International Conference on Electrical, Computer and Communication Technologies (ECCT 2026) **Date: May** 7-9, 2026	
Organizers:	Department of CSE and EEE, DIU, Bangladesh
	Center for Intelligent Computing
	Bangladesh Computer Society
Venue:	Dhaka International University, Bangladesh
Program Schedule (All Times in Bangladesh Standard Time (GMT + 6:00 hrs)	

Day-1: May 7, 2026 (Thursday)

Inaugural Ceremony **Date: May 7, 2026, Time: 9:30 am to 10:30 am BST (GMT + 6:00 hours)** **Venue: STC**	
Refreshment **Date: May 7, 2026, Time: 10:30 am to 10:45 am BST (GMT + 6:00 hours)** **Venue: STC**	
Keynote Speech-01 (Offline) **Date: May 7, 2026, Time: 10:45 am to 11:30 am BST (GMT + 6:00 hours)** **Venue: STC** **Title:** **Speaker: Prof. Dr. M. Sohel Rahman, Department of CSE, BUET**	**Volunteers:** Rakib, CSE, 01980024190 Ridoy, CSE, 01907607838
Keynote Speech-02 (Offline) **Date: May 7, 2026, Time: 11:30 am to 12:15 pm BST (GMT + 6:00 hours)**	**Volunteers:**

Venue: STC **Title:** **Speaker: *Prof. Dr. Latifur Khan, University of Texas, Dallas, USA***	Sumon, CSE, 01632315586 Siam, CSE, 01950797397
Keynote Speech-03 (Hybrid) **Date: May 7, 2026, Time: 12:15 pm to 1:00 pm BST (GMT + 6:00 hours)** **Venue: STC** **Title: Enhancing Online Learning Through AI based Student Engagement Detection** **Speaker: Prof. Dr. Chanchal Roy, University of Saskatchewan, Canada** Zoom Link: https://bdren.zoom.us/j/94827143920?pwd=BCbWpAHSP3TwYSaYb8keBka5AUhWma.1	**Volunteers:** Turjo, CSE, 01717059047 Yousuf, CSE, 01629263618
Prayer and Lunch Break **Date: May 7, 2026, Time: 1:15 pm to 2:00 pm BST (GMT + 6:00 hours)**	
Technical Session –D1A1 (Online) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-01** **Date: May 7, 2026 Time: 2:00 pm to 4:00 pm BST (GMT + 6:00 hours)** **Zoom Link:** **https://bdren.zoom.us/j/91012054751?pwd=ahNXr0yAIGrFjCv72G4qgJ3LlAsSal.1** **PID-141:** A Lightweight Deep Learning Framework with Grad-CAM-Based Explainability for Multiclass Classification of Gallbladder Diseases from Ultrasound Images **PID-166:** Sobel-MobileNet Fusion: A Gradient-Sensitive and Texture-Aware Hybrid Network for Explainable Arsenicosis Classification **PID-205:** Multi-Class Dental Diagnosis from Panoramic Radiographs Through Object Detection using YOLO, Faster R-CNN and DETR **PID-285:** RED-Burn: An Explainable and Robust Deep Learning Framework for Automated Burn Triage **PID-286:** Explainable Deep Learning for Multi-Class Laryngeal Tissue Classification from Narrow-Band Endoscopic Images **PID-417:** Multi-Architecture Deep Learning Ensemble with Attention-Based Fusion for Thoracic Disease Classification on Chest X-rays	**Volunteers:** Shishir, CSE, 01785663736 Mushfiq, EEE, 01344642700

PID-439: Ensemble Deep Learning Framework for Diabetic Retinopathy Detection **PID-491:** CCE-Net: A CLAHE and CBAM Enhanced EfficientNetB3 Framework for Arsenic-Induced Skin Lesions Recognition **PID-546:** Multi-XAI Fusion Framework for Reliable Skin Cancer Detection Using Interpretable Deep Learning	
Technical Session –D1A2 (Online) **Session Title: Cybersecurity, Privacy, Trustworthy AI and Digital Safety-01** **Date: May 7, 2026 Time: 2:00 pm to 4:00 pm BST (GMT + 6:00 hours)** **Zoom Link:** https://bdren.zoom.us/j/94578462229?pwd=kEPo2aRcZWlBNzXb2vvllnHnm9UZBV.1 **PID-062:** A Hybrid Framework for Fair and Real-Time Crime Hotspot Prediction **PID-137:** AI-Driven Telemetry Based Detection and Prevention of Lateral Movement and Command and Control (C2) Attacks in Zero Trust Enterprise Networks and Applications **PID-161:** Enhancing API Security through Zero Trust Architecture and Machine Learning: Detection, Prevention, Privacy, and Robustness **PID-211:** Transparent and Reliable Electronic Voting System using Blockchain: Bangladesh Perspective **PID-257:** Graph-Enhanced Transformer Architecture for Multi-Class Cyberbullying Detection on Social Media **PID-330:** Network Anomaly Detection Using K-Nearest Neighbors: A Machine Learning Approach **PID-701:** UAVCAN-Graph: Temporal Graph Construction and Residual GNN for Multi-Class Attack Detection in UAV Systems	**Volunteers:** Rakib, CSE, 01980024190 Ridoy, CSE, 01907607838
Technical Session –D1A3 (Online) **Session Title: Bangla NLP, LLMs, Social Media and Recommender Analytics-01** **Date: May 7, 2026 Time: 2:00 pm to 4:00 pm BST (GMT + 6:00 hours)** **Zoom Link:** https://bdren.zoom.us/j/95632507849?pwd=Ytt8SQQFQ6mTaONmR3TegiKkCu3dxH.1 **PID-238:** Risk-Adaptive Hierarchical Reinforcement Learning for Cryptocurrency Trading with Multi-Resolution Microstructure and Sentiment Fusion **PID-244:** Enhancing Bangla E-Commerce Review Sentiment Analysis Using Deep Learning Frameworks **PID-265:** A Hybrid CNN–LSTM Framework for Robust Bengali Speech Emotion Recognition Using Data Augmentation on the SUBESCO Dataset **PID-360:** Hate Speech Detection and Classification in Bangla: A Multi-Platform Approach	**Session Chair:** **Volunteers:** Sumon, CSE, 01632315586 Siam, CSE, 01950797397

