Tentative Technical Program for ACSS 2017

Day 1: March 17, 2017

Inaugural Session	10:00 - 10:30
Keynote Lecture by Prof. Khalid Saeed	10:30 - 11:30
Tea Break	11:30 - 12:00

Session 1: Biometrics — 12:00 - 13:30

Session Chair: Prof. Pradip Kumar Das

Hand biometric verification with hand image based CAPTCHA by Asish Bera; Debotosh Bhattacharjee; Mita Nasipuri

Smartwatch in Human Recognition by Paweł Kobojek; Albert Wolant; Khalid Saeed

Two-step Eye Diagnostic System Based on Retina Tomography and Optical Coherence Tomography by Emil Saeed; Maciej Szymkowski; Khalid Saeed

Typing Signature Classification Model for User Identity Verification by Tapalina Bhattasali; Rituparna Chaki; Khalid Saeed; Nabendu Chaki

Lunch Break	13:30 - 14:30

Session 2: Image Processing — 14:30 - 16:00

Session Chair: Prof. Khalid Saeed

A Novel Technique for Contrast Enhancement of Chest X-ray Images Based on Bio-Inspired Metaheuristics by Jhilam Mukherjee; Bishwadeep Sikder; Soham Majumdar; Amlan Chakrabarti; Madhuchanda Kar; Sayan Das

Ultrasound Medical Image Deblurring and Denoising Method using Variational Model on CUDA by Biswajit Biswas; Biplab K Sen; Kashi Nath Dey

Line, Word and Character segmentation from Bangla Handwritten Text - A Precursor towards Bangla HOCR by Payel Rakshit; Chayan Halder; Subhankar Ghosh; Kaushik Roy

Heterogeneous Face Matching Using ZigZag Pattern of Local Extremum Log Difference: ZZPLELD by Hiranmoy Roy; Debotosh Bhattacharjee

Tea Break	16:00 - 16:30

Session 3: Algorithms — 16:30 - 17:30

Session Chair: Prof. Aditya Bagchi

Impact of Knowledge based Semantic Discretization on Accuracy of Classification Techniques by Omprakash Chandrakar; Jatinderkumar R Saini

A framework for solution to Nurse Assignment Problem in healthcare with variable demand by Paramita Sarkar; Ditipriya Sinha; Rituparna Chaki

A Novel Bio-inspired Algorithm for increasing Throughput in Wireless Body Area Network (WBAN) by Mitigating Inter-WBAN Interference by Sriyanjana Adhikary; Samiran Chattopadhyay; Sankhyan Choudhury

Improved Product Recommendations using rule based Sentiments Mined from Ontology by Dandibhotla Santosh, etc.

Poster Session	17:30 - 18:30
Symposium Dinner	19:00 onwards

Day 2: March 18, 2017

Keynote Lecture by Prof. Agostino Cortesi	10:30 11:30	-
Tea Break	11:30 12:00	-
Session 4: Pattern Recognition	12:00 13:30	-

Session Chair: Prof. Khalid Saeed

Automatic Extraction of Bol from Tabla Signal by Rajib Sarkar; Ankita Singh; Anjishnu Mondal; Sanjoy Saha

Optimum Circle Formation by Autonomous Robots by Subhash Bhagat; Krishnendu Mukhopadhyaya

Genre Fraction Detection of a Movie using Text Mining by Sunil Saumya; Jitendra Kumar; Jyoti Prakash
Singh

Identifying significant mRNA-miRNA pairs associated with Kidney renal cell carcinoma by Shib Sankar Bhowmick; Indrajit Saha; Luis Miguel Rato; Debotosh Bhattacharjee

Lunch Break	13:30 14:30	-
Plenary Leture by Prof. K Chandra Sekaran	14:30 15:30	-
Tea Break	15:30 16:00	-
Session 5: Cloud Computing	16:00 17:30	-

Session Chair: Prof. Sukumar Nandi δ - Authorization Concept for Dynamic Access Control Model in Cloud Environment by Sayantani
Saha; Sarmistha Neogy; Rounak Das

Paving the way for autonomic clouds: state-of-art and future directions by Christina Joseph; Chandra Sekaran

Towards efficient autonomic management of Clouds: A CDS based hierarchical approach by John Martin; Kandasamy A.; Chandra Sekaran

Day 3: March 19, 2017

Keynote Lecture by Prof. Suraj C. Kothari	10:30 11:30	-
Tea Break	11:30 12:00	-
Session 6: Wireless Sensor Networks	12:00 13:30	-

Session Chair: Prof. Suraj C. Kothari

THGOR: Two-Hop Geographic Opportunistic Routing in WSNs by Venkatesh R; Akshay Achar; Kushal P

Variable initial Energy and Unequal Clustering (VEUC) based Multicasting in WSN by Gandham Rajavikram; Addepalli Krishna; Kaila Chatrapati

Data Gathering from Path Constrained Mobile Sensors Using Data MULE by Dinesh Das; Naween Kumar

Localization in 3D Wireless Sensor Network by Sneha Mishra; Sunil Singh; Prabhat Kumar

Lunch Break	13:30	-
	14:30	
Session 7: Security Systems	14:30	-
Session Chair: Prof. Atal Choudhury	15:30	

EAER-AODV: Enhanced Trust Model Based on Average Encounter Rate for Secure Routing in MANET by Saswati Mukherjee; Matangini Chattopadhyay; Samiran Chattopadhay; Pragma Kar

Representation and Validation of Enterprise Security Requirements - A Multi-Graph Model by Suvam Kumar Das; Aditya Bagchi

Enabling Secure Data Sharing in Hierarchical Multigroup Scenario by Kirti Kumari; Ditipriya Sinha; Raju
Halder

	15:30	-
Valedictory Session	16:00	
Coordinator: Prof. Khalid Saeed		