IEEE BECITHCON-2024

IEEE Conference on Biomedical Engineering, Computer and Information Technology for Health 2024

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Program Schedule

Venue: Southeast University (SEU)
251/A Tejgaon Industry Area, Dhaka-1208, Bangladesh

Time	Day-1: November 28, 2024 (Thursday)	
08.30AM	Registration	
09:00 AM - 10:30 AM	**Room-326 Technical Session-1**	Session Chair: Dr. Mohammad Hasan Imam, AIUB Session Chair: Dr. Farhana Sarker, SEU
		Paper ID #1 Title: Semantic Segmentation of Leukocytes: Aiding Morphological Analysis by Attention-Guided U-Net Leveraging Residual Convolutional Blocks Authors: Md Tanjimur Rahman (Khulna University of Engineering Technology)*; Kalyan Kumar Halder (Khulna University of Engineering & Technology)
		Paper ID #22 Title: Desmoking and Perceptual Quality Restoration of Laparoscopic Videos Using CycleGAN Authors: Sultanus Salehin (The University of Alabama); Akib Jayed Islam (Norwegian University of Science and Technology)*; Sayem Ul Alam (The University of Alabama); Shreya Paul (National Institute of Technology Tiruchirappalli (NIT Trichy)); Kamrul Islam (University of Alabama); Prithy Paul (East Delta University)
		Paper ID #23 Title: Comprehensive Analysis of RF-Based Wireless Power Transfer for Enhancing Implantable Medical Device Performance Authors: Swapnil Pranta (Port City International University); Nirzar Barua (Chittagong University of Engineering and Technology); Md. Sahidur Rahman (Chittagong University of Engineering & Technology); Sultanus Salehin (The University of Alabama); Sayem Ul Alam (The University of Alabama); Akib Jayed Islam (Norwegian University of Science and Technology)*; Shreya Paul (National Institute of Technology Tiruchirappalli (NIT Trichy)); Prithwi Chowdhury (Ahsanullah University of Science And Technology)
		Paper ID #37 Title: In Silico Characterization and Structural Modeling of Different Important Glycoproteins of Varicella-Zoster Virus Related to Chicken Pox Authors: Rajesh Biswas (Khulna University of Engeneering & Technology)*; A. B. M. Aowlad Hossain (Khulna University of Engineering & Technology); Mounita Ghosh (Khulna University of Engineering & Technology)
		Paper ID #51 Title: In-Silico Identification of Shared Hub-Genes Between Idiopathic Pulmonary Fibrosis and Tuberculosis Diseases & Drug Repurposing Authors: Md. Fahim Faysal (RUET)*; Shyla Afroge (RUET); Tasfia Noor (RUET)
		Paper ID #53 Title:Low Loss Asymmetrical Slotted Dual-Core PCF based SPR Biosensor for Enhanced Sensitivity Authors:Amit Das (RUET); Sk. Md. Shahadat Hossain (Rajshahi University of Engineering & Technology)*; Alok Kumar Paul (Rajshahi University of Engineering & Technology); Prof. S M Abdur Razzak (RUET)
		Paper ID #80 Title: Unveiling Shared Gene Regulatory Networks and Pathways in Bipolar Disorder and Alzheimer's Disease: Identifying Novel Therapeutic Targets and Drug Candidates Authors: Urmi Bose (Department of Information and Communication Technology, Mawlana Bhashani Science and Technology University(MBSTU)); Mahadi Hasan Rooman (Department of Information and Communication Technology, Mawlana Bhashani Science and Technology University Tangail-1902); Touhid Bhuiyan (School of Information Technology, Washington University Science and Technology); Md. Sarwar Hossain Mollah (Department of Computing and Information System, Daffodil International University); Md. Mehedi Hasan (Department of Computing and Information System, Daffodil International University); Bikash Kumar Paul (Department of Information and Communication Technology, Mawlana Bhashani Science and Technology University)*