PID-374: BanglaBioCorpus: An NLP-driven Framework for Medical Named Entity Recognition and Specialist Recommendation **PID-395:** Curriculum-Aware and Grounded Multimodal RAG for SSC-Level Bangla and Code-Mixed Educational Assistance **PID-444:** Identifying Efficient Hyperparameter Tuning Methods for Bangla Deep Learning Tasks	
Technical Session –D1A4 (Online) **Session Title: Smart IoT, Autonomous Transportation, Edge Systems and Industrial Automation-01** **Date: May 7, 2026 Time: 2:00 pm to 4:00 pm BST (GMT + 6:00 hours)** **Zoom Link:** https://bdren.zoom.us/j/94013616777?pwd=7caAl8cU9MRMbyC6oTtd2b3WqNZ9lA.1 **PID-150:** System and Network Architecture for Deep Deterministic Policy Gradient-Based for Device-to-Device Wireless Communications **PID-160:** Improving Urban Traffic Flow with Dueling Double Deep Q-Networks for Variable Speed Control in SUMO **PID-197:** IoT-Enabled Low-Cost Smart Home Security Framework with Multi-Hazard Sensing: Prototype Validation, Latency, and Deployment Trade-off Analysis **PID-235:** A Low-Cost ESP32-Based Bluetooth Wireless Remote Actuation System for IoT Applications **PID-273:** CSI-STACID: A Robust Device-Free Gait Identification Framework Using ESP32 WiFi CSI **PID-629:** MSCNet: A Lightweight Multi-Scale Compensation Network for Underwater Image Enhancement on Resource-Constrained Systems **PID-570:** Device-Independent Human Activity Recognition across Wearable Sensors in an IoT Framework **PID-711:** Real-Time Traffic Sign Detection in Bangladesh: A Comparative Study of YOLOv11 Variants	**Volunteers:** Turjo, CSE, 01717059047 Yousuf, CSE, 01629263618
Technical Session –D1A5 (Online) **Session Title: Renewable Energy, EV Power Systems, Photonics, Semiconductor Devices and Communications Hardware-01** **Date: May 07, 2026 Time: 2:00 pm to 4:00 pm BST (GMT + 6:00 hours)** **Zoom Link:** https://bdren.zoom.us/j/99856592261?pwd=HQzJXxhtoh82qMmH7aLEn80PRoeBgG.1 **Zoom ID:**	**Volunteers:** Rafsan, EEE, 01302129300 Shakawat, EEE, 01626225557

PID-047: Modeling Energy Security Resilience: A Hybrid Machine Learning and Panel ARDL Approach. **PID-255:** Design and Analysis of an Advanced Electrical Power System with Renewable Energy Integration **PID-325:** A Resilient Damping Controller to Reduce Low Frequency Oscillations in a Battery Energy Storage System Based Microgrid **PID-503:** Gamifying Sustainable Infrastructure: Piezo Agent as a Human-Centric Interface for Complex Energy Harvesting Research **PID-507:** Hybrid Optimization and Machine Learning Framework for Reflection Coefficient Prediction in 5G Communication Systems **PID-532:** Two-Stage Coordination of Electric Vehicle Charging Stations in a Distribution System **PID-580:** Attention-Enhanced LSTM Framework for Accurate and Robust Short-Term Solar Power Forecasting in Smart Grid Systems	
Technical Session –D1A6 (Online) **Session Title: AgriTech, Environmental Intelligence, Food Computing and Sustainable Vision Analytics-01** **Date: May 07, 2026 Time: 2:00 pm to 4:00 pm BST (GMT + 6:00 hours)** **Zoom Link:** https://bdren.zoom.us/j/96335117749?pwd=woPBATaMEPrdNlFwZldt2aomjo09CR.1 **PID-146:** Smart Agriculture: An Intelligent Crop Recommendation System Using Deep Learning, Machine Learning, and Web-Based Decision Support Platform **PID-202:** Explainable Multi-Class Crop Recommendation System Using Stacking Ensemble Learning and SHAP-Based Feature Analysis **PID-214:** Advancing Digital Agriculture: Deep Learning based A smart rose disease Classifier **PID-216:** Crisis-CLIP: A Resource-Efficient Multimodal Framework for Real-Time Disaster Response **PID-259:** Hydro-TransGRU: A Framework for Flood Prediction with Explainable AI in Bangladesh **PID-344:** TEMPO-X: Knowledge-Distilled Cross-Domain Temporal Attention Network with Explainable Transfer Learning for Satellite Images **PID-449:** MangoLeafVarietyBD: A High-Resolution Image Dataset for Mango Variety Classification using Multi-Architecture Deep Learning **PID-458:** Explainable Knowledge Distillation from ConvNeXt to MobileNetV3 for Efficient Plant Disease Classification **PID-483:** Smart Farming: YOLOv8-CBAM for Automated Insect Detection in Precision Agriculture.	**Volunteers:** Kaosar, EEE, 01914407473 Shoton, EEE, 01786118570
Technical Session –D1A7 (Online) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-02**	**Volunteers:**

Date May 07, 2026 Time: 2:00 pm to 4:00 pm BST (GMT + 6:00 hours) **Zoom Link:** https://bdren.zoom.us/j/93908664186?pwd=WVi7U2aQya5kaJQebsbegEZeNHNb4o.1 **PID-78:** Fairness-Aware Calibrated Gradient-Boosted Models for Leakage-Safe Chronic Kidney Disease Screening and Staging in NHANES **PID-125:** A Semi-Supervised and Explainable Stacked Ensemble Model for Multi-Class Haematological Disorder Classification Using Complete Blood Count Data **PID-209:** On the Validity of Multi-Class Depression Classification: A Severity- and Uncertainty-Aware Analysis **PID-287:** MRI-Based Alzheimer's Disease Classification using Deep Learning Models with Explainable AI **PID-443:** Dual-Backbone ConvNeXt–EfficientNet Ensemble for Accurate and Uncertainty-Aware Brain Tumor Classification from MRI **PID-462:** A Soft Voting-based Ensemble Approach for Histopathological Lung Cancer Classification using Advanced Deep Learning Architectures **PID-572:** Efficient Diabetic Retinopathy Grading on APTOS Using a Lightweight MobileNetV3-Large Model **PID-601:** Confusion-Aware Refinement for Multi-Class Mental Health Classification in Social Media Posts	Imran, CSE, 01920053800 Ranjit, CSE, 01707991928
Technical Session –D1A8 (Online) **Session Title: Bangla NLP, LLMs, Social Media and Recommender Analytics-02** **Date: May 07, 2026 Time:** 2:00 pm to 4:00 pm BST (GMT + 6:00 hours) **Zoom Link:** https://bdren.zoom.us/j/95497320676?pwd=NSoWvgkaZh6A2TpFWgSF1MRafgkdCY.1 **PID-122:** AI Driven Techniques for Predicting Student's Class Lecture Activity to Improve Learning Outcomes **PID-139:** Predicting Student Academic Performance from Collaborative Learning Behaviors Using Machine Learning and Explainable Insights **PID-145:** A Comparative Study of Machine Learning Models for E-Commerce Demand Forecasting with Explainable AI **PID-469:** ChattogramSent: A Multilingual Sentiment Dataset for the Chattogram Dialect, Standard Bengali, and English **PID-473:** Transformer-Based Unified Framework for Joint Tense and Sentiment Analysis in Annotated Bengali Corpora **PID-662:** SOMA: Multimodal Sentiment Analysis of Bangla Memes Using Vision and Transformer-Based Models	**Volunteers:** Showrav, EEE, 01771169015 Tanvir, EEE, 01617561378

