

IJCCI 2018 Program Schedule

Day 1: Friday 14 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
03:00 – 03:30	Registration	Lobby, 71 milonayoton, Daffodil Tower
04:00-04:30	<i>Inauguration</i> 04:02 Daffodil Theme Song 04:05 Welcome address by Vice Chancellor, Daffodil International University 04:10 Address of IJCCI 2018 TPC Chair 04:15 Address by the Guest of Honor 04:20 Address by the Special Guest 04:30 Address by the Chief Guest	71 milonayoton, Daffodil Tower
04:45 – 05:15 Keynote Talk-1	Topic: The importance of indigenous development of computer based technology in healthcare- seen through a chronicle of our own efforts Chair: Prof Syed Akhter Hossain, General Chair, IJCCI 2018 Speaker: K Siddique-e Rabbani, Honorary Professor, Dept of Biomedical Physics & Technology, University of Dhaka, Dhaka, Bangladesh	71 milonayoton, Daffodil Tower
05:30	Tea Break	Banquet, Level 8, Daffodil Tower
06:00-07:30	Networking and Conference Dinner	Banquet, Level 8, Daffodil Tower

IJCCI 2018 Program Schedule

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
09:00 – 09:40	Registration	Lobby, 71 milonayoton, Daffodil Tower
10:00 – 10:45 Keynote Talk-2	Topic: Prediction based on biological sequences, where Machine Learning meets Life Sciences Chair: Prof Mohammed Shorif Uddin, General and TPC Chair, IJCCI 2018 Speaker: Professor Sohel Rahman Department of Computer Science and Engineering Bangladesh University of Engineering and Technology (BUET)	71 milonayoton, Daffodil Tower
10:45	Tea Break	Banquet, Level 8, Daffodil Tower

IJCCI 2018 Program Schedule

Technical Session A: Soft Computing and Optimization

Room# 803

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
11:15-12:25	<p>Chair: Prof Dr. Hasan Sarwar, United International University Co-Chair: Dr. S M Aminul Haque, Daffodil International University</p> <p><u>Papers</u></p> <p>(25) A Fuzzy Based Study for Biomedical Imaging Applications Fahmida Ahmeda, Tausif Uddin Ahmed Chowdhuryb, and Md. Hasan Furhad, University of Chittagong, Data soft Systems Bangladesh, Bangladesh, University of New South Wales, UNSW, Australia</p> <p>(125) Automatic Skin Lesion Segmentation and Melanoma Detection: Transfer Learning approach with U-Net and DCNN-SVM Zabir Al Nazi and Tasnim Azad Abir Department of Electronics and Communication Engineering, Khulna University of Engineering and Technology, Khulna-9203, Bangladesh</p> <p>(155) Enhancing the Classification Performance of Lower Back Pain Symptoms Using Genetic Algorithm Based Feature Selection Abdullah Al Imran¹, MdRifatul Islam Rifat² and RafeedMohammad³ ^{1,3} American International University-Bangladesh, Kuratoli, Dhaka-1229, Bangladesh ² Rajshahi University of Engineering & Technology, Kazla, Rajshahi-6204, Bangladesh</p> <p>(157) A CNN Based Classification Model for Recognizing Visual Bengali Font Md. Zahid Hasan¹, Kh. Tanzila Rahman¹, Rokeya Islam Riya¹, K. M. ZubairHasan¹, and Nusrat Zahan¹ ¹ Department of CSE, Daffodil International University, Dhaka, Bangladesh</p> <p>(169) Olympic Sports Events Classification using Convolutional Neural Networks Shahana Shultana¹, Md. Shakil Moharram¹, Nafis Neehal¹ ¹ Department of CSE, Daffodil International University, Dhaka, Bangladesh</p> <p>(195) Improved Time Complexity and Load Balance for DFS in Multiple NameNode Mohammad Nurul Islam¹ and Dr. Md. Nasim Akhtar² ¹ Dhaka University of Engineering and Technology, Gazipur, Dhaka, Bangladesh ² Dhaka University of Engineering and Technology, Gazipur, Dhaka, Bangladesh</p> <p>(204) An approach to aggregate intuitionistic fuzzy information with the help of linear operator Meenakshi Kaushal, MohdShoaib Khan, and Q. M. Danish Lohani Department of Mathematics, South Asian University, New Delhi, India</p>	Room# 803, Level 8, Daffodil Tower