		Paper ID #172 Title: Comparative Study of Feature Selection Techniques in Machine Learning Algorithms for Predicting Female School Attrition in Bangladesh Authors: MUMINUR RAHMAN (Hazrat Shahjalal (Rh.) Degree College); Mohammad Nayeem Hasan (SUST)*; Faizul Islam (Shahjalal University of Science and Technology); Sabrin Sultana (University of Chittagong); Shomi Shomi Khan (Shahjalal University of Science & Technology)
		Session Chair: Dr. Swakkhar Shatabda, BRAC Session Chair: Dr. Tanseer Ali, AIUB
		Paper ID #5 Title: Designing of a Microstrip Patch Antenna for Lung Tumor Detection Authors: Rubaeat Ahammed (Rajshahi University of Engineering & Technology)*; Dr. Ajay Krishno Sarkar (RUET); Md. Arif (RUET); Md. Ehsanul Haque (RUET)

Time	Room	Session Details
09:00 AM - 10:30 AM	**Room-327 Technical Session-2**	Paper ID #8 Title: Risk Minimization by Early Readmission Prediction for Diabetes Patients: A Data-Driven Machine Learning Approach Authors: Abduz Zami (Rajshahi University of Engineering & Technology)*; Rakibul Islam (United International University); Tanvir Mahtab Zihan (Rajshahi University of Engineering and Technology); Mohiuddin Ahmed (Rajshahi University of Engineering and Technology) Paper ID #39 Title: Breast Tumor Detection Using Rectangular Slotted Microstrip Patch Antenna in ISM Band Authors: Farhana Ritu (Khulna University of Engineering & Technology)*; A. B. M. Aowlad Hossain (Khulna University of Engineering & Technology) Paper ID #50 Title: CNN and Transfer Learning-based Deep Learning Architectures for Alzheimer's Disease Detection from MRI Scan: A Comparative Analysis Authors: Farhan Ahmad Nafis (BRAC University)*; Nahiduzzaman Akib (BRAC University); Mehraj Hossain (Brac University); Maimuna Zaman Farasha (Brac University); Md Jobayer (BRAC University); Md. Mehedi Hasan Shawon (BRAC University) Paper ID #59 Title: Mental Workload Assessment from ECG and PPG Signal Using Machine Learning Techniques Authors: Dipto Kumar Ghoshe (Bangladesh University of Business andTechnology); Nafis Shahriar Munir (Bangladesh University of Business andTechnology); Sourav Debnath (Bangladesh University of Business and Technology)* Paper ID #173 Title: A Comparative Study of Machine Learning Algorithms in Predicting Acute Respiratory Infection of Under-Five Children in Bangladesh Using Imbalanced Data Authors: Mohammad Nayeem Hasan (SUST)*; Md. Emon Prodhan (Shahjalal University of Science and Technology, Sylhet); Ashraful Alam (Shahjalal University of Science and Technology, Sylhet); Sabrin Sultana (University of Chittagong); MUMINUR RAHMAN (Hazrat Shahjalal (Rh.) Degree College); Hosneara Parvin (Shaheed Suhrawardy Medical College)
09:00 AM - 10:30 AM	**Room-331 Technical Session-3**	Session Chair: Prof. Dr. A. B. M. Aowlad Hossain, KUET Session Chair: Dr. Riasat Khan, NSU Paper ID #88 Title: Diabetic Retinopathy Detection using a Lightweight Edge Intelligence-based Technique Authors: Mahiyat N. Mantaqa (North South University); Jareen Anjom (North South University); Md. Ishan Arefin Hossain (North South University)* Paper ID #90 Title: Leveraging Machine Learning for Early Detection and Intervention in Polycystic Ovary Syndrome (PCOS): A Predictive Model Approach Authors: RAM PROSAD SARKER (Mawlana Bhashani Science and Technology University); Sadia Chowdhury (Department of Information and Communication Technology Mawlana Bhashani Science and Technology University); Md. Sarwar Hossain Mollah (Department of Computing and Information System, Daffodil International University); Touhid Bhuiyan (School of Information Technology, Washington University Science and Technology); Md. Mehedi Hassan (Department of Information and Communication Technology Mawlana Bhashani Science and Technology University); Bikash Kumar Paul (Department of Information and Communication Technology, Mawlana Bhashani Science and Technology University)* Paper ID #94 Title: A Comparative Study on Feature