<table>
<tr><td colspan="2">Break
Date: May 7, 2026, Time: 4:00 pm to 4:30 pm BST (GMT + 6:00 hours)</td></tr>
<tr><td>Technical Session –D1B1 (Online)
Session Title: Smart IoT, Autonomous Transportation, Edge Systems and Industrial Automation-02
Date: May 07, 2026 Time: 4:30 pm to 6:30 pm BST (GMT + 6:00 hours)
Zoom Link: https://bdren.zoom.us/j/94298574121?pwd=tcJoS6iGfovr9cvxkWkdxRrUXbNnVE.1

PID-263: Noise -Robust ADPCM for Image Transmission Using CNN-Based Error Correction
PID-279: A Dataset-Driven Deep Transfer Learning Approach for Corrosion Detection in Industrial Tools and Equipment
PID-293: Comparative Performance Evaluation of Traditional and Deep-Learning Models for Acoustic Scene Classification
PID-297: LPR-YNet: A Four-Scale YOLOv11 Architecture for Robust Low-Light License Plate Recognition
PID-595: Feature Engineering and Underwater Motor Acoustic Classification Using 1D CNNs
PID-609: Automated Detection and Classification of Electronic Components
PID-627: An Advanced Architecture for Low-Light Image Enhancement</td><td>Volunteers:
Showrav, EEE, 01771169015
Tanvir, EEE, 01617561378</td></tr>
<tr><td>Technical Session –D1B2 (Online)
Session Title: Renewable Energy, EV Power Systems, Photonics, Semiconductor Devices and Communications Hardware-02
Date: May 07, 2026 Time: 4:30 pm to 6:30 pm BST (GMT + 6:00 hours)
Zoom Link:
https://bdren.zoom.us/j/96696554492?pwd=u30D56wwmUbnugDarBJuoC30BgJZoN.1

PID-247: Architectural Convergence: A Theoretical and Applied Framework for Hybrid Quantum-High Performance Computing (Q-HPC) Systems
PID-301: AdaSparse: A Sensitivity-Aware Dynamic N:M Sparsity Framework for Energy-Efficient Inference on Tensor Cores
PID-484: An AI-based framework for Li-Fi: A hybrid experimental and simulation approach
PID-548: Compact Planar Yagi-Uda Antenna with Frequency Reconfigurability for 2.4/5 GHz IoT Applications
PID-568: An Explainable AI Framework for Autonomous Optimization of Nanomaterial Synthesis with Morphology-Aware Control
PID-630: Effect of Graphene-Based and Doped Hole Transport Layers on CH_3SnI_3 Lead-Free Perovskite Solar Cells: A SCAPS-1D Analysis
PID-647: Numerical Optimization and Viability Assessment of Lead-Free Cs_2TiBr_6 Perovskite Solar Cells Using SCAPS-1D</td><td>Volunteers:

Kaosar, EEE, 01914407473
Shoton, EEE, 01786118570</td></tr>
</table>

PID-690: Machine Learning-Driven Calibration of Industrial Temperature Sensors with Drift Awareness and Uncertainty Quantification for Enhanced Measurement Accuracy	
Technical Session –D1B3 (Online) **Session Title: Cybersecurity, Privacy, Trustworthy AI and Digital Safety-02** **Date: May 07, 2026 Time:** 4:30 pm to 6:30 pm BST (GMT + 6:00 hours) **Zoom Link:** https://bdren.zoom.us/j/96818625770?pwd=VIS2GNuS34LL2XtEvGnQs3cOE1vvJo.1 **PID-262:** Deep Learning Integrated CNN-ADPCM Method for Secure Wireless Communication **PID-351:** A Real-Time Lightweight Intrusion Detection System for Smart City Networks Using Optimized Deep Learning **PID-453:** Covert Data Transmission Using Secret Sharing and ARP Network Steganography **PID-482:** MANet: AContext-Aware Attention Network for Robust Zero-Day Ransomware Detection **PID-486:** Quantum Kernel Based Classification for Quishing Detection: A Comparative Study of QKNN and QSVM **PID-591:** A Self-Supervised Graph Neural Network Framework for Zero-Day Intrusion Detection in Large-Scale Networks	**Volunteers:** Imran, CSE, 01920053800 Ranjit, CSE, 01707991928
Technical Session –D1B4 (Online) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-03** **Date: May 07, 2026 Time:** 4:30 pm to 6:30 pm BST (GMT + 6:00 hours) **Zoom Link:** https://bdren.zoom.us/j/96658804807?pwd=BxuaadGq1bsXlcFeBnGOE3PoCD3WnM.1 **PID-085:** Advancing the Diagnosis of Gastrointestinal Disease Using a Deep Learning Model **PID-086:** An Efficient Machine Learning Approach for Maternal Health Risk Prediction with SMOTE-ENN and PCA **PID-162:** Explainable AI for Multi-Class Alzheimer's Disease Prediction Using Clinical Tabular Data **PID-603:** ORViT-DR: Ordinality-Aware Hybrid ViT for Low-Resolution Diabetic Retinopathy Grading **PID-611:** Early Detection of Skin Cancer using DenseNet and Convolutional Block Attention Module through Dermoscopic Image Analysis **PID-619:** Hybrid Transformer–CNN Fusion with PCA and Stacking Ensemble for Multi-Class Neurodegenerative Disease Classification from MRI **PID-680:** Baseline-Aware Practical Framework for EEG Workload Classification with Reduced Electrodes Across Multiple Datasets **PID-710:** TOE Framework Analysis of AI-Augmented Telemedicine Adoption by Healthcare Providers in Dhaka, Bangladesh	**Volunteers:** 15. Rafsan, EEE 01302129300 16. Shakawat, EEE 01626225557

