

## ICEEE 2021: Program Schedule

**21 December, 2021 (Tuesday)**

**Day 0**

**3.00 PM -5.00 PM**

Registration and Kit Collection  
Venue: Room EEE-101 (Nanotechnology Laboratory)  
Academic Building-2 (Dept. of EEE), RUET.

**22 December, 2021 (Wednesday)**

**Day 1**

**8.00 AM -9.00 AM**

Registration and Kit collection  
Venue: Room EEE-101 (Nanotechnology Laboratory)  
Academic Building-2 (Dept. of EEE), RUET.

**08.40 AM -09.20 M**

**Keynote Session-I**

**Venue: EEE Conference Room**

**Zoom ID: 776 607 7042**

**Password: 12345678**

<https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWq4cWdkZz09>

**Session Chair**

**Prof. Dr. Md. Nazrul Islam Mondal, CSE, RUET, BD**

**Title**

**Power System Optimization and AI**

**Speaker:**

**Dr. Ahmed Y. Saber**  
ETAP, USA

**09.20 AM To 10:00 AM**

**Keynote Session-II**

**Venue: EEE Conference Room**

**Zoom ID: 776 607 7042**

**Password: 12345678**

<https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWq4cWdkZz09>

**Session Chair :**

**Prof. Dr. Md. Shamim Anower, EEE, RUET, BD**

**Title**

**Flexible Solid State Transformers for Smart Grid**

**Speaker:**

**Prof. Dr. Danny Sutanto**  
University of Wollongong, Australia

**10:00 AM To 10:40 AM**

**Keynote Session-III**

**Venue: EEE Conference Room**

**Zoom ID: 776 607 7042**

**Password: 12345678**

<https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWq4cWdkZz09>

**Session Chair :**

**Prof. Dr. Md. Selim Hossain, EEE, RUET, BD**

**Title**

**Advanced Electric Motor Analysis based on Improved Circuit Model  
Considering Core Loss**

**Speaker:**

**Prof. Dr. Youguang Guo**  
UTS, Australia

**Refreshment and Tea Break (10: 40 AM-11:00 AM)**

## ICEEE 2021: Program Schedule

<b>11.00 AM -12.05 PM</b>	<b>Inaugural Ceremony</b>	<b>Venue: Auditorium, RUET, BD</b>
<b>Zoom ID : 781 406 2476</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/j/7814062476?pwd=VVZmZXBoQ3F5c0hIVy9MckRRSFUxZz09">https://bdren.zoom.us/j/7814062476?pwd=VVZmZXBoQ3F5c0hIVy9MckRRSFUxZz09</a>		
	11:00 AM : Chair, guests, and participants take their seats	
	11:05 AM : Welcome Speech by the Organizing Chair	
	11:10 AM : Speech of Head, EEE	
	11:15 AM : Speech of Technical Secretary	
	11:20 AM : Speech of Technical Chair	
	11:25AM : Speech of Special Guest-1	
	11:30 AM : Speech of Special Guest-2	
	11:35 AM : Speech of Special Guest-3	
	11:40 AM : Speech of the Chief Patron	
	11:50 AM : Speech of Chief Guest	
	12:00 PM : Vote of thanks by the Organizing Secretary	
	12:05 PM : Sponsor's Interaction	

### Refreshment and Tea Break (12:05 PM-12:20 PM)

<b>12.20 PM -13.10 PM</b>	<b>Keynote Session-IV</b>	<b>Venue: Auditorium, RUET</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair</b>	<b>Prof. Dr. Muhammad Abdul Goffar Khan, EEE, RUET, BD</b>	
<b>Title</b>	<b>Energy Efficiency in Smart Buildings Through IoT Sensor Integration</b>	
<b>Speaker:</b>	<b>Prof. Dr. Saifur Rahman</b> Virginia Tech Advanced Research Institute, USA	