Selection between Computational and Medical Knowledge Driven Approaches for Heart Disease Prediction Authors: Akib Jayed Islam (Norwegian University of Science and Technology)*; Sultanus Salehin (The University of Alabama); Sayem Ul Alam (The University of Alabama); AKKHOR BINNAS BARUA (American International University, Bangladesh); Arafat Uddin (Port City International University); Syed Anayet Karim (Port City International University) Paper ID #102 Title: Parkinson's Disease Detection using ML in the Context of Overfitting Issue Authors: Ishtiaq Ahammad (Northern University Bangladesh)*; Tasmina Akter Mukta (Prime University); Md. Kawsar Ahmed (Prime University); Md. Alamgir Hossain (State University of Bangladesh); Md. R. Rahman (Prime University); Dr. Momtaz Begum Momo (Prime University) Paper ID #166 Title: A Hybrid ViT-GRU Approach for Brain Tumor Detection and Classification in MRI Images with Explainable Artificial Intelligence Authors: Md. Mahfuz Ahmed (Islamic University, Kushtia); Md. Maruf Hossain (Islamic University, Kushtia); Md. Rakibul Islam (Islamic University, Kushtia); S M Mahim (Islamic University, Kushtia); Md. Rakibul Hasan (Islamic University, Kushtia); Ronok Hashan (Islamic University Bangladesh); Nadim Mahmud (Govt. Rajendra College, Faridpur); Prof. Dr. Md. Sipon Miah ("Communication Systems, Communication Engineering - Islamic University, Bangladesh"); Md. Khairul Islam (Islamic University, Kushtia)* Paper ID #176 Title: Machine Learning-Based Approach to Predict Liver Disease Using an Imbalanced Dataset Authors: Abid Bin Ahosan (Dhaka International University); Khandaker Mohammad Mohi Uddin (Southeast University)*; Forhadul Islam (Dhaka International University); Fatema Tuj Janin (Southeast University); Md Abdul Based (Dhaka International University)
10:30 AM - 11:00 AM	**3rd Floor Corridor**	**Tea Break**
11:00 AM -11:45 AM		**Inauguration Ceremony (Multipurpose Hall, 9th Floor)** **Zoom Link: https://us06web.zoom.us/j/81782629314?pwd=Db9daz9B3ADewDuDa3D5vKIcPtXRtH.1** **Meeting ID: 817 8262 9314** **Password: 123**

		Plenary Talk 01 (Multipurpose Hall, 9th Floor)
12:00 PM - 12:45 PM		Zoom Link: https://us06web.zoom.us/j/81782629314?pwd=Db9daz9B3ADewDuDa3D5vKIcPtXRtH.1 Meeting ID: 817 8262 9314 Password: 123
01:00 PM - 02:00 PM		**Lunch and Prayer Break (Lunch at Cafeteria, Ground floor)**
2:00 PM - 04:00 PM	**Room-326 Technical Session-4**	**Session Chair: Prof. Dr. Mohammad Imamul Hassan Bhuiyan, BUET** **Session Chair: Dr. Md. Kafiul Islam, IUB**
		Paper ID #34 Title: Design of a Band-notched UWB Antenna for Wearable Applications Authors: Sanwar Alam (North South University)*; Atiqur Rahman (North South University)
		Paper ID #114 Title:A Method for Medical Image Visualization: Integrating Eye-Tracking for Pixel Error Reduction and Calibration Authors: Akib Jayed Islam (Norwegian University of Science and Technology)*; Sultanus Salehin (The University of Alabama); Sayem Ul Alam (The University of Alabama); Shreya Paul (National Institute of Technology Tiruchirappalli (NIT Trichy)); Prithy Paul (East Delta University)
		Paper ID #118 Title: Machine Learning Based Earlier Pancreatic Cancer Detection Using Hybrid Feature Selection Authors: Khandaker Mohammad Mohi Uddin (Southeast University)*; S A M Juhair Fahmid (Dhaka International University); Khadija Khatun (Dhaka International University); Md. Tahzib Ul Islam (Dhaka International University); Md Abdul Based (Dhaka International University)
		Paper ID #133 Title: Diagnosis of Parkinson's Diseases with MDVP Features Using Machine Learning Approaches Authors: Iftikhar Ahammad Sikder (Dhaka International University); Khandaker Mohammad Mohi Uddin (Southeast University)*; Md. Nur-A- Alam (Sunamgonj Science and Technology University); Md Abdul Based (Dhaka International University)
