

Schedule of IHCI-2015

14 Dec-2015

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| Inaugural Session | 10:00-10:05 | Lighting of Lamp | |
| | 10:05-10:10 | Opening of the Conference | |
| | 10:10-10:25 | Welcome Address by Director IIIT-A | |
| | 10:25-10:35 | Inaugural Address/Presentation | |
| | 10:35-11:15 | Keynote address by Prof. Rosalind Picard | |
| | 11:15-11:20 | Vote of Thanks by Prof. U.S.Tiwary | |
| 11:20-11:30 | | Tea Break | |
| Technical Session 1 (11:30-13:05) Chair: Shantanu Chaudhary | 11:30-12:15 | Talk by Prof. Shantanu Chaudhary | |
| | Special Session | | |
| | 12:15-12:40 | Multiple Feature Extraction of Electroencephalograph Signal for Motor Imagery Classification Through Bispectral Analysis | |
| 12:40-13:05 | Linearity Abstraction in Scene Perception: Evaluating EEMD for Maximizing Task-Related Information in Event Related Potentials | | |
| 13:05-14:25 | | Lunch | |
| Technical Session 2 (14:30-17:00) Chair: Prof.YH Kim | 14:30-15:15 | Invited Talk by Prof. YH Kim | |
| | 15:15-15:40 | Consolidation of Concepts in the Visually Challenged and the Sighted Individuals with Special Reference to Onomatopoeic Words | |
| | 15:40-15:50 | | Tea Break |
| | 15:50-16:15 | Perception Based Decision Support System for Handwriting Behaviour Analysis | |
| | Track-Modelling Human Cognitive Processes | | |
| | 16:15-16:30 | cBDI-based Collaborative Control for a Robotic Wheelchair | |
| 16:30-16:45 | Playing Action Video Game: A Key to Cognitive Enhancement | | |
| 16:45-17:00 | Intent Recognition in a Generalized Framework for Collaboration | | |
| 15 Dec-2015 | | | |
| Technical Session 3 (10:00-13:00) Chair:Prof. Atanendu Shekhar Mondal | 10:00-10:45 | Invited Talk by Prof. Ehsan Hoque | |
| | Track-Applications | | |
| | 10:45-11:10 | Socially Acceptable Behaviour for Robots Approaching Humans using an Adaptable Personal Space | |
| | 11:10-11:35 | A Usability Study for GLCC-a Specialized Desktop Environment for Cognitively Challenged | |
| | 11:35-11:50 | Wired and Worried: Understanding Users' Emotions while Web Searching for Health Information | |
| | 11:50-12:00 | | Tea Break |
| | 12:00-12:15 | EATO Keyboard: Text Input Technique on Smart-watches | |
| | 12:15-12:30 | Vision Based Manipulation of a Regular Shaped Object | |
| 12:30-12:55 | A Computational Model to Predict Aesthetic Quality of Text Elements of GUI | | |
| 13:05-14:25 | | Lunch | |
| Technical Session 4 (14:30-17:40) Chair:Prof. Atanendu Shekhar Mondal | 14:30-15:15 | Invited Talk by Prof. Atanendu Shekhar Mondal | |
| | 15:15-15:40 | Avabodhaka: A System to Analyse and Facilitate Interactive Learning in an ICT Based System for Large Classroom | |
| | 15:40-15:50 | | Tea Break |
| | 15:50-16:05 | An Ontology Based Framework for Retrieval of Museum Artifacts | |
| | 16:05-16:20 | Trajectory Path Planning of EEG Controlled Robotic Arm using GA | |
| Track-Signal and Vision Based Interaction | | | |
| Continue..... | | | |

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| | 16:20-16:45 | Optimal Spatio-Spectral Variable Size Sub-bands Filter For Motor Imagery Brain Computer Interface |
| | 16:45-17:00 | BCI Augmented HCI for People with Limited Mobility Using an Affordable EEG Device |
| | 17:00-17:25 | Hand Drawn Optical Character Recognition |
| | 17:25-17:40 | Single Channel Speech Enhancement: Using Wiener Filtering with Recursive Noise Estimation |
| 16 Dec-2015 | | |
| Technical Session 5 (10:00-13:00) Chair:Prof. US Tiwary | 10:00-10:45 | Talk by Prof.US Tiwary |
| | 10:45-11:00 | Analysis of Human Kinetics using Millimetre-Wave Micro-Doppler Radar |
| | 11:00-11:15 | Bispectral Analysis for EEG Emotion Recognition |
| | 11:15-11:30 | Resolution of Ambiguity in Emotions in Voice |
| | 11:30-11:50 | A Framework to Plot and Recognize Hand Motion Trajectories towards Development of Non-Tactile Interfaces |
| | 11:50-12:00 | Tea Break |
| | <i>Track-Intelligent Methods and Interaction</i> | |
| | 12:00-12:25 | Digitally Transparent Interface Using Eye Tracking |
| 12:25-12:50 | Using Hall Effect Sensors for 3D Space Text Entry on Smartwatches | |
| | 12:50-13:05 | Affective Modelling of Users in HCI using EEG |
| 13:05-14:25 | | Lunch |
| Technical Session 6 (14:30-17:00) | 14:30-14:55 | Phrase and Idiom Identification in Assamese |
| | 14:30-14:55 | Aspect Based Sentiment Analysis for Movies using Review Filtering |
| | 14:55-15:20 | Initial Implementation of Natural Language Turn-Based Dialogue System |
| | 15:20-15:45 | An Approach for Automatic Pain Detection Through Facial Expression |
| | 15:45-15:55 | Tea Break |
| | 15:55-16:10 | Measurement of Cognitive Load in HCI Systems Using EEG Power Spectrum: An Experimental Study |
| | 16:10-16:25 | Mathematical Representations of Blended Facial Expressions towards Facial Expression Modelling |
| | 16:25-17:00 | Panel |