IJCCI 2018 Program Schedule

Technical Session B: Network System and Information Security

Room# 804

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
11:15-12:25	<p>Chair: Prof Dr. Abdur Razzaque, University of Dhaka Co-Chair: Dr. Feroz Mridha, University of Asia Pacific</p> <p><u>Papers</u></p> <p>(30) Can the Expansion of Prediction Errors be Counterbalanced in Reversible Data Hiding? Hussain Nyeem¹ and Sultan Abdul Hasib² ^{1,2}Department of Electrical, Electronic and Communication Engineering Military Institute of Science and Technology (MIST), Mirpur Cantonment, Dhaka-1216</p> <p>(48) A Dynamic Bandwidth Allocation Algorithm for Gigabit Passive Optical Network for Reducing Packet Delay and Bit Error Rate Md. Hayder Ali¹ and Mohammad Hanif Ali² ¹Department of Computer Science and Engineering, Jahangirnagar University ²Department of Computer Science and Engineering, Jahangirnagar University</p> <p>(83) Fraud detection of Facebook business page based on sentiment analysis Samia Nasrin¹, Priyanka Ghosh¹, S. M. Mazharul Hoque Chowdhury¹, Sheikh Abujar¹, Syed Akhter Hossain¹ ¹Department of Computer Science and Engineering, Daffodil International University, Dhaka, Bangladesh</p> <p>(115) Simulation and Comparison of RPL, 6LoWPAN and CoAP protocols using Cooja simulator Arif Mahmud¹, Faria Hossain¹, Tasnim Ara Choity¹, Faija Juhin¹ ¹Department of CSE, Daffodil International University, Dhaka, Bangladesh</p> <p>(167) Performance Analysis of SDN Based Intrusion Detection Model with Feature Selection Approach Samrat Kumar Dey¹, Md. Raihan Uddin², and Md. Mahbubur Rahman³ ¹ Military Institute of Science and Technology, Dhaka-1216, Bangladesh ² Daffodil International University, Dhaka-1207, Bangladesh</p> <p>(189) Vehicle Tracking Monitoring System for Security Purpose Based on Thermo Electric Generator (TEG) Md. Fahim Newaz¹, Abu Tayab Noman¹, Humayun Rashid¹, Nawsher Ahmed¹, Mohammad Emdadul Islam², and SM Taslim Reza¹ ¹Department of Electrical Electronic Engineering, International Islamic University Chittagong, Kumira, Sitakunda, Chittagong, Bangladesh ²Department of Electrical Electronic Engineering, University of Science and Technology Chittagong, Khulshi, Chittagong, Bangladesh</p> <p>(194) A RSA based efficient dynamic secure algorithm for ensuring data security Himadri Shekhar Mondal*, Md. Tariq Hasan, Md. Mahbub Hossain, Md. Mashrur Arifin and Rekha Saha Electronics and Communication Engineering Discipline, Khulna University, Khulna, Bangladesh</p>	Room# 804, Level 8, Daffodil Tower

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Technical Session C: Bioinformatics