		Paper ID #181 Title: Classification of Gamified Go/NoGo Tasks using Single-Channel EEG Device and Machine Learning Authors: Jahid Hasan Rony (Dhaka University of Engineering and Technology)*; Farhan Ishtiaque (Military Institute of Science and Technology); Farhana Sarker (Southeast University, Bangladesh); Khondaker Abdullah-Al-Mamun (United International University)
		Paper ID #169 Title:Breast Cancer Diagnosis: A multi-modal Machine Learning Approach Authors: Munaem Ahmed Mahdi (Shahjalal University of Science & Technology); Nripendro Biswas (Shahjalal University of Science & Technology)*; Tasmia Islam (Shahjalal University Of Science and Technology ,Sylhet); Shirajul Abedin Shimul (SUST); Fatin Hasnat Pavel (Shahjalal University of Science and Technology); Dilip Sarkar (Dhaka University of Engineering and Technology)
02:00 PM - 04:00 PM	**Room-327 Technical Session-5**	**Session Chair: Dr. Humayra Ferdous, AIUB** **Session Chair: Dr. Mahjabin Mobarak**
		Paper ID #64 Title: D shaped PCF Based Plasmonic Refractive Index Sensor with ultra low loss Authors:Farzana Yesmin (RUET); Sk. Md. Shahadat Hossain (Rajshahi University of Engineering & Technology)*; Alok Kumar Paul (Rajshahi University of Engineering & Technology); Prof. S M Abdur Razzak (RUET)
		Paper ID #79 Title: Implementation of a Wearable Piezoelectric Integrated Shoe Energy Harvester Authors: Sultanus Salehin (The University of Alabama); Akib Jayed Islam (Norwegian University of Science and Technology)*; Shreya Paul (National Institute of Technology Tiruchirappalli (NIT Trichy)); Sayem Ul Alam (The University of Alabama); Nirzar Barua (Chittagong University of Engineering and Technology); Prithwi Chowdhury (Ahsanullah University of Science And Technology); Nafis Fuad Wasi (Noakhali Science and Technology University)
		Paper ID #96 Title: Design of a Low-Cost Portable Device for Respiratory Rate and Vital Sign Monitoring Authors: Md. Sayzar Rahman Akash (American International University-Bangladesh)*; Md Nahidul Haque Bhuiyan (University of South Florida); MD. RAKIB HASAN (American international university Bangladesh (AIUB)); Md Risalat Bhuiyan (American International University-Bangladesh); Md Rakibul Hasan (American International University-Bangladesh); Dr. Mohammad Hasan Imam (American International University-Bangladesh)
		Paper ID #97 Title: Contactless Human Vital Sign Monitoring System Using Millimeter Wave FMCW Radar for Healthcare Applications Authors: Md. Sayzar Rahman Akash (American International University-Bangladesh)*; SIMANTA SAHA (American International University-Bangladesh); Md. Shakil Ahamed Sagor (American International University-Bangladesh); Nazmus Sakib Nihal (American International University-Bangladesh); Shilamoni Shaha Neir (American International University-Bangladesh); Dr. Mohammad Hasan Imam (American International University-Bangladesh)
		Paper ID #164 Title:The Importance of Prescription Audits: Navigating Complexities and AI-Driven Advancement Authors: Ferdous Wahid Anik (Institute of Research Innovation, Incubation and Commercialization (IRIIC), Advanced Intelligent Multidisciplinary Systems (AIMS) Lab, United International University)*; Fahmid Al Rifat (United International University); Marzia Zaman (CMED Health); Farhana Sarker (Southeast University); Khondaker Abdullah-Al-Mamun (United International University)
		Paper ID #197 Title:Impact of Artifact Removal from EEG Signals on Epileptic Seizure Detection Authors: Partho Prosad (Independent University, Bangladesh); Sojib Ahmed Refat (Independent University, Bangladesh); Zarif Ahmed (Independent University, Bangladesh); Nazmus Sakib (Independent University, Bangladesh); Tasnuva Faruk (IUB); Md Kafiul Islam (Independent University Bangladesh)*