Technical Session –D1B5 (Online) **Session Title: Bangla NLP, LLMs, Social Media and Recommender Analytics-03** **Date: May 07, 2026 Time:** 4:30 pm to 6:30 pm BST (GMT + 6:00 hours) **Zoom Link:** https://bdren.zoom.us/j/92589647124?pwd=c82nbYZjapIN22Z33Fi5ZXC5Pom269.1 **PID-140:** MemeStream: A Dedicated Meme-Sharing Platform with AI-Powered Content Validation and Real-Time Engagement **PID-253:** Customer Segmentation Analysis using Synthetic Retail Data in Big Data Environment **PID-300:** An Automated Two-Stage Decision Support System for Risk-Adjusted Stock Trading in Emerging Frontier Markets: Synergizing Fundamental Valuation with Deep LSTM Ensembles **PID-475:** Determinants of Cloud Computing Adoption and Operational Performance: The Mediating Role of Cloud Adoption in SMEs in an Emerging Economy **PID-543:** Comparing Human-Centered and Generative AI-Based Usability Evaluation: A Case Study on a Ride-Sharing App **PID-686:** FairSER: A Lightweight Gender-Debiased Framework for Speech Emotion Recognition Utilizing a CNN--Transformer Hybrid	**Volunteers:** 13. Shishir, CSE 01785663736 14. Musfiq, EEE 01344642700
Technical Session –D1B6 (Online) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-04** **Date: May 07, 2026 Time:** 4:30 pm to 6:30 pm BST (GMT + 6:00 hours) **Zoom Link:** https://bdren.zoom.us/j/96353466413?pwd=8YZHvCJKeCRXAmhjUMvTBYQc4iFtAO.1 **PID-269:** Early Prediction of Heart Disease Using a Stacking Ensemble Machine Learning Model **PID-280:** Forward Temporally Validated and Calibration-Aware Mortality Risk Prediction with Fairness and Explainability in a Population-Based Cohort **PID-463:** AI-Driven Early Detection of Heart Disease Using Machine Learning and Deep Learning **PID-582:** Workload-Bounded Postoperative Stroke Risk Prediction of Surgical ICU Patients Using MIMIC-IV: Temporal Validation, Calibration, and Decision-Curve Utility **PID-589:** CutMix-AUG: Improving Deep Learning–Based Leukemia Diagnosis Using Pathology-Aware Data Augmentation **PID-592:** MagViT: Interpretable Multi-Magnification Transformers with Patient-Level Model Selection for Breast Histopathology **PID-594:** Medical Text Simplification for Rural Patients: Safe, Accessible, and Equity-Focused NLP Solutions	**Volunteers:** 9. Ashraful, CSE 01889262042 10. Komol, CSE 01755777487
Technical Session –D1B7 (Online) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-05** **Date: May 07, 2026 Time:** 4:30 pm to 6:30 pm BST (GMT + 6:00 hours) **Zoom Link:** https://bdren.zoom.us/j/99515303774?pwd=o9unNqf4KAPHyplhT0BHDHNsFOACKh.1	**Volunteers:** 7. Mehedi, CSE 01868922164 8. Rashed, CSE 01646516884

PID-282: Transformer-Based Early Detection of Mental Health Disorders Using Multilingual Text and Emoji **PID-337:** A Resistome-Driven Ensemble Framework for Antimicrobial Resistance Phenotype Prediction **PID-419:** ASL Fingerspelling Recognition: A Comparative Study of ML, DL, and Attention-Based Approaches **PID-501:** DPH-Net: A Dual-Path Hybrid CNN Bi-LSTM Attention and CatBoost Fusion Framework for EEG-Based Epileptic Seizure Detection **PID-542:** EfficientSignBD: Automated Sign Language Recognition using Deep Convolutional Neural Network Based on EfficientNet Architecture **PID-586:** Few-Shot Cross-Dataset Adaptation for Tuberculosis Detection Using DenseNet **PID-623:** CG-HEM-CL: Hard-Example Mining with Contrastive Learning of Brain Tumors in MRI with Curriculum guidance.	
End of Day 1	

Program Schedule
All Times in BST (GMT + 6:00 hrs)
Day-2: May 8, 2026 (Friday)
Venue: Dhaka International University

Breakfast, Registration and Kits Collection **Date: May 8, 2026, Time: 7.30:00 am to 9:00 am BST (GMT + 6:00 hours)** **Venue: 502 (4th Floor), New Building**	
Technical Session –D2C1 (Offline) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-06** **Date: May 08, 2026 Time: 8:30 am to 10:30 am BST (GMT + 6:00 hours)** **Venue: Lab-1 (4th Floor), New Building** **PID-059:** End-to-End Deep Learning Framework for Kidney MRI Segmentation and Explainable CKD Detection Using Transfer Learning **PID-261:** Can Large Language Models Predict and Explain Diabetes Outcomes?	**Volunteers:** 1. Rakib ,CSE 01980024190 2. Ridoy, CSE 01907607838

PID-276: Cross-Attention as Architectural Enhancement for Septic Shock Prediction: Insights from Multimodal Fusion Analysis on MIMIC-IV **PID-298:** Advancing Sports Injury Risk Prediction Through Machine Learning: Evaluating Ensemble Intelligence Against Classical Classifiers **PID-406:** A Robust Stacking Ensemble Model for Stroke Risk Prediction with Integrated Dual Explainability via SHAP and LIME **PID-421:** Assessing the Stability of Feature Attributions in Explainable Machine Learning Models for Maternal Health Risk Prediction **PID-497:** An Explainable Soft Voting Ensemble Framework for Cardiovascular Disease Prediction Using Large-Scale Clinical Data **PID-516:** Deep Ensemble Learning and Explainable AI for Automated Scalp Disease Classification and Clinical Reporting **PID-649:** An Ensemble Machine Learning Framework for Stroke Prediction Using Clinical Data	
Technical Session –D2C2 (Offline) **Session Title: Cybersecurity, Privacy, Trustworthy AI and Digital Safety-03** **Date: May 08, 2026 Time: 8:30 am to 10:30 am BST (GMT + 6:00 hours)** **Venue: Lab-3 (4th Floor), New Building** **PID-130:** A Comparative Study of Bangla Social Media Cyberbullying Detection Integrating Machine Learning and Blockchain Technology **PID-377:** An explainable Ensembled Boosting strategy for making a multi-class intrusion detection framework based on the CICIDS2017 dataset **PID-400:** Semantic Feature Mapping for Enhanced Cross-Dataset Generalization in Network Intrusion Detection Systems **PID-525:** Adversarial Attacks on Intrusion Detection Systems: How ML-based IDS Can Be Tricked and Defenses That Work **PID-576:** An Explainable LSTM Approach for Trustworthy Intrusion Detection Using SHAP and LIME **PID-612:** ClsMeta-IDS: Clustered Privacy-Preserving Federated Meta-Learning for Few-Shot Adaptive IoT Anomaly Detection in Non-IID Environments **PID-631:** Federated and Explainable Machine Learning Framework for Cyber Attack Detection in Smart Grids **PID-646:** A Reproducible Evaluation of Machine Learning Models for Intrusion Detection Using UNSW-NB15 **PID-664:** Lightweight and Explainable 1D Convolutional Neural Network Framework for Intrusion Detection in IoT Networks Targeting DDoS and Mirai Attacks	**Volunteers:** 3. Sumon, CSE 01632315586 4. Siyam, CSE 01950797397
Technical Session –D2C3 (Offline)	