Room# 807

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
11:15-12:25	<p>Chair: Prof Dr. Touhid Bhuiyan, Daffodil International University Co-Chair: Dr. Sheak Rashed Haider Noori, Daffodil International University</p> <p><u>Papers</u></p> <p>(3) Factorial Analysis of Biological Datasets H M Shahriar Parvez¹, Saqib Hakaki^{1*}, Gulshan Amin Gilkar², and Mahmud AbdurRahman³ ¹ University of Malaya, Kuala Lumpur 50603, Malaysia ² Shaqra University, Riyadh 11961, Saudi Arabia ³ University of Liberal Arts Bangladesh, Dhaka 1209, Bangladesh</p> <p>(69) A Network-based approach to Identify Molecular signatures and Comorbidities of Thyroid Cancer Md. Ali Hossain¹, Tania Akter Asa², Fazlul Huq³, Julian M.W. Quinn⁴, and Mohammad Ali Moni^{4,5} ¹ Dept. of Computer Science & Engineering, Manarat International University, Jahangirnagar University, Dhaka, Bangladesh ² Dept. of Electrical and Electronics Engineering, Islamic University, Kushita ³ Biomedical Sciences, Faculty of Medicine and Health, The University of Sydney ⁴ Bone biology divisions, Garvan Institute of Medical Research, Sydney, Australia ⁵ Biomedical Sciences, Faculty of Medicine and Health, The University of Sydney</p> <p>(71) Genetic Effects of Welding Fumes to the Development of Cancer Diseases Humayan Kabir Rana¹, Mst. Rashida Akhtar², Pietro Lio³, Fazlul Huq⁴, and Mohammad Ali Moni⁴ ¹ Dept. of Computer Science and Engineering, Green University of Bangladesh ² Dept. of Computer Science and Engineering, Varendra University, Bangladesh ³ Dept. of Computer Science and Technology, University of Cambridge, UK ⁴ School of Biomedical Science, Faculty of Medicine and Health, The University of Sydney, Australia</p> <p>(118) Algorithms for String Comparison in DNA Sequences Dhiman Goswami^{1,2}, Nishat Sultana^{1,2}, Warda Ruheen Bristi^{1,2} ¹ Department of Computer Science and Engineering, Daffodil International University, Dhaka-1207, Bangladesh ² Department of Computer Science and Engineering, Bangladesh University of Engineering and Technology, Dhaka-1000, Bangladesh</p> <p>(170) Type 2 Diabetics Treatment and Medication Detection with Machine Learning Classifier Algorithm Md. Kowsher¹, Farhana Sharmin Tithi^{2*}, Tapasy Rabeya², Fahmida Afrin³ and Mohammad Nurul Huda⁴ ¹ Student, ¹ Department of Applied Mathematics, Noakhali Science and Technology University, Noakhali, Bangladesh ^{2*,3} Lecturer, Department of CSE, Daffodil International University Dhaka, Bangladesh ² Research Associate, Department of CSE, Daffodil International University Dhaka, Bangladesh ⁴ Professor & Director - MSCSE, United International University, United City, Madani Avenue, Badda, Dhaka 1212</p> <p>(172) Find It: A Novel Way to Learn Through Play Md. Tashfiqul Bari, Tanvir Hassan, Raisa Tabassum, Zubaida Ahmed and Swakkhar Shatabda Department of Computer Science and Engineering, United International University, Dhaka-1212, Bangladesh</p> <p>(185) Brain Machine Interface for Developing Virtual-Ball Movement Controlling Game Md. Ochiuddin Miah, Al Maruf Hassan, Khondaker Abdullah Al Mamun, and Dewan Md. Farid* Department of Computer Science & Engineering, United International University, United City, Madani Avenue, Badda, Dhaka-1212, Bangladesh</p>	Room# 807, Level 8, Daffodil Tower

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Invited Talk-1, Room# 71 Milonayoton

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
02:00-02:30	Title: Data Mining with Big Data: Challenges and Opportunities Chair: Prof Dr. Abdur Razzak, University of Dhaka Speaker: Dr. Dewan Md. Farid Associate Professor Department of Computer Science & Engineering United International University, Bangladesh	71 milonayoton, Daffodil Tower

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Technical Session D: Biomedical System