Time		
02:00 PM - 04:00 PM	**Room-331 Technical Session-6 (Online)**	Session Chair: Dr. Lt Col Hussain Nyeem, MIST Session Chair: Dr. Mohammod Abdul Motin, RUET Zoom Link: https://us06web.zoom.us/j/82375965477?pwd=9VIqSz017E7t6T92sto5IyjMANjdhu.1 Meeting ID: 823 7596 5477 Password: 123
		Paper ID #141 Title: VGG19 and Inception V3 Performance Evaluation for Early Leukemia Detection from Blood Smears Authors:MD. ABDUL KAHHAR SIDDIKI SHAN (BRAC University); Tasfin Mahmud (Brac University); Tahmid Noor Rahman (BRAC University)*; Md Sazzadul Islam Ratul (Brac University)
		Paper ID #142 Title: Enhancing Glaucoma Diagnosis with Explainable AI Using Vision Transformers and Deep Learning Techniques Authors: Naima Tasnia (East Delta University); Md.Hamid Hosen (East Delta University)*; Sadia Nawar (East Delta University); Mohammed Amran (Bangladesh University of Engineering and Technology); Rituparna Chowdhury (East Delta University); Altaf Uddin (East Delta University)
		Paper ID #144 Title: Enhancing Lyme Disease Erythema Migrans Rashes Classification: U-Net Segmentation and Ensemble Deep Learning Model Authors: Nuzhat T Farah (East Delta University); Sumaiya Hossain Pushpita (East Delta University); Ahmed Noorim (East Delta University); Arnob Saha (East Delta University); Md.Hamid Hosen (East Delta University)*; Altaf Uddin (East Delta University)
		Paper ID #189 Title:Enhanced Precision in Brain Tumor Mapping through Multi-Scale Deep Learning Models Authors: Sowrov Komar Shib (American International University- Bangladesh)*; MD Tanvir Rahman (American International University-Bangladesh); Durjoy Roy Dipto (American International University -Bangladesh); Reza Aref Rifat (Northern Univercity Bangladesh); Tanay Banik (American International University - Bangladesh); Shahinuzzaman Sanim (Aiub)
		Paper ID #187 Title: Leveraging ResNet-Based Convolutional Neural Networks for Early Detection of Corn Leaf Diseases Authors:Sowrov Komar Shib (American International University- Bangladesh)*; Durjoy Roy Dipto (American International University -Bangladesh); MD Tanvir Rahman (American International University-Bangladesh); Md. Shamim Hossen (American International University- Bangladesh); Dip Ghosh (American International University-Bangladesh); Shahid Ahmad (American International University -Bangladesh)
		Paper ID #193 Title: DEVELOPMENT OF AN ARM EXOSKELETON BY INTENTION DETECTION TECHNIQUE Authors: Hafizur Rahman Chowdhury (Tampere University)*; Amiruzzaman - (BRAC University); Md. Abdus Shakur (American International University- Bangladesh); All Fahad Bin Ahad (American International University - Bangladesh (AIUB))
		Paper ID #134 Title: Implantable Ultra Wideband (UWB) Antenna for Wireless Body Centric Network Based Medical Applications Authors:Dr. Mohammad Monirujjam Khan (North South University)*; H.M. Arifur Rahman (North South University)
04:00 PM - 04:30 PM	**3rd Floor Corridor**	**Refreshment**
04:30 PM - 06:00 PM		**Invited Talk 1, Room# 332** **Zoom Link: https://us06web.zoom.us/j/81782629314?pwd=Db9daz9B3ADewDuDa3D5vKIcPtXRtH.1** **Meeting ID: 817 8262 9314** **Password: 123**
		END OF DAY 1

Time	**Day-2: November 29, 2024 (Friday)**
08.30AM	**Registration**
09:30 AM - 10:15 AM	**Room# 332** Plenary Talk 02 Zoom Link: https://us06web.zoom.us/j/81782629314?pwd=Db9daz9B3ADewDuDa3D5vKIcPtXRtH.1 Meeting ID: 817 8262 9314 Password: 123
10:15 AM - 10:30 AM	**3rd Floor Corridor** Tea Break
10:30 AM - 11:30 AM	**Room 332** Website competition: Online link: https://meet.google.com/xbz-sdhx-ozz
	Room 333 Undergraduate Research Paper Contest: Online link: https://meet.google.com/ywp-kzrj-chd
	Session Chair: Dr. Abul Barkat Mollah Sayeed Ud Ullah, ULAB Session Chair: Dr. Mahjabin Mobarak, SEU Zoom Link: https://us06web.zoom.us/j/84036759467?pwd=OJHehMObWAkrUBRIloDrMT5pi0irJw.1 Meeting ID: 840 3675 9467 Password: 123
