

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

DAY 3 (December 24, 2017)	
8.15-9.00	Breakfast Venue: School Building Ground Floor
SB 309 9.00-9.45	Keynote Talk 9: Predictive analytics based personalized clinical decision support Speaker: Savitha Ramasamy, ASTAR, Singapore Chairman: Swadesh K. Sahoo, IIT Indore
SB 309 9.45-10.30	Keynote Talk 10: TWSVM: its variants and applications Speaker: Reshma Rastogi, SAU New Delhi Chairman: M. Tanveer, IIT Indore
SB 309 10.30-11.15	Keynote Talk 11: Nature inspired optimization algorithms and their applications Speaker: Millie Pant, IIT Roorkee Chairman: Reshma Rastogi, SAU New Delhi
11.15-11.30	TEA
SB 309	Group 1 - Session Chair: Savitha Ramasamy, ASTAR, Singapore
11.30-11.45	Title: OFDM based real time digital video transmission on SDR Speaker: Rupali B. Patil
11.45-12.00	Title: Automatic attendance system using deep learning framework Speaker: Pinaki Sarkar
12.00-12.15	Title: An empirical investigation of discretization techniques on the classification of protein-protein interaction Speaker: Maheep Singh
12.15-12.30	Title: Optimal design of three-band orthogonal wavelet filter bank with stopband energy for identification of epileptic seizure EEG signals Speaker: Dinesh Bhati
SB 208/209	Group 2 - Session Chair: Deepti Shrimankar, VNIT Nagpur
11.30-11.45	Title: An automated alcoholism detection using orthogonal wavelet filter bank Speaker: Sunny Shah
11.45-12.00	Title: Detection and analysis of human brain disorders Speaker: Deeksha Tiwari
12.00-12.15	Title: A comparative performance of classification algorithms in predicting alcohol consumption among secondary school students Speaker: Deepti Sisodia
12.15-12.30	Title: Analysis of breathy, emergency and pathological stress classes Speaker: Amit Abhishek
12.30-13.30	Lunch Venue: School Building Ground Floor

SB 208/209	Group 1 - Session Chair: Hem C. Jha, IIT Indore
13.30-13.45	Title: Automatic lung segmentation and airway detection using adaptive morphological operations Speaker: Anita Khanna
13.45-14.00	Title: Optical imaging with signal processing for non-invasive diagnosis in gastric cancer: Nonlinear optical microscopy modalities Speaker: Shyam Singh
14.00-14.15	Title: Evaluating the performance of signal processing techniques to diagnose fault in a reciprocating compressor under varying speed conditions Speaker: Vikas Sharma
14.15-14.30	Title: Diagnosis of tumorigenesis and cancer Speaker: Charu Sonkar
14.30-14.45	Title: Double density dual-tree complex wavelet transform based features for automated screening of knee-joint vibroarthrographic signals Speaker: Pragya Sharma
SB 309	Group 2 - Session Chair: Nonita Sharma, NIT Delhi
13.30-13.45	Title: Extreme gradient boosting with squared logistic loss function Speaker: Nonita Sharma
13.45-14.00	Title: Comparison analysis: single and multichannel EMD based filtering with application to BCI Speaker: R.B. Pachori
14.00-14.15	Title: Identification of epileptic seizures from scalp EEG signals based on TQWT Speaker: Lokesh Singh
14.15-14.30	Title: Automated CAD identification system using time-frequency representation based on eigenvalue decomposition of ECG signals Speaker: Mohit Kumar
14.30-14.45	Title: CA-DE: Hybrid algorithm based on cultural algorithm and DE Speaker: Abhishek Dixit
14.45-15.00	Tea/Snacks
15.00-15.30	Valedictory Function