Room# 803

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
02:45-03:55	<p>Chair: Prof Md Mostofa Akbar, Bangladesh University of Engineering and Technology</p> <p>Co-Chair: Dr. Swakkhar Shatabda, United International University</p> <p><u>Papers</u></p> <p>(7) Classification of Motor Imagery Events from Prefrontal Hemodynamics for BCI Application Md. Asadur Rahman¹, Md. Mahmudul Haque², Anika Anjum³, Md. Nurunnabi Mollah⁴, and Mohiuddin Ahmad⁵ ^{1,2,3}Department of Biomedical Engineering, Khulna University of Engineering & Technology (KUET), Khulna-9203, Bangladesh. ^{4,5}Department of Electrical and Electronic Engineering, Khulna University of Engineering & Technology (KUET), Khulna-9203, Bangladesh</p> <p>(12) Diabetic Retinopathy Detection Using PCA-SIFT and Weighted Decision Tree Fatema T Johora¹, Md. MahubOr Rashid¹, Mohammad A Yousuf¹, Tumpa Rani Saha² and Bulbul Ahmed² ¹ Institute of Information Technology, Jahangirnagar University, Savar, Dhaka ² Department of Computer Science and Engineering, Dhaka University of Engineering and Technology, Gazipur, Dhaka</p> <p>(54) Feature Selection and Biomedical Signal Classification Using Minimum Redundancy Maximum Relevance and Artificial Neural Network Md Masud Rana and Kawsar Ahmed</p> <p>(60) Modelling Photon Propagation through Human Breast with Tumor in Diffuse Optical Tomography Shisir Mia¹, Md. Mijanur Rahman¹ and Mohammad Motiur Rahman² ¹ Dept. of Computer Science & Engineering, Uttara University, Dhaka, Bangladesh ² Dept. of Computer Science and Engineering, MawlanaBhashani Science and Technology University, Santosh, Tangail-1902, Bangladesh</p> <p>(70) Alcoholic Brain State Identification from brain signals using Support Vector Machine based Algorithm Siuly Siuly¹, Enamul Kabir², Hua Wang¹, Frank Whittaker¹, Hongbo Kuang³ ¹institute for Sustainable Industries & Liveable Cities, VU Research, Victoria University, Victoria University, Melbourne, Australia ²School of Agricultural, Computational and Environmental Sciences, University of Southern Queensland, Toowoomba, QLD, Australia</p> <p>(128) A Non-Invasive Heart Rate Estimation Approach from Photoplethysmography Monira Islam, Trisa Biswas, Abdul MunemSaad, Chowdhury AzimulHaqueand Md. Salah Uddin Yusuf Department of Electricaland Electronic Engineering, Khulna University of Engineering & Technology, Khulna-9203, Bangladesh</p> <p>(151) D-CARE: A Non-invasive Glucose Measuring Technique for Monitoring Diabetes Patients Md Mahub Alam¹, Swapnil Saha¹, Proshib Saha¹, Fernaz Narin Nur¹, Nazmun Nessa Moon¹, Asif Karim², Sami Azam² ¹ Department of Computer Science and Engineering, Daffodil International University, Bangladesh ² College of Engineering, IT and Environment, Charles Darwin University, NT, Australia</p> <p>(171) Initial Point Prediction based Parametric Active Contour Model for Left Ventricle Segmentation of CMRI Images Md. Al Noman¹, A. B. M. Aowlad Hossain², and Md. Asadur Rahman³ ^{1,3}Department of Biomedical Engineering, Khulna University of Engineering & Technology (KUET), Khulna-9203, Bangladesh ²Department of Electronics and Communication Engineering, Khulna University of Engineering & Technology (KUET), Khulna-9203, Bangladesh</p>	Room# 803, Level 8, Daffodil Tower

IJCCI 2018 Program Schedule

Technical Session E: Cloud Computing, IoT, Bigdata and Mobile Computing

Room# 804

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
02:45-03:45	<p>Chair: Prof Dr. Rezaul Karim, Daffodil International University Co-Chair: Dr. Md. Ezharul Islam, Janagirnagar University</p> <p><u>Papers</u></p> <p>(15) GIS-based Surface Water Changing Analysis in Rajshahi City Corporation Area Using Ensemble Classifier Mahbina Akter Mim¹, K. M. Shawkat Zamil² ¹ Department of Computer Science and Engineering, Rajshahi University of Engineering & Technology, Rajshahi, Bangladesh ² Department of Computer Science and Engineering, Rajshahi University of Engineering & Technology, Rajshahi, Bangladesh</p> <p>(56) An Identity Based Encryption Scheme for Data Security in Fog Computing Nishat Farjana, Shanto Roy, Md. Julkar Nayeem Mahi, and Md Whaiduzzaman Institute of Information Technology, Jahangirnagar University, Savar, Dhaka-1342</p> <p>(135) Issues of Internet of Things (IoT) and an Intrusion Detection System for IoT Using Machine Learning Paradigm M. F. Mridha¹, Md. Abdul Hamid, <i>Member, IEEE</i>¹ and Md. Asaduzzaman¹ ¹Department of CSE, University of Asia Pacific, Dhaka</p> <p>(184) Classification by Clustering (CbC): An Approach of Classifying Big Data based on Similarities Sakib Shahriar Khan, Shakim Ahamed, Miftahul Jannat, Swakkhar Shatabda, and Dewan Md. Farid, United International University, Dhaka</p> <p>(199) Range based Location Estimation of Machines in M2MCommunications over Cellular Networks Sree Krishna Das¹ and Ratna Mudi² ¹Department of Electrical, Electronic and Communication Engineering, Military Institute of Science and Technology (MIST), Mirpur Cantonment, Dhaka-1216 ²Department of Computer Science and Engineering, World University of Bangladesh (WUB), Dhanmondi, Dhaka-1205</p> <p>(201) Developing a Technique for Overcoming the Searching Limitations of Documents Md. Muntasir Shahriar¹, Mohammad Shamsul Arefin¹, M. Ali Akber Dewan² ¹Department of Computer Science and Engineering, Chittagong University of Engineering and Technology, Chittagong, Bangladesh ²School of Computing and Information Systems, Athabasca University Edmonon, Alberta, Canada</p>	Room# 804, Level 8, Daffodil Tower