Session Title: Bangla NLP, LLMs, Social Media and Recommender Analytics-04 **Date: May 08, 2026 Time: 8:30 am to 10:30 am BST (GMT + 6:00 hours)** **Venue: Lab-4 (4th Floor), New Building** **PID-229:** Evaluating Large Language Models for BanglaCHQ Dataset Summarization in a Zero-Shot Setting with Anomaly Detection **PID-251:** Depression Detection from Code Mixed Bangla English Social Media Text **PID-468:** An Empirical Comparative Study of Machine Learning, Deep Learning and Transformer Models for Bangla Fake News Detection **PID-472:** Echoes of Unrest: A Multimodal NLP Framework for Early Warning of Fake News and Violence-Driven Mob Activity **PID-488:** A Modular Machine Learning Pipeline for Bengali Food Classification and Recommendation: From Dataset to Personalized Recommendation **PID-492:** AI-Assisted Detection of Fake News in Bangla Social Media Using Deep Learning with Explainability (XAI) **PID-560:** Automated Classification of Slang vs Non-Slang in Romanized Chatgaiya Social Media Text **PID-673:** Automated Detection of Fake Job Advertisements in Bangladesh via Machine Learning Approaches	**Volunteers:** 5. Turjo, CSE 01717059047 6. Yousuf,CSE 01629263618
Technical Session –D2C4 (Offline) **Session Title: Smart IoT, Autonomous Transportation, Edge Systems and Industrial Automation-03** **Date: May 08, 2026 Time: 8:30 am to 10:30 am BST (GMT + 6:00 hours)** **Venue: Lab-5 (5th Floor), New Building** **PID-178:** Adaptive Traffic Signal Control Using YOLOv10andFairness Logic with GUI-based Visualization **PID-408:** Enhancing Object Detection and Tracking in Autonomous Vehicles Using a Deep Learning Approach **PID-409:** Deep Learning-Based Hourly Traffic Volume Forecasting Using Stacked LSTM Networks: A Multi-Junction Evaluation on Heterogeneous Urban Road Sensors **PID-490:** DIU Real-Time Transportation Tracking System **PID-512:** RTOS-Based Intelligent Railway Level Crossing System Using ESP32-S3 **PID-530:** Beyond Speed Thresholds: Unsupervised Behavioral Regime Profiling for Vessel Anomaly Detection in Constrained Maritime Corridors **PID-566:** Lightweight Deep Learning for Urban Traffic Intelligence: A MobileNetV2–YOLOv8 Pipeline with Adaptive Resolution Processing	**Volunteers:** 7. Mehedi, CSE 01868922164 8. Rashed, CSE 01646516884

PID-606: Predicting High-Density Traffic Events in a Permanently Slow-Speed Maritime Corridor: An AIS-Based Machine Learning Framework **PID-694:** A Multimodal, Infrastructure-Free Offline Emergency Communication System for Mobile Devices Using Adaptive Hybrid Mesh Networking	
Technical Session –D2C5 (Offline) **Session Title: Renewable Energy, EV Power Systems, Photonics, Semiconductor Devices and Communications Hardware-03** **Date: May 08, 2026 Time: 8:30 am to 10:30 am BST (GMT + 6:00 hours)** **Venue: Room No: 402 (3rd Floor)** **PID-123:** Photovoltaic Performance Enhancement of Lead-free FaSnI3 based Perovskite Solar Cell **PID-124:** PV Panel Implementation for Decrease Emission of CO2 from Generator in Industrial Power system **PID-170:** Techno-Economic Analysis of an Off-Grid Rooftop Solar PV–Battery System for Inland Passenger Launches in Bangladesh **PID-480:** Performance Evaluation of a Renewable Energy-Based Solar EV Charger Using MPPT and Optimized PI Control for Sustainable Transportation **PID-557:** Fuzzy Logic Based Smart Energy Management System for Air Conditioning Load to Minimize Energy Consumption and Cost **PID-577:** Feasibility Study of a Floating Solar PV Based Hybrid Renewable Energy System for Sustainable Power Generation in Bangladesh **PID-642:** Design and Simulation of an Active Charge Balancing System Using a Bidirectional DC–DC Converter for Lithium-Ion Battery Packs in Electric Vehicles **PID-670:** An Explainable Artificial Intelligence-Based Joint State-of-Charge and State-of-Health Estimation for Distributed Battery Management Systems in Electric Vehicles	**Volunteers:** 19. Kawsar, EEE 01914407473 20. Shoton, EEE 01786118570
Technical Session –D2C6 (Offline) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-07** **Date: May 08, 2026 Time: 8:30 am to 10:30 am BST (GMT + 6:00 hours)** **Venue: Room No 403 (3rd Floor)** **PID-206:** Explainable Stacking Ensemble for Accurate Asthma Prediction Using Clinical and Environmental Data **PID-294:** Multi-Task Deep Learning for Vitamin Deficiency Disease and Multiple-Deficiency Prediction with Risk Scoring and Data Mining–Driven Pattern Discovery **PID-336:** Toward Reliable Early Diabetes Screening in Pakistani Adults: A Leakage-Aware, Interpretable Machine Learn ing Framework Based on Non-Invasive Features **PID-339:** Hybrid Attention-Based and Gradient-Boosted Ensemble for Accurate Chronic Kidney Disease Prediction Using Clinical and Laboratory Data **PID-365:** The Hidden Structure of Eating through Unsupervised Behavioral Phenotyping: Beyond Obesity Classification	**Volunteers:** 17. Showrav, EEE 01771169015 18. Tanvir, EEE 01617561378

