

**International Conference on Machine Intelligence and
Signal Processing (MISP 2017)
December 22-24, 2017**

DAY 2 (December 23, 2017)	
8.30-9.15	Breakfast Venue: School Building Ground Floor
SB 309 9.15-10.00	Keynote Talk 5: Data mining using computational intelligence Speaker: Lipo Wang, NTU Singapore Chairman: S. Dandapat, IIT Guwahati
SB 309 10:00-10.45	Keynote Talk 6: Parametric modelling of non-stationary signals Speaker: Pradip Sircar, IIT Kanpur Chairman: Lipo Wang, NTU Singapore
10:45-11:00	TEA
SB 309 11.00-11.45	Keynote Talk 7: Stressed speech analysis for evaluation of pathology Speaker: S. Dandapat, IIT Guwahati Chairman: Pradip Sircar, IIT Kanpur
SB 309 11.45-12.30	Keynote Talk 8: Novel stochastic approaches for Hospital bed occupancy and requirements forecasting Speaker: Lalit Garg, University of Malta Chairman: R.B. Pachori, IIT Indore
12.30-13.30	Lunch Venue: School Building Ground Floor
Venue SB 208/209	Group 1- Session Chair: Aruna Tiwari, IIT indore
13.30-13.45	Title: A neuro-fuzzy classification system using dynamic clustering Speaker: Heisnam Rohen Singh
13.45-14.00	Title: Key-lectures: key frames extraction in video lectures Speaker: Deepti D. Shrimankar
14.00-14.15	Title: Electromyogram signal analysis using eigenvalue decomposition of the Hankel matrix Speaker: Rishi Raj Sharma
14.15-14.30	Title: A novel saliency measure using entropy and rule of thirds Speaker: Priyanka Bhatt
14.30-14.45	Title: On construction of multi-class binary neural network using fuzzy inter-cluster overlap for face recognition Speaker: Neha Bharill
14.45-15.00	Title: A fast adaptive classification approach using kernel ridge regression and clustering for non-stationary data stream Speaker: Chandan Gautam
15.00-15.15	Title: Agglomerative similarity measure based automated clustering of scholarly articles Speaker: Rishi Rai

Venue SB 309	Group 2- Session Chair: Dipankar Deb, IITRAM Ahmedabad
13.30-13.45	Title: Detecting R-peaks in electrocardiogram signal using Hilbert envelope Speaker: M. Kiran Reddy
13.45-14.00	Title: Redesign of a railway coach for safe and independent travel of elderly Speaker: Dipankar Deb
14.00-14.15	Title: Baseline wander and power-line interference removal from ECG signals using Fourier decomposition method Speaker: Ishita Srivastava
14.15-14.30	Title: Rényi's entropy and BAT algorithm based color Image multilevel thresholding Speaker: S. Pare
14.30-14.45	Title: Experimental analysis on effect of nasal tract on nasalized vowels Speaker: Debasish Jyostishi
14.45-15.00	Title: Noise removal from epileptic EEG signals using adaptive filters Speaker: Gautam Tatiparti
15.00-15.15	Title: Investigating the Influence of prior expectation in face pareidolia using spatial pattern Speaker: Kasturi Barik
15.15-15.45	Tea/snacks
Venue SB 208/209	Group 1 - Session Chair: D. Ganga, NIT Nagaland
15.45-16.00	Title: Time-frequency-phase analysis for automatic detection of ocular artifact in EEG signal using S-transform Speaker: Priya R. Kamath
16.00-16.15	Title: PICS: a novel technique for video summarization Speaker: Gagandeep Singh
16.15-16.30	Title: Efficient methodology for estimation of vibration thresholds for electrical machines Speaker: Dhandapani Ganga
16.30-16.45	Title: Human gait state predictive using cellular automata and classification using ELM Speaker: Vijay Bhasker Semwal
Venue SB 309	Group 2 - Session Chair: Akanksha Juneja, NIT Delhi
15.45-16.00	Title: A new method for classification of focal and non-focal EEG signals Speaker: Vipin Gupta
16.00-16.15	Title: Sentiment score analysis for opinion mining Speaker: Nidhi Singh
16.15-16.30	Title: An efficient brain tumor detection and segmentation in MRI using parameter-free clustering Speaker: Shiv Naresh Shivhare
16.30-16.45	Title: Keystroke rhythm analysis based on dynamics of fingertips Speaker: Suraj

Venue SB 208/209	Group 1- Session Chair: Anand Parey, IIT Indore
16.45-17.00	Title: A review on magnetic resonance image denoising techniques Speaker: Abhishek Sharma
17.00-17.15	Title: Distinguishing two different mental states of human thought using soft computing approaches Speaker: Akshansh Gupta
17.15-17.30	Title: Automated identification system for focal EEG signals using fractal dimension of FAWT based sub-bands signals Speaker: Mamta Dalal
17.30-17.45	Title: Computationally efficient ANN model for small scale problems Speaker: Shiv Naresh Shivhare
Venue SB 309	Group 2- Session Chair: Reshma Rastogi, SAU New Delhi
16.45-17.00	Title: Machine learning for beach litter classification Speaker: Sridhar Thiagarajan
17.00-17.15	Title: Performance evaluation of large data clustering techniques on web robot session data Speaker: Hari Shrawgi
17.15-17.30	Title: Fault diagnosis of ball bearing with WPT and supervised machine learning techniques Speaker: Ankit Darji
17.30-17.45	Title: ADMET prediction of dual PPAR α / γ agonists for identification of potential anti-diabetic agents Speaker: Neha Verma
Dinner and Interaction: 18.30 onwards Venue: Ground Floor, School Building	