IJCCI 2018 Program Schedule

Technical Session F: Speech, Image and Natural Language Processing

Room# 807

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
02:45-03:45	<p>Chair: Prof Dr. Imdadul Islam, Jahangirnagar University Co-Chair: Dr. Md. Dewan Farid, United International University</p> <p><u>Papers</u></p> <p>(45) Computer-aided Speckle Noise Analysis in Ultrasound Images through Fusion of Convolutional Neural Network and Wavelet Transform with Linear Discriminate Analysis Rafid Mostafiz, Md Mezbahul Islam, Mohammad Motiur Rahman Department of Computer Science and Engineering, Mawlana Bhashani Science and Technology University</p> <p>(80) A Comparative Overview of Classification Algorithm for Bangla Handwritten Digit Recognition MdNazmul Hoq^{1,2}, Mohammad Mohaiminul Islam¹, NadiraAnjum Nipa¹, Md. Mostofa Akbar² ¹Daffodil International University, Dhaka, Bangladesh ² Bangladesh University of Engineering and Technology, Dhaka, Bangladesh</p> <p>(124) A Computational Approach to Author Identification from Bengali Song Lyrics Nazmun Nisat Ontika¹, Md. Fasihul Kabir², Ashraful Islam^{3,4}, Eshtiak Ahmed^{3,4}, and Mohammad Nurul Huda⁵ ¹ Department of Computer Science and Engineering, Notre Dame University Bangladesh, Dhaka-1000, Bangladesh ²Cefalo Bangladesh Ltd., Dhaka-1209, Bangladesh ³ Department of Computer Science and Engineering, Daffodil International University, Dhaka-1209, Bangladesh ⁴ Department of Computer Science and Engineering, Bangladesh University of Engineering and Technology, Dhaka-1000, Bangladesh ⁵ Department of Computer Science and Engineering, United International University, Dhaka-1212, Bangladesh</p> <p>(144) A Comparative Study of Classifiers in the Context of Papaya Disease Recognition Md. Tarek Habib^{1,2}, Anup Majumder², RabindraNath Nandi³, Farruk Ahmed⁴, Mohammad Shorif Uddin¹ ¹Department of Computer Science and Engineering, Jahangirnagar University, Dhaka, Bangladesh ²Department of Computer Science and Engineering, Daffodil International University, Dhaka, Bangladesh ³Department of Computer Science and Engineering, Khulna University of Engineering and Technology, Khulna, Bangladesh ⁴Department of Computer Science and Engineering, Independent University, Bangladesh, Dhaka</p> <p>(173) Bangla Handwritten Digit Recognition and Generation Md. Fahim Sikder</p> <p>(183) A Novel Approach for Tomato Diseases Classification Based on Deep Convolutional Neural Networks Md. Ferdouse Ahmed Foysal, Mohammad Shakirul Islam, Sheikh Abujar, Syed Akhter Hossain Department of Computer Science and Engineering, Daffodil International University, Dhaka, Bangladesh</p> <p>(192) Improved Subspace Detection based on Minimum Noise Fraction and Mutual Information for Hyperspectral Image Classification Md. Rashedul Islam, Md. Ali Hossain and Boshir Ahmed Computer Science & Engineering, Rajshahi University of Engineering & Technology, Rajshahi, Bangladesh</p>	Room# 807, Level 8, Daffodil Tower

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Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
03:50	Tea Break	Room# 803, Level 8, Daffodil Tower

