

Monday 20th January 2020

TIME	SCHEDULE	SESSION CHAIRS
0845-0915 h	Breakfast	
0900-0930 h	Registration Opens (Distribution/Collection of Bags and Badges to Dignitaries) Venue: GFSU Auditorium-Conference Desk	
0930-0945 h	Welcome Address – Director, IBS, GFSU	
0945-1030 h	Keynote Address Prof. C. R. Mukundan (Prof Emeritus, IBS, GFSU, Axxonet & NIMHANS) – Cognitive modelling of neural controls and driving forces within the brain	Brig (Dr) K. K. Tripathi (IBS, GFSU)
1030-1115 h	Session I: Computational and Artificial Intelligence Plenary Talk – 1 Prof. K. Ganapathy (Apollo Healthcare) – Neurosciences in 2030 : A peep into the future	Prof. B.S. Shankaranarayana Rao (NIMHANS)
1115-1130 h	Tea Break	
1130-1300 h	Session II: Behaviour, Emotion & Cognition Plenary Talk – 2 Prof. D. M. Pestonjee (Pandit Deendayal Petroleum University) – Stress and Emotion Invited Talk – 1 Dr. Sareen Galbraith (Leeds Beckett University) – Development of “Clasp” sensor glove for management of neurological disease	Prof. Bindu M. Kutty (NIMHANS)
1300-1400 h	Lunch	
1400-1600 h	Session III: Neurophysiology Invited Talk-2 Prof. B. S. Shankaranarayana Rao (NIMHANS) – Neural Plasticity: a tool to rewire & remodel neural circuits in neuropsychiatric disorders Invited Talk-3 Dr. Kamlesh Jha (AIIMS, Patna) – Sleep related behaviours and human cognitive performance Invited Talk-4 Dr. B. N. Srikumar (NIMHANS) – Neurosteroids & Cognition	Ms. Amita Shukla (DFS, Gandhinagar)

	Invited Talk-5 Dr. Ravindra P. N. (NIMHANS) – Sleep and Cognition	
1600-1615 h	Tea Break	
1615-1715 h	Session IV- Technology and Cognitive Neuroscience Invited Talk-6 Dr. Arun Sasidharan (Axxonet) – Interfacing industrial and academic research in Cognitive Neuroscience Invited Talk-7 Mr. Chetan S. Mukundan (Axxonet) – Applications of Cognitive Neurosciences in Forensics: Industry – Academia Collaboration perspectives	Dr. Priyanka Kacker (IBM, GFSU)
1715-1945 h	Inaugural Session – Welcome Address by Hon'ble DG & VC, GFSU – Address by President of CNSI – Briefing of CNSI activities by Secretary – Felicitation of Prof. C. R. Mukundan – Address by Chief Guest – Vote of Thanks by Organising Secretary – Cultural Event	
1945-2100 h	Dinner	

Tuesday 21st January 2020

TIME	SCHEDULE	SESSION CHAIRS
0845-0930 h	Breakfast	
0930-1100 h	Session V: Clinical Neurosciences Invited Talk-8 Dr. Rakesh Balachander (NIOH) – Influence of life style factors on age related cognitive decline: Existing evidences Invited Talk-9 Dr. Kaviraja Udupa (NIMHANS) – Neuromodulation modalities in the treatment of Neuropsychiatric Disorders Invited Talk-10 Dr. Avinash DeSouza (DeSouza Foundation) – Neuropsychiatry	Dr. Hema Acharya (DFS, Gandhinagar)
1100-1215 h	Observance of Forensic Psychology Day – Opening Remarks by Director, IBS GFSU – Address by Hon'ble DG & VC, GFSU – GFSU Signing of MoU's with IIPH, Gandhinagar and Forensic Science Laboratory, Haryana – Guest Lecture by Mr. Keshav Kumar, Additional DG, ACB, Govt. of Gujarat.	
1215-1230 h	Tea Break	
1230-1300 h	Session VI: Neurolinguistics Invited Talk-11 Prof. R. K. Mishra (University of Hyderabad) – Language and Cognition	Dr Ravikesh Tripathi (IBS, GFSU)
1300-1345 h	Lunch	
1345-1415 h	Session VII: Theoretical & Computational Neuroscience – I Invited Talk-12 Dr. Arpan Banerjee (NBRC) – Multi-scale representational space of cross-modal speech perception	Dr Proshanto Kumar Saha (IBS, GFSU)
1415-1515 h	Session VIII: Neuropsychology and Cognition Invited Talk – 13 Prof. Bindu M. Kutty (NIMHANS) – Meditation, Cognition & Wellbeing Invited Talk-14 Prof. Ratna Sharma (AIIMS, DELHI) – Neurocognition & Neurocognitive Disorders	Brig (Dr) K. K. Tripathi (IBS, GFSU)

