU Varanasi.

N. Tripathi, N.Sharma, B. Manaswita, N. Kausik, Dhaka.S, "Self-Disclosure in Cyberspace" *28th International Congress of Applied Psychology, Paris, July 8-13, 2014*, accepted as a poster presentation.

Dhaka S., Hari S., P.S. Roy, S.Kiran Raj, "IRS P6 LISS-IV Image Classification using Simple, Fuzzy Logic and Artificial Neural Network Techniques: A Comparison Study" *Second National Conference on "Geospatial Technology in Natural Resources Management and Disaster Mitigation, February 14-15, 2014 Gulbarga, India.*

Dhaka S., JamunaRajeswaran, S. Divya, B. Niranjana, "Effect of emotion on recognition memory: An ERP study" *International conferences on cognition, Emotion, and Action December 6-8, 2013*, Presented as poster.

CONFERENCE/ WORKSHOP ATTENDED

- 3rd International Conference on Recent Advances in Cognition and Health (**ICRACH- 2014**) Varanasi, India, December 19-21, 2014.
- Second National Conference on "Geospatial Technology in Natural Resources Management and Disaster Mitigation, (February 14-15, 2014) Gulbarga, India.
- International conferences on cognition, Emotion, and Action, **ICEA-2013**(December 6-8, 2013).
- National Conference and Workshop On Recent Advance In Modern Communication Systems And Nanotechnology , **NCMCN-2011**(JANUARY 06-08,2011).
- Neuro-Cognitive Computerized Assessments Workshop Conducted By Human KarigarPvt.Ltd.(AUGUST 08-09,2011).
- Second Summer School on Cognition, **National Institute of Advanced Studies** (JULY 18-29, 2011).
- 6th Biyani's International Conference-2011(**BICON-11**) on Innovations in the Latest Healthcare Issues (September 19-21, 2011).