IJCCI 2018 Program Schedule

Technical Session G: Intelligent Systems

Room# 803

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
04:00-05:10	<p>Chair: Dr. Nova Ahmed, North South University Co-Chair: Dr. Bilkis Jamal Ferdousi, University of Asia Pacific</p> <p>Papers</p> <p>(28) Mining Periodic Patterns and Accuracy Calculation for Activity Monitoring Using RF Tag Arrays Md. Amirul Islam¹ and Uzzal Kumar Acharjee² Dept. of Computer Science and Engineering, Jagannath University, Bangladesh</p> <p>(32) Routing Protocol Selection for Intelligent Transport System (ITS) of VANET in High Mobility Areas of Bangladesh Mohammad KamrulHasan^[1], OrvilaSarker^[2] ^{1,2}Comilla University, Cumilla-3506, Bangladesh</p> <p>(36) An Intelligent Children Healthcare System for Children by Using Ensemble Technique Nishargo Nigar¹, Linkon Chowdhury² ¹ Department of Computer Science and Engineering, East Delta University, Chittagong, Bangladesh ² School of Science, Engineering and Technology, East Delta University, Chittagong, Bangladesh</p> <p>(114) A Day-Ahead Power Demand Prediction for Distribution-Side Peak Load Management Khizir Mahmud, WeilunPeng, SayidulMorsalin, Jayashri Ravishankar School of Electrical Engineering and Telecommunications University of New South Wales, NSW 2052, Australia</p> <p>(175) Portable Mini Weather Station for Agricultural Sector of Rural Area in Bangladesh Nazib Ahmad^{1*}, ThajidIbnaRouf Uday^{1*}, Md. Toriqul Islam¹, RayhanPatoary^{2*}, MdMostasim Billah^{2*}, Nuhash Ahmed² and FarhanaSharmin Tithi³</p> <p>(198) Development of an Expert System Oriented Service Support Help Desk Management System Abrar Hasin Kamal¹, Mohammad Obaidullah Tusher¹, ShadmanFahim Ahmad¹, Nusrat Jahan Farin² and Nafees Mansoor¹ ¹ University of Liberal Arts Bangladesh (ULAB), Dhaka, Bangladesh ² Stamford University Bangladesh, Dhaka, Bangladesh</p> <p>(202) An Intelligent Technique for Stock Market Prediction Mohammad Mekayel Anik¹, Mohammad Shamsul Arefin¹, M. Ali Akber Dewan² ¹Department of Computer Science and Engineering, Chittagong University of Engineering and Technology, Chittagong, Bangladesh ²School of Computing and Information Systems, Athabasca University Edmonton, Canada</p>	Room# 803, Level 8, Daffodil Tower

IJCCI 2018 Program Schedule

Technical Session H: Detection and Recognition

Room# 804

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
04:00-05:10	<p>Chair: Prof Dr. Ismail Jabiullah, Daffodil International University Co-Chair: Dr. Shahriar Rahman, University of Liberal Arts Bangladesh</p> <p>Papers</p> <p>(31) Drowsiness Detection Using Eye-Blink Pattern and Mean Eye Landmarks' Distance Abdullah Arafat Miah¹, Mohiuddin Ahmad², and KhatunaZannat Mim³ ^{1,2,3}Department of Electrical & Electronic Engineering, ^{1,2,3}Khulna University of Engineering & Technology, Khulna 9200, Bangladesh</p> <p>(39) Microprocessor Based Smart Blind Glass System for Visually Impaired People Tobibul Islam¹, Mohiuddin Ahmad², and AkashShingha Bappy³ ¹ Department of Biomedical Engineering, ² Department of Electrical & Electronic Engineering, ³ Department of Department of Electronics & Communication Engineering, ^{1,2,3} Khulna University of Engineering & Technology, Khulna 9200, Bangladesh</p> <p>(40) A Study on Monitoring Coastal Areas for having a better Underwater Surveillance perspective Md Hasan Furhad^{1*}, Mohiuddin Ahmed¹, and Abu S.S.M. Barkat Ullah¹ ¹ Centre for Cyber Security and Games, Canberra Institute of Technology, Canberra, Australia.</p> <p>(42) Ethanol Detection through Photonic Crystal Fiber Etu Podder, Md. Bellal Hossain, Abdullah Al-Mamun Bulbul and Himadri Shekhar Mondal</p> <p>(104) A Framework for Detecting Driver Drowsiness based on Eye Blinking Rate and Hand Gripping Pressure Md. Ashfakur Rahman Arju¹, Naib Hossain Khan¹, Kazi Ekramul Hoque¹, Arif Rizvi Jisan², Saifuddin M. Tareque², Md Zahid Hasan¹, ¹ Dept. of CSE, Daffodil International University, Dhaka, Bangladesh ² Dept. of CSE, Chittagong University of Engineering and Technology, Chittagong, Bangladesh</p> <p>(122) A new Approach for Efficient Face Detection using BPV Algorithm Based on Mathematical Modeling ¹Tangina Sultana, ²Md. Delowar Hossain, ¹Niamul Hasan Zead, ¹Nur Alam Sarker and ¹Jannatul Fardoush ¹Dept. of Electronics and Communication Engineering and ²Dept. of Computer Science and Engineering, Hajee Mohammad Danesh Science and Technology University, Bangladesh</p> <p>(197) Real-Time Crowd Detection to Prevent Stampede Sabrina Haque, Muhammad Sheikh Sadi, Md. Erfanul Haque Rafi, Md. Milon Islam, and Md. Kamrul Hasan Department of Computer Science and Engineering, Khulna University of Engineering & Technology, Khulna-9203, Bangladesh</p>	Room# 804, Level 8, Daffodil Tower

