

### 3<sup>rd</sup> International Conference on Electrical, Computer and Telecommunication Engineering 2019 (ICECTE 2019)

Faculty of Electrical & Computer Engineering  
Rajshahi University of Engineering & Technology  
Rajshahi-6204, Bangladesh

#### List of Accepted Papers

<b>Track Name: Algorithm &amp; Applications</b>	
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2	HFDCM : A low-cost machine learning based class attendance monitoring system
219	A Bangla Spam Email Detection and Datasets Creation Approach based on Machine Learning Algorithms
226	Early Detection of Sepsis in ICU Patients Using Logistic Regression
350	Smart Sentiment Analyzer for Bengali-English based on Hybrid Model
<b>Track Name: Communications &amp; Networking</b>	
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73	Robust Hexagonal Antenna Array Beamforming in Appearance of Steering Angle Disparity
86	Protection of Multicast Channels Against Multiple Eavesdroppers: A Secrecy Tradeoff
103	Effect of Beam Divergence on the Performance of Underwater Wireless SAC-OCDMA System using MQC code
139	Performance Comparison of Opportunistic Relaying in Nakagami-m and Rician-k Fading Channels Focusing on Wireless Security
141	Secure Outage Performance Analysis of Multicasting Through $\alpha - \mu$ Fading Channel
149	Security Analysis in Correlated Nakagami-m Fading Channels with Diversity Combining
167	Investigation of Energy Efficiency in Underlaid D2D Assisted 5G Cellular Network
171	Security Against Multiple Eavesdroppers for Multicasting Over Nakagami-q Fading Channel
177	Performance Analysis of Multiple Branch $\kappa-\mu$ Fading Wireless Channel
178	Energy-Efficient Hybrid Precoding Analysis in 5G mmWave massive MIMO Systems with Large Antenna Arrays
179	Energy-Efficient Hybrid Precoding Analysis in 5G mmWave massive MIMO Systems in Different Channels
181	Channel Characterization at mmWave Band Inside High Speed Water Vehicle
191	A Statistical mmWave Channel Modeling for Railway Communications Backhaul in 5G Networks
193	Channel Modeling for Forest Backhaul Networks using Millimeter Wave in 5G Communications
199	Energy Efficient Massive MIMO 5G System with ZF Receiver
233	A Statistical Channel Modeling for MIMO-OFDM Beamforming system in 5G mmWave Communications
234	A Novel Beam space Channel Estimation Technique for Millimeter Wave Massive MIMO Systems
275	A Trade-off between Energy and Spectral Efficiency in Massive MIMO 5G System
283	Secure Wireless Multicasting Over Generalized Gamma Fading Channels
333	Comparative Performance Analysis of Video Conferencing with Using Different Queuing Mechanisms between IPv4 and IPv6
346	Evaluation of Feedback Method for FDD Massive MIMO in Device-to-device Communications
204	Information-Theoretic Security in Hyper Gamma Fading Channel
196	Security in Wireless Multicast Networks with Exponential Correlation over Nakagami-m Fading Channels
182	Statistical Channel Model at mmWave Band Inside High Speed Water Vehicle
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111	Comparison between Noninvasive Heart Rate Monitoring Systems using GSM Module and ESP8266 Wi-Fi Module
187	Experimental Analysis of Modified Single Phase Cycloconverter
277	Modified High Gain Single Ended Primary Inductor Converter (SEPIC) Based DC-DC

	Converter With Multiple Inductor Multiplier Cell
299	An 18-Pulse Uncontrolled Star Rectifier for Input Line Current Harmonic Reduction
322	C-V characteristics of high performance Si <sub>3</sub> N <sub>4</sub> /GaO <sub>x</sub> N <sub>(1-x)</sub> /GaN double gate MIS-HEMT
335	Cost Effective Bluetooth Technology Based Home Automation System Using Smart-phone Application
343	PV Array Based Ultra-Fast Charging Strategy for Li-Ion Battery Considering Temperature Rise
<b>Track Name: Data Mining &amp; Security</b>	
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112	Order Dependency in Sequential Correlation
209	Performance Analysis of Different Neural Networks for Sentiment Analysis on IMDb Movie Reviews
218	Performance Analysis of Fuzzy Association Rule Mining Algorithms
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245	A Data Mining Framework for Social Graph Generation and Analysis
256	Improved performance of Lysine Glutarylation PTM using Peptide Evolutionary Features
272	Identification of Biomarkers for Head and Neck Cancer by Analyzing Multiple mRNA Expression Datasets
278	A Mixed Convolutional Neural Network for Pre-miRNA Classification
289	Kmer Based DNA Methylation Status Prediction Using Support Vector Machine
312	Predicting Lysine Glutarylation Sites by Combining Multiple Feature Selection Methods
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205	Performance Investigation of Robust LCMV Beamforming for Direction of Arrival Mismatch
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155	Cranking Behavior Observation at Different Temperatures of Sealed Maintenance Free Automotive Lead Acid Battery
203	Performance Analysis of Solar Based Wireless Power Transmission System
210	An Active Rectifier Based Pick Up for Series-Series Compensated Wireless Power Transfer System
212	Design and Economic Evaluation of Fixed Dome Type Biogas Power Plant for Poultry Waste
334	Predictive Current Control of a Simplified Three-level Neutral-point Clamped Inverter

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337	Investigating the Performance of Nanocrystalline Silicon HIT Solar Cell
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327	Analysis of a dual-core photonic crystal fiber biosensor based on surface plasmon resonance
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125	Wavelet Based Feature Extraction for Rice Plant Disease Detection and Classification
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