PID-385: RBLR-CVD Residual-Boosted Linear Regression for Interpretable Cardiovascular Risk-Score Prediction in Bangladesh **PID-496:** Machine Learning-Based Dry Eye Disease Prediction Using Metabolomic and Clinical Data: An Explainable SHAP Approach **PID-513:** Ensemble-Based Machine Learning Approach for Early Detection of Thyroid Disease **PID-652:** Explainable Cardiovascular Risk Stratification in Bangladesh: Integrating Youden's J Statistic and SHAP	
Technical Session –D2C7 (Offline) **Session Title: Bangla NLP, LLMs, Social Media and Recommender Analytics-05** **Date: May 08, 2026 Time: 8:30 am to 10:30 am BST (GMT + 6:00 hours)** **Venue: Room No 404 (3rd Floor)** **PID-260:** Understand and Evaluate the Strength Encoder Decoder Frameworks for Solving Low Resource Bangla Language Question Answering **PID-138:** ShiftOR-Net:Ordinal Transfer for Smartphone Addiction Severity Under Teen-to-Undergraduate Shift **PID-155:** Customer Retention in Bangladeshi Banks: A Predictive Analytics Approach Using Machine Learning **PID-215:** Few-Shot Multimodal Instruction Tuning for Vision-Language Models **PID-571:** Impact of Social Media Usage on Academic Performance: A Hybrid Machine Learning and SEM Approach **PID-573:** Determinants of Marketing Strategy Innovation: Examining the Mediating Role of Artificial Intelligence Adoption through the TOE Framework **PID-599:** Explainable Boosting Machine for Predicting Workforce Disruption in the Era of Artificial Intelligence **PID-602:** From Classical ML to Transformers: A Comparative, Interpretable, and Deployment-Oriented Framework for Movie Review Sentiment Analysis	**Volunteers:** 15. Rafsan, EEE 01302129300 16. Shakawat, EEE 01626225557
Technical Session –D2C8 (Offline) **Session Title: Smart IoT, Autonomous Transportation, Edge Systems and Industrial Automation-04** **Date: May 08, 2026 Time: 8:30 am to 10:30 am BST (GMT + 6:00 hours)** **Venue: Room No 505 (4th Floor)** **PID-272:** EnviroSense: IoT-Based Real-Time Air Quality Monitoring System Tips for Good Health and Well-Being **PID-404:** Design and Implementation of a Low-Cost IoT-Based Smart Energy Meter with Real-Time Cloud Monitoring, Cost Calculation, and Non-Volatile Data Persistence **PID-446:** LightSense-IoT: A Cloud-Connected Multi-Sensor Platform for Real-Time Environmental Monitoring and Short-Term Light Intensity Forecasting	**Volunteers:** 9. Ashraful, CSE 01889262042 10. Komol, CSE 01755777487

PID-625: MEWC-RL++: A Modular and Adaptive Continual Reinforcement Learning Framework for Automation Systems in Structured but Evolving Environments **PID-638:** Design and Study of a Four-stage Compliant Asymmetric Microgripper **PID-650:** Explainable Insulator Defect Detection for Power Line Inspection: A Comparative Study of YOLOv12-L, YOLOv26-L, and RT-DETR-L on an EPRI Dataset **PID-658:** PaniCord: An IoT-Based Emergency Alert System Using ESP32 for Real-Time Location Tracking **PID-668:** Exploring the Key Drivers of IoT Adoption in Smart Manufacturing Firms: Evidence from a Developing Country Context **PID-706:** A Context-Aware Reinforcement Learning-Based Framework for Adaptive Task Orchestration and Behavioral Modeling in Mobile Applications	
Invited Talk & Technical Session –D2C9 (Offline) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-11** **Date: May 08, 2026 Time: 8:30 am to 10:30 am BST (GMT + 6:00 hours)** **Venue: Room No 603 (5th Floor)** **Invited Talk: Reserved Speaker: Md. Sabir Hossain, CUET Title: Augmented and Virtual Reality in Education from Research Insights to Real World Impact and Future Directions** **PID-064:** Decoding Depression: An Explainable PyTorch-PySpark Framework Using Ensemble and Deep Learning Models **PID-250:** Evaluating ML Model Reliability in Medical Diagnosis with Data Splits and Noise **PID-299:** Predicting Drug–Drug Interactions Using Large Language Models in a Zero-Shot Approach **PID-430:** Explainable Machine Learning Framework for Symptom-Based Disease Prediction with Robustness Analysis **PID-693:** Personalisation-Driven Stress Classification from Wearable IoT Physiological Signals: A Comparative Machine Learning Study	**Volunteers:** 11. Imran, CSE 01920053800 12. Ranjit, CSE 01707991928
Refreshment **Date: May 8, 2026, Time: 10:30 am to 10:45 am BST (GMT + 6:00 hours)** **Venue: 502 (4th Floor), New Building**	
Technical Session –D2E1 (Offline) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-08** **Date: May 08, 2026 Time: 10:45 am to 12:45 pm BST (GMT + 6:00 hours)** **Venue: Lab-1 (4th Floor), New Building**	**Volunteers:** 1. Rakib ,CSE 01980024190 2. Ridoy, CSE 01907607838

PID-083: A Controlled Study of Mask Guidance and Knowledge Distillation for Lightweight Breast Ultrasound Classification **PID-157:** Automated Paratuberculosis Diagnosis Using Pyramid Vision Transformer and Metaheuristic-Optimized Random Forest **PID-239:** A Machine Learning Based Approach for Breast Cancer Detection Using Diagnostic Data **PID-335:** DS-SCLS: A Deep Learning-Based Dual-Stage Framework for Stroke Classification and Lesion Segmentation with Region Estimation Using CT Images **PID-432:** Enhancing Brain Tumor Diagnosis with Deep Convolutional Networks: A Comprehensive Comparison and Explainable AI Insights on Multimodal Data **PID-455:** A Deep Learning-Based Brain Tumor Segmentation and Area Quantification using Multimodal Images **PID-493:** Transfer Learning-Based Brain Tumor MRI Classification Using VGG16 with Batch Normalization: Comparative Analysis and Adversarial Robustness Evaluation **PID-523:** Metaheuristic Driven Feature Selection for Machine Learning Based Glioma Grading: An Empirical Study **PID-703:** Limitations of fNIRS for Individual Finger Movement Decoding: A Systematic Evaluation on a 25-Subject Motor Cortex Dataset	
Technical Session –D2E2 (Offline) **Session Title: Cybersecurity, Privacy, Trustworthy AI and Digital Safety-04** **Date: May 08, 2026 Time: 10:45 am to 12:45 pm BST (GMT + 6:00 hours)** **Venue: Lab-3 (4th Floor), New Building** **PID-399:** Risk-Aware Prompt Injection Detection via Safe Abstraction and Generative Augmentation **PID-403:** BANGLABULLY : Label-Aware Cross-Attention for Multilabel Cyberbullying Detection in Bangla with Interpretability **PID-447:** Secure Mental Health Prediction with Fully Homomorphic Encryption **PID-607:** A Deep Learning Pipeline for Universal Help Sign Detection Under ATM Coercion **PID-671:** A Multimodal Artificial Intelligence Framework for Cyberbullying Detection and Structured Digital Evidence Management **PID-678:** VisioLock: Cross-Media Secure Image Transmission via Audio-Domain Encoding and Device-Bound Cryptography **PID-685:** A Comparative Analysis of Traditional and Ensemble Machine Learning Models for Phishing Email Detection with Explainable AI **PID-704:** SafeLink+: A Zero-Trust Mobile Link Execution Framework for Protecting Users from Malicious URLs	**Volunteers:** 3. Sumon, CSE 01632315586 4. Siyam, CSE 01950797397
Technical Session –D2E3 (Offline) **Session Title: Smart IoT, Autonomous Transportation, Edge Systems and Industrial Automation-05**	**Volunteers:** 5. Turjo, CSE 01717059047