IJCCI 2018 Program Schedule

Technical Session I: Machine Learning and Data Mining

Room# 807

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
04:00-05:10	<p>Chair: Prof. Dr. Nurul Huda, United International University Co-Chair: Dr. Nabeel Mahmud, North South University</p> <p><u>Papers</u></p> <p>(24) Leveraging Machine Learning Approach to Setup Software Defined Network (SDN) Controller Rules During DDoS Attack Sajib Sen¹, Kishor Datta Gupta¹, and Md Manjurul Ahsan² ¹Department of Computer Science, University of Memphis, Memphis, TN 38152, USA, ²Department of Industrial Engineering, Lamar University, Beaumont, Texas 77710, USA</p> <p>(27) Meta Classifier Based Ensemble Learning For Sentiment Classification Naznin Sultana and Mohammad Mohaiminul Islam Department of CSE, Daffodil International University, Dhaka, Bangladesh</p> <p>(79) A Machine Learning Approach to Detect Diabetic Retinopathy using Convolutional Neural Network Muhammad Mahir Hasan Chowdhury¹, Nishat Tasnim Ahmed Meem² and Marium-E-Jannat³ Department of Computer Science & Engineering, Shahjalal University of Science and Technology, Kumargaon, Sylhet-3114, Bangladesh,</p> <p>(137) A Collaborative Platform to Collect Data for Developing Machine Translation System Md. Arif Hasan¹, Firoj Alam², and Sheak Rashed Haider Noori¹ ¹ Daffodil International University, Dhaka, Bangladesh</p> <p>(148) A Hierarchical Learning Model for Claim Validation Amar Debnath, Redoan Rahman, Md Monjul Islam, and Md Abdur Razzaque Green Networking Research Group, Department of Computer Science and Engineering, University of Dhaka, Bangladesh</p> <p>(168) Query Oriented Active Community Search Badhan Chandra Das, Md Shoaib Ahmed, and Md Musaque Anwar Computer Science and Engineering Department Jahangirnagar University, Savar, Bangladesh</p> <p>(179) Appliance of Agile Methodology at Software Industry in Developing Countries: Perspective in Bangladesh Abdus Sattar, Arif Mahmud, Sheak Rashed Haider Noori Daffodil International University, 102, Shukrabad, Mirpur Road, Dhanmondi, Dhaka 1207</p>	Room# 807, Level 8, Daffodil Tower

IJCCI 2018 Program Schedule

Invited Talk-2, Room# 71 Milonayoton

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
05:10-05:40	Title: Using AI to Build a Smart Education System Chair: Dr. Md. Musfique Anwar, Jahangirnagar University Speaker: Mahfuzur Rahman Masum Chief Technology Officer CodeMarshal	71 milonayoton, Daffodil Tower

Closing Ceremony

Day 2: Saturday 15 December, 2018 @ 71 Milonayoton, Daffodil Tower, Sobhanbug, Dhaka		
Time	Session	Venue
05:40-06:10	Closing 05:40 Welcome by Organizing Chair 05:45 Felicitations of Session Chairs 05:55 Sharing of Expressions 06:00 Address of Chief Guest 06:10 Vote of Thanks	71 milonayoton, Daffodil Tower