	Paper ID #2 Title: Transfer Learning-based Fine Tuned MobileNetV2 Model with Explainable Artificial Intelligence for Identifying Dental Diseases Authors: Summiya Taskin (Northern University of Business and Technology Khulna); Ferdib Al Islam (Northern University of Business and Technology Khulna)*

Time	Room	Details
10:30 AM - 12:00 PM	Room 326 Technical Session 7 (Online)	Paper ID #29 Title: Surface Plasmon Resonance Biosensor Based on Hexagonally Structured Photonic Crystal Fibre Authors:Md. Maruf Islam (Hilful group)*; Md. Shakil Jahan Boni (Chittagong University of Engineering & Technology); Mehdi Hasan Chowdhury (CUET); Kazi Tanvir Ahmmed (University of Chittagong)
		Paper ID #135 Title: 28 GHz Lock and Key Shaped Flexible Textile Antenna Design for Wearable Wireless Communications Authors:Dr. Mohammad Monirujjam Khan (North South University)*; Rakibul Haque (North South University); H.M. Arifur Rahman (North South University); Rakibul Haque (North South University); Sadman Ishraq (North South University); Sibbir Ahmed (North South University); Sk Raziul Ahasan (North South University)
		Paper ID #13 Title:Bone Tumor Detection using Faster R-CNN Authors:Shamsuzzaman Sharif (Noakhali Science and Technology University)*; Md Osman Ali (Noakhali Science and Technology University); Kamaruzzaman . (Noakhali Science and Technology University)
		Paper ID #56 Title: Driver Fatigue Detection using CWT-Extracted Features and a Deep Learning Approach (CNN-LSTM) Authors: Md. Wajed Ali (Pabna University of Science and Technology); Tanvir Ahmmed (Ostbayerische Technische Hochschule Regensburg); MD AL Emran (Personal); Dipon Roy (Pabna University of Science and Technology)*; Kawsar Ahmed Refat (Pabna University of science and technology); Robiul Khan (Pabna University of Science and Technology)
		Paper ID #61 Title: Progressive Deep Learning Approach for Breast Cancer Diagnosis in Thermal Images Authors: Nasir Danmusa (University of patras)*; Osim Kumar Pal (University of Patras); Habeeb Yusuff (University Of Strasbourg)
10:30 AM - 12:00 PM	Room 327 Technical Session 8 (Online)	Session Chair: Dr. Mohammad Hasan Imam, AIUB Session Chair: Dr. Tanseer Ali, AIUB Zoom Link: https://us06web.zoom.us/j/82375965477?pwd=9VIqSz017E7t6T92sto5IyjMANjdhu.1 Meeting ID: 823 7596 5477 Password: 123
		Paper ID #85 Title: In-Depth Analysis and a Machine Learning Approach for Predicting Smoking Status Authors: Md. Atikur Rahman (Daffodil International University)*; Md Shohanur Rahman (Daffodil International University)
		Paper ID #101 Title: A Framework for Early Diabetes Prediction and Interpretation: Sex-specific Factor Analysis Approach Using Ensemble Classifiers Authors: Irtiza Hasan (University of North Carolina at Charlotte)*; Mainul Islam (East West University); Mohammad Ehsanul Hoque (University of Georgia); Salman Jubair Jim (University of North Carolina at Charlotte)
		Paper ID #14 Title:A Novel Dataset for Abstractive Summarization of Bengali Health Documents Authors: Md. Siam Ansary (Ahsanullah University of Science and Technology)*
		Paper ID #106 Title: Web Application-Based Enhanced Esophageal Disease Diagnosis in Low-Resource Settings Authors: Abdullah Al Masum (Westcliff University); Zishad Hossain Limon (Westcliff University); MD ARIFUL ISLAM (International american University); Md Shahidur Rahman (Westcliff University); Mahbub Alam Khan (Pacific State University); Sheikh Shemanto Afridi (East West University)*; Md. Redwan Ahmed (East West University); Shafiur Rahman (Daffodil International University)