Date: May 08, 2026 Time: 10:45 am to 12:45 pm BST (GMT + 6:00 hours) **Venue: Lab-4 (4th Floor), New Building** **PID-192:** Dual-Stage Semantic Calibration: A Safety-First Framework for Visual Question Answering in Assistive Technologies **PID-252:** AGPF-YOLO: Attentive Gated P3-P4 fusion for enhanced YoloV8 Segmentation **PID-266:** A Calibrated Mission-Gated Expert Architecture for Exoplanet Detection across Heterogeneous Datasets **PID-410:** A Leakage-Free and At-Risk-Focused Machine Learning Framework for Student Performance Prediction **PID-479:** SoftSense-HFS: An Explainable Hybrid Ensemble Soft Sensor with Hybrid Feature Selection for SCADA Time-Series Phosphate Estimation **PID-517:** Forecasting Prepaid Electricity Refill Behavior: A Weather-Augmented Multi-Output Temporal Modeling Approach **PID-616:** PCB-LENSE: End-to-End PCB IC Marking Recognition and Datasheet-Link Generation **PID-660:** UX Maturity in Bangladeshi Digital Firms: A Multi-Case Assessment and Roadmap	6. Yousuf,CSE 01629263618
Technical Session –D2E4 (Offline) **Session Title: AgriTech, Environmental Intelligence, Food Computing and Sustainable Vision Analytics-02** **Date: May 08, 2026 Time: 10:45 am to 12:45 pm BST (GMT + 6:00 hours)** **Venue: Room No: 505 (4th Floor)** **PID-267:** MSLeafNet: Multi-Classes Classification with Transfer Learning of Imbalanced Malabar Spinach Leaf Diseases **PID-281:** DViT: An Explainable DenseNet–ViT Fusion Architecture for Robust Field-Based Guava Leaf Disease Detection **PID-289:** NXA-StackNet: An Explainable Stacked CNN Ensemble with Grad-CAM interpretability for Precision-Driven Litchi Leaf Disease Classification **PID-357:** MADE-Pest: An Explainable Multi-Scale Knowledge-Distilled Network for Crop Pest Detection and Density Estimation **PID-618:** Comparative Study of Regression Models and Ensemble Stacking with SHAP-Based Explainability for Crop Yield Prediction **PID-621:** Is CNN Dead? A Comprehensive Empirical Analysis of Convolutional Neural Networks, Ensemble Methods, and Vision Transformers for Rice Leaf Disease Classification in Low-Resource Agricultural Settings **PID-679:** A Transfer Learning Framework for Banana Leaf Disease Classification: A Controlled Comparison of CNN Architectures	**Volunteers:** 9. Ashraful, CSE 01889262042 10. Komol, CSE 01755777487
Technical Session –D2E5 (Offline) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-09**	**Volunteers:**

Date: May 08, 2026 Time: 10:45 am to 12:45 pm BST (GMT + 6:00 hours) **Venue: Room No: Lab-5 (5th Floor)** **PID-063:** A Hybrid Deep Learning Framework for Diabetic Retinopathy Detection Using Retinal Fundus Images **PID-171:** Melanoma and Nevus Classification in Digital Images towards Enhanced Skin Cancer Diagnosis **PID-228:** A Lightweight Explainable CNN for Multi-Class Classification of Papilledema and Pseudopapilledema **PID-296:** Predicting Breast Cancer Progression Stages Through Integrative Machine Learning and Explainable AI Approaches **PID-343:** TriFusionNet: A Hybrid Deep Learning Framework with Attention-Based Fusion for Melanoma Skin Cancer Classification **PID-434:** Explainable Hybrid Ensemble for Breast Cancer Malignancy Prediction Using Clinically-Motivated Feature Engineering and Nested Cross-Validation **PID-584:** An Enhanced YOLOv11 Framework for Automatic Pneumonia Detection **PID-614:** Automated Dermoscopic Skin Lesion Segmentation Using Traditional Image Processing and Attention-Based U-Net Refinement	7. Mehedi, CSE 01868922164 8. Rashed, CSE 01646516884
Invited Talk & Technical Session –D2E6(Offline) **Session Title: Renewable Energy, EV Power Systems, Photonics, Semiconductor Devices and Communications Hardware-05** **Date: May 08, 2026 Time: 10:45 am to 12:45 pm BST (GMT + 6:00 hours)** **Venue: Room No: 402 (3rd Floor)** **Invited Talk: Reserved Speaker: Dr. Banani Roy, University of Saskatchewan, Canada** **PID-210:** TRCE model to predict temperature response based on consumed energy using machine learning approach **PID-372:** DESIGN AND OPTIMIZATION OF POWER, AREA, AND DELAY FOR A GRAY CODE GENERATOR IN CADENCE USING 90 NM CMOS TECHNOLOGY **PID-550:** Comparative Performance Analysis of Si and SiC MOSFETs Using HfO2 High-k Gate Dielectric and Different Metal Work Functions in Different Oxide Thickness **PID-698:** Performance Comparison Numerical Simulation of Lead-Based versus Lead-Free Perovskite Absorbers in Planar Perovskite Solar Cells Using COMSOL **PID-705:** Simulation-Based Numerical Analysis of Perovskite Layer Thickness Tuning in a 3D Perovskite Photovoltaic Devices Using COMSOL Multiphysics	**Volunteers:** 19. Kawsar, EEE 01914407473 20. Shoton, EEE 01786118570
Technical Session –D2E7 (Offline) **Session Title: AgriTech, Environmental Intelligence, Food Computing and Sustainable Vision Analytics-03**	**Volunteers:** 11. Imran, CSE 01920053800