1515-1530 h	Tea Break	
1530-1630 h	Session IX: Special Scientific Session – I Presentation-1 Dr. Arathi R. (NIMHANS) – Sleep loss and Cognitive dysfunction Presentation-2 Dr. Vrinda M. (NIMHANS) – Restoration of abnormal neural networks and cognitive deficits in Temporal Lobe Epilepsy Presentation-3 Dr. Sunil J. Tripathi (NIMHANS) – Reversible Inactivation of Basolateral Amygdala Prevents Chronic Stress-induced Anxiety and Cognitive Deficits by Modulation of Hypothalamic-Pituitary-Adrenal Axis	Dr. Ravindra PN (NIMHANS)
1630-1800 h	Session X: Students' Presentation-I (Award Session) Presentation-1 Mr. Akash S. Pawar (Amity University) – Personality Correlates and Emotional Intelligence among Late Adolescents with Internet Addiction Presentation-2 Ms. Fathima Yusaira (Christ University) – Influence of Autonomous Sensory Meridian Response in different relaxation states: An Experimental Study Presentation-3 Ms. Esha Basak (University of Delhi) – Effect of Acoustics of Meditation Bowl on Brainwave Patterns: An EEG Study Presentation-4 Ms. Upasna Singh (Mohanlal Sukhadia University) – Effect of Social Intelligence on Binge Eating Disorder Presentation-5 Ms. Suwarna Chakraborty (NIMHANS) – Brain Stimulation Rewarding Experience Attenuates Depression-Induced Cognitive Deficits by Restoring Abnormal Prefrontal Cortical Plasticity Presentation-6 Ms. Manpreet Kaur (Punjabi University) – Forensic Examination of Effect of Parkinsonism on Handwriting Characteristics Presentation-7 Ms. Priyanjali Paul (Christ University) – Review of neuropsychological and electrophysiological correlates of severe conduct disorder: Implications for EEG neurofeedback intervention Presentation-8 Ms. Saraswati Patel (Banasthali Vidyapith) – Ameliorative effect of spbv01 in chronic constriction injury induced neuropathic pain in rodents Presentation-9 Mr. Priyesh C. (Kasturba Medical College)	

	– Comparing the efficacy of a combined stimuli presentation for assessing N170, N250 and vMMN	
1800-1930 h	Session XI: Students' Presentation-II (Award Session) Presentation-1 Ms. Mismita Das – Neurophysiological Changes During MGQT Based Polygraph Test: An EEG Based Study Presentation-2 Mr. Alan George (GFSU) – Emotional maturity of Kerala police in relation to job satisfaction Presentation-3 Mr. Pravesh Charan (GFSU) – Experiential Knowledge of Event based vs. Learning through repetition of information based Memory Presentation-4 Ms. Swagata Adyalkar (GFSU) – Effect of Aquatic Therapy on Gross motor skills of children with Cerebral Palsy Presentation-5 Ms. Garima Saini (GFSU) – Increase in theta spectral power and its persistence in healthy humans after exposure to blue light Presentation-6 Ms. Tilottama Khandelwal (GFSU) – A Study of Emotional Intelligence and Self Esteem of Adolescent Boys-Comparative Study between Orphanage Children and Children Living With Their Parents Presentation-7 Ms. Smita Jain (Banasthali Vidyapith) – Role of <i>Crataegus Oxyacantha</i> (Hawthorn) on scopolamine induced memory deficit and monoamine mediated behaviour in rats Presentation-8 Ms. Neha Chauhan (Banasthali Vidyapith) – Protective action of <i>Grewia asiatica</i> (phalsa) berries against scopolamine induced deficit in learning and memory using behaviour paradigms in rats Presentation-9 Ms. Megha Shah (St. Xavier's College) – Efficacy of Speech Entrainment Therapy in teaching a new language to patients with Broca's Aphasia	
1930-2015 h	Dinner	