		Paper ID #117 Title: An Effective Machine Learning Framework for Hepatitis C Virus Prediction Authors: Md. Anayt Rabbi (Jagannath University)*; Tania Alam Suchi (Jagannath University); Md Manowarul Islam (Jagannath University); Arnisha Akhter (Jagannath University); Md. Ashraf Uddin (Waurn Ponds Campus, Geelong, Australia)
		Paper ID #170 Title: Enhanced Techniques for Multi-Emotion Detection from EEG Signals: Focus on Channel and Feature Selection Authors: Sricheta Parui (Kalinga Institute of Industrial Technology)*; Arnob Podder (Kalinga Institute of Industrial Technology); AL NAFIS FUAD SHUVO (Kalinga Institute of Industrial Technology); Mahendra Kumar Gourisaria (School of Computer Engineering, KIIT Deemed to be University, Bhubaneswar - 751024, Odisha); Anjali Diwan (Marwadi University)
10:30 AM - 12:00 PM	Room 331 Technical	Session Chair: Dr. Farhana Sarker, SEU Session Chair: Dr. Humayra Ferdous, AIUB
		Paper ID #137 Title:A Feature Selection-Based Ensemble Machine Learning Method for Predicting Chronic Kidney Cancer Authors:Md.Tofael Ahmed Bhuiyan (Southeast University); Md nyem hasan bhuiyan (Dhaka International University); Khandaker Mohammad Mohi Uddin (Southeast University)*; Md Abdul Based (Dhaka International University)
		Paper ID #143 Title: MobileViT and YOLOv8: Improving Bone Fracture Detection and Classification Through Deep Learning Authors:Altaf Uddin (East Delta University); Rituparna Chowdhury (East Delta University); Arnob Saha (East Delta University); Md.Hamid Hosen (East Delta University)*; Pratik Saha Roy (East Delta University); Mohammed Nazim Uddin (East Delta University)
		Paper ID #153 Title: Highly Accurate Two Channel Single-Cycle EOG Classification for Smart Wearable Technologies Authors: Wakim Sajjad Sakib (Institute of Science and Technology); Abdullah Bin Shams (University of Toronto)*; Raisa Tasrin Ridi (American International University-Bangladesh); Md. Mohsin Sarker Raihan (University of Science and Technology Chittagong); Raihani Jannat Shapnil (Institute of Science and Technology)

10:30 AM - 12:00 PM	Session 9	Paper ID #155 Title: Machine Learning Approach on Breast-Cancer Prediction with SMOTE Technique Authors: Md. Mijan Rahman (Southeast University)*; Sanjana Akther (Southeast University); Khandoker Humayoun Kobir (Southeast University); Tahmina Islam (Southeast University); Al Mahmud (Southeast University); Tabasshum Islam Efa (Southeast University)
		Paper ID #162 Title: Alzheimer's Disease Detection through LASSO and RFE based Feature Selection from EEG Data Authors: Zahrul Jannat Peya (Khulna University of Engineering & Technology, Khulna)*; Nurjahan Akter (North Western University, Khulna); Md. Sharzul Mostafa (Khulna University of Engineering & Technology, Khulna); Sharmina Al-Azad (Khulna University of Engineering & Technology, Khulna); Md. Shymon Islam (Khulna University, Khulna); Sk. Ahadul Alam (North Western University, Khulna)
		Paper ID #168 Title: Deep Learning-based Multi-Class Brain Abnormality Diagnosis on Bangladeshi MRI Images Authors:Md Rakibul Hasan (Southeast University)*; Nusrat Jahan (Southeast Univetsity); Shifat Islam (Bangladesh University of Engineering and Technology); Tashreef Muhammad (Southeast University)
11:30 AM - 12:30 AM	Room 332	Undergraduate Project Video Contest: Online link: https://meet.google.com/jqy-bdpm-dqs
	Room 333	Post Graduate Thesis Paper Contest: Online link: https://meet.google.com/zgd-bxpw-ufc
01:00 PM - 02:45 PM		**Lunch and Prayer Break (Lunch at Cafeteria, Ground floor)**
03.00 PM - 03.45 PM		**Plenary Talk 03 (Room# 332)** **Zoom Link: https://us06web.zoom.us/j/81782629314?pwd=Db9daz9B3ADewDuDa3D5vKIcPtXRtH.1** **Meeting ID: 817 8262 9314** **Password: 123**
03.45 PM - 04.15 PM		**Refreshment and Prayer Break**
04.15 PM - 05.15 PM		**Closing session (Multipurpose Hall, 9th Floor or at the Gala Dinner spot)**
07:00 PM - 09:0 PM		**Gala Dinner**
		End of Day 2