Date: May 08, 2026 Time: 10:45 am to 12:45 pm BST (GMT + 6:00 hours) **Venue: Room No: 603 (5th Floor)** **PID-026:** Industry 5.0–Driven Deep Learning Framework for Long-Term Global CO2 Emission Forecasting **PID-371:** A Cross-Stream Feature Fusion Framework for Automated Waste Sorting with Explainable AI and Robustness under Illumination Variations **PID-411:** Environmental Drivers of Lumpy Skin Disease: An Interpretable Ensemble Machine Learning Framework for Climatic Risk Assessment **PID-413:** TrustLeaf-DS: A Trustworthy Hallucination-Resistant Novel Multimodal Model for Tomato Leaf Disease Diagnosis and Decision Support **PID-632:** Leakage-Aware Evaluation of Deep, Handcrafted, and Hybrid Features for Fish-Eye Freshness Classification on the FFE Dataset **PID-661:** Empirical Validation of Irrigation Water Quality Index Weights Using Explainable Machine Learning **PID-676:** A Multi-Scale Attention-Based Deep Learning Framework for Environmental Anomaly Detection and Predictive Forecasting	12. Ranjit, CSE 01707991928
Technical Session –D2E8 (Offline) **Session Title: AI-Driven Healthcare, Biomedical Imaging and Clinical Decision Support-10** **Date: May 08, 2026 Time: 10:45 am to 12:45 pm BST (GMT + 6:00 hours)** **Venue: Room No: 403 (3rd Floor)** **PID-230:** Biomedical LLM Hallucination Detection via Classifier-Conditioned Factuality Classification **PID-246:** Interpretable Hybrid Feature-Fusion for Five-Class Chest X-Ray Classification across Heterogeneous Public Datasets **PID-354:** Exploring the Future of Retinal OCT Imaging: A Deep Dive into Machine Learning and Deep Learning Approaches **PID-424:** HybridCNN: An Attention-Enhanced Explainable Deep Learning approach for Multi-Class Lung Disease Classification from Chest X-Ray Images **PID-505:** An Explainable Machine Learning Framework for Mental Stress Detection Using Demographic, Behavioral, and Psychological Features with PSS-14 Scores **PID-683:** Deep Learning-Based Early Detection of Suicidal Ideation from Textual Data **PID-564:** HybridMV-FL: A Privacy-Preserving Multi-View Transformer with Anatomy-Specific Learning for Musculoskeletal Abnormality Detection **PID-707:** An Integrated AI-Driven Framework for Safe Medication Management Using Computer Vision, IoT, and Secure Data Sharing	**Volunteers:** 17. Showrav, EEE 01771169015 18. Tanvir, EEE 01617561378
Technical Session –D2E9 (Offline)	

Session Title: Renewable Energy, EV Power Systems, Photonics, Semiconductor Devices and Communications Hardware-04 **Date: May 08, 2026 Time: 10:45 am to 12:45 pm BST (GMT + 6:00 hours)** **Venue: Room No: 404 (3rd Floor)** **PID-076:** Numerical Investigation of a Gold-Coated PCF-SPR Biosensor for Label-Free Dengue Diagnosis **PID-131:** Design Optimization of a Ferrite Core Transformer for DC-DC Converter in EV Battery Fast Charging **PID-254:** Oscillation-Free Improved Single-Phase Step-Down Cycloconverter Architecture for Speed Control of the Induction Motor Drive **PID-364:** As2Se3 Photonic Crystal Fibers Design with Semi-Circular Air-Hole Geometries for Mid-Infrared Supercontinuum Generation: A Comparative Study **PID-390:** Dispersion-Engineered Si_3N_4 PCF for Efficient Near- and Mid Infrared Supercontinuum Generation **PID-539:** A Wideband 8-Element Planar MIMO Antenna with Parasitic Elements for C-Band Satellite Applications **PID-672:** Overload-Aware Coordinated EV Charging and Selective V2G for Residential Load Optimization **PID-674:** A Wideband Isolator-based, Novel-shaped 8-element MIMO Antenna for V2X Communication	**Volunteers:** 15. Rafsan, EEE 01302129300 16. Shakawat, EEE 01626225557
Prayer and Lunch Break **Date: May 8, 2026, Time: 12:45 pm to 2:15 pm BST (GMT + 6:00 hours)**	
Keynote Speech-04 (Hybrid) **Date: May 8, 2026, Time: 2:15 pm to 3:00 pm BST (GMT + 6:00 hours)** **Venue: STC and Online** **Zoom Link:** https://bdren.zoom.us/j/91268923456?pwd=FOXrwr0d2FhVX1baW0rotvSVbhx0gu.1 **Title: Long Duration Energy Storage with Advanced Materials: Role of AI in Optimization of Synthesis and Storage** **Speaker: Prof. Dr. Saidur Rahman, Head of RCNMET, Sunway University, Malaysia**	**Volunteers:** Mehedi, CSE, 01868922164 Rashed, CSE, 01646516884

Keynote Speech-05 (Hybrid) **Date: May 8, 2026, Time: 3:00 pm to 3:45 pm BST (GMT + 6:00 hours)** **Venue: STC and Online** **ZoomLink:** https://bdren.zoom.us/j/95627554083?pwd=LIJtl2b4VxWjn0ZqtjSfuVx8Q5mRHN.1 **Title: Enhancing Online Learning Through AI based Student Engagement Detection** **Speaker: Dr. Ali Dewan, School of Computing and Information Systems, Athabasca University, Canada**	**Volunteers:** Ashraful, CSE, 01889262042 Komol, CSE, 01755777487
Keynote Speech-06 (Hybrid) **Date: May 8, 2026, Time: 3:45 pm to 4:30 pm BST (GMT + 6:00 hours)** **Venue: STC and Online** **ZoomLink:** https://bdren.zoom.us/j/96124325038?pwd=IJAthCyNDwHIZDwWUebyWWAsbMLqVC.1 **Title: The Art of Sparsity for Higher Order Tensors** **Speaker: *Prof. Dr. K.M. Azharul Hasan***	**Volunteers:** Imran, CSE, 01920053800 Ranjit, CSE, 01707991928
ECCT 2026 Steering Committee Meeting **Date: May 8, 2026, Time: 4:30 pm to 5:10 pm BST (GMT + 6:00 hours)** **Venue: STC**	
Closing and Award Giving Ceremony **Date: May 8, 2026, Time: 5:10 pm to 6:10 pm BST (GMT + 6:00 hours)** **Venue: STC**	
Conference Dinner **Date: May 8, 2026, Time: 7:00 pm to 9:00 pm BST (GMT + 6:00 hours)** **Venue: DIU Food Garden (old campus)**	
End of Day 2	

Program Schedule

All Times in BST (GMT + 6:00 hrs)

Day-3: May 9, 2026 (Saturday)

Venue: Will be announced soon

Conference Tour **Date: May 9, 2026, Time: 10:00 am to 2:00 pm BST (GMT + 6:00 hours)**	**Need additional registration**

End of ECCT 2026

Note: 2nd International Conference on Electrical, Computer and Communication Technologies (ECCT 2028) will be held on May 7-9, 2028, Inn Sha Allah. Venue and other details will be available at the conference website https://confecct.com/ in due course.