Wednesday 22nd January 2020

TIME	SCHEDULE	SESSION CHAIRS
0930-1030 h	Session XII: Theoretical & Computational Neuroscience – II Invited Talk-15 Dr. K. P. Miyapuram (IIT, GN) – Artificial Intelligence approaches for early detection of Alzheimer's disease Invited Talk-16 Dr. Shyam Diwakar (Amrita University) – Computational Neuroscience and Neurological Conditions –Relating molecular mechanisms to neural and circuit dynamics and to cognitive functions	Dr Proshanto Kumar Saha (IBS, GFSU)
1030-1130 h	Session XIII: Free Paper Session Presentation-1 Ms. Anu Sebastian (RFSL) – Police Job Performance and its Psychological Correlates: A Study of Bangalore Rural Police Constables Presentation-2 Dr. Vismita Paul (Amity University) – Comparing the impact of duration of illness on the psychosocial factors among Epilepsy Patients. Presentation-3 Dr. Mamatha L.(RFSL) – An Impact of Use of E-Gadgets on Psychosocial Competence of Adolescents Presentation-4 Dr. Dileepkumar S. Navale (RFSL) – The Impact of Vipassana Meditation on Emotional Management Presentation-5 Ms. Priyanka Jadon – A comparative study of Forensic Psychological Assessment and Polygraph for the Detection of Deception and Innocence Presentation-6 Ms. Sakshi Khurana – Behavior of EEG Spectral Power across Probe & Signature Types during Brain Electrical Oscillation Signature Profiling	Prof Ratna Sharma (AIIMS, Delhi)
1130-1145 h	Tea Break	
1145-1230h	Session XIV Special Scientific Session – II Talk-1 Brig (Dr) K. K. Tripathi – Entrainment of Heart Rate Variability power spectrum with the task frequency: Implications for the measurement of human mental workload Talk-2 Dr. Proshanto Kumar Saha	Prof. C. R. Mukundan (Prof Emeritus, IBS, GFSU)

	– Effect of Emotional Content on False Recognition Memory Talk-3 Dr. Krishna Kumar Mishra – Emotion Regulation and Emotional Distress among Youth Talk-4 Ms. Krupa Nishar – An analysis of the extent of agreement between the outcome of Polygraph and Brain Electrical Oscillations Signature Profiling (BEOS) in their usage for the detection of deception	
1230-1330h	Session XV – Special Scientific Session – III Presentation-1 Ms. Meghna Sekar (Axxonet) – Neural activities involved in decision making to buy chocolates at the right price – An EEG based neuromarketing study Presentation-2 Mr. Varun Menon (Axxonet) – Understanding physiological changes with personality types during deception detection Presentation-3 Mrs. Ashitha Shreedharan (Axxonet) – Executive function and its clinical correlates among migraineurs Presentation-4 Mr. Kenneth Daniel (Axxonet) – Short-term Computerised Cognitive Training and Task Performance: An ERP Study	Dr. K. K. Mishra (IBS, GFSU)
1330-1400 h	Valedictory Function – Address by Director General GFSU – Certificate Distribution: Best Student Paper Award	
1400-1445 h	Lunch	
1445-1645 h	Workshop on EEG & ERP	

Poster Presentation
Tuesday 21st January 2020

TIME	SCHEDULE	SESSION CHAIRS
(1215 h onwards)	Poster-1 Ms. Viju Rajesh (GFSU) – A study on kaval – a project for psycho-social development for children in conflict with law Poster-2 Ms. Ayushi Viren Shah (SEI)	

	– Stress and achievement motivation among 12 Std science students in Ratnagiri, Maharashtra Poster-3 Mr. Dheeraj Ghughtyal (Gurugram University) – Attitude of college going students towards artificial intelligence Poster-4 Ms. Damini Nair (GFSU) – Relationship between psychopathy, impulsivity and substance use among female offenders, role of intimate partner violence Poster-5 Ms. Lipakshi Kaul (GFSU) – Executive dysfunction, emotional dysregulation, aggression and conduct disorders in children conflict with law Poster-6 Ms. Shreshtha Alok (GFSU) – Assessment of inhibitory control, empathy understanding, moral reasoning and executive functioning in male and female offenders Poster-7 Mr. Anand Rai (GFSU) – Social cognition and its EEG & ERP correlates: A review of last 20 years	
--	--	--