### Lunch and Prayer Break (13:10 PM-14:00 PM)

<b>Technical Session-I</b>		<b>Time: 14:00 PM – 15:30 PM</b>	
Venue: EEE 301(Physically)		Field: Information Theory, Analysis & Signal Processing	
<b>Zoom ID: 975 280 5620</b>		<b>Password : 3344</b>	
<a href="https://bdren.zoom.us/j/9752805620?pwd=TFhyb3JnUjlheStBcVhnQ0FTZklrZz09">https://bdren.zoom.us/j/9752805620?pwd=TFhyb3JnUjlheStBcVhnQ0FTZklrZz09</a>			
<b>Session Chair:</b>		Prof. Dr. Md. Moshiul Haque, CSE, CUET	
<b>Session Co-Chair:</b>		Prof. Dr. Tanvir Ahmed, EEE, RUET	
PID- 9 (Track- 4)	Three Dimentional Multiple Near-field Source Localization Based on MUSIC Algorithm to Increase the Localization Accuracy of Optimal Beamformer <i>Rony Tota*; Md. Selim Hossain</i>		
PID- 38 (Track- 4)	A Real-Time Blinking Reminder Supportive System for Eye Care of Computer Gamers <i>S. M. Fahim Faisal*; Asiful Haque Joarder</i>		
PID- 45 (Track- 4)	Speckle Noise Reduction from Medical Images Using Gaussian Fuzzy Membership Function <i>Priyankar Biswas*; Kalyan Kumar Halder</i>		

## ICEEE 2021: Program Schedule

PID- 69 (Track- 4)	FPGA based Histogram Equalization for Image Processing <i>Nahin Ul Sadad*</i> ; <i>Afsana Afrin</i> ; <i>Md. Nazrul Islam Mondal</i>
PID- 196 (Track- 4)	Visualization of CTU Partitioning And Time Complexity Analysis in HEVC and VVC <i>Md. Zahirul Islam*</i> ; <i>Dr Boshir Ahmed</i>
PID- 202 (Track- 4)	Fast CU Splitting And Computational Complexity Minimization Technique By Using Machine Learning Algorithm In Video Compression <i>Md. Zahirul Islam*</i> ; <i>Dr Boshir Ahmed</i>

### Technical Session-II

**Time: 14:00 PM – 15:30 PM**

Venue: EEE 302 (Physically)

Field: Power, Embedded System, and Others related

**Watch Online** Zoom ID: 547 574 4881

<https://bdren.zoom.us/j/5475744881>

**Session Chair:** Prof. Dr. Md. Muhammad Abdul Goffar Khan, EEE, RUET

**Session Co-Chair:** Prof. Dr. Md. Sohel Rana, EEE, RUET

PID- 7 (Track- 3)	Performance Analysis of Trapezoidal Carrier Based Modulation Techniques in Multilevel Inverter for Grid Integrated Solar Photovoltaic System <i>Md.Tariqul Islam*</i> ; <i>Prof. Dr. Md. Fayzur Rahman</i> ; <i>Md. Hasan Maruf</i> ; <i>Sourav Barua</i> ; <i>Hady Habib</i> ; <i>Md. Harun Ur Roshid</i>
PID- 19 (Track- 1)	IoT-Cloud Based Low-Cost Temperature, Humidity, and Dust Monitoring System to Prevent Food Poisoning <i>S. M. Mahidul Hasan</i> ; <i>Md. Rezwanaul Ahsan*</i> ; <i>Md. Dara Abdus Satter</i>
PID- 29 (Track- 11)	A User-friendly Android Application Featuring Smart Ticketing System and Destination Announcement for Metro Rail based Rapid Transport System in Bangladesh <i>Shah Alam</i> ; <i>Mahfuzulhoq Chowdhury*</i> ; <i>Abu Bakkar Siddique</i>
PID- 64 (Track- 11)	Unreal Engine Blueprint: Developing Hack and Slash Using Spawn Projectile Method <i>Shadib Mahmud*</i> ; <i>Suhrid Shakhar Ghosh</i>
PID- 95 (Track- 3)	Implementation of Volunteer Load Shedding By Variable Tariff Mode Energy Meter <i>Md. Alimul Islam Salim*</i> ; <i>Md. Selim Hossain</i> ; <i>Md. Alawal Kabir</i>
PID- 108 (Track- 1)	Real-Time Drowsiness Alert System from EEG Signal Based on FPGA <i>Nafisa Tabassum*</i> ; <i>Nazifa Tabassum</i>
PID- 21 (Track- 3)	Benchmarking Ceiling Price of Utility-Scaled Solar Power in Bangladesh using RETScreen Expert <i>Tasmia Baten*</i>
PID- 88 (Track- 3)	Improving PV Tracking System Performance by Analyzing Solar Incident Angles <i>Md. Samiul Basir*</i> ; <i>S.M.A. Zawad Hossain</i> ; <i>Saiful Islam</i> ; <i>Dr. Saeed Mahmud Ullah</i>

### Technical Session-III

**Time: 14:00 PM – 15:30 PM**

Venue: Conference Room (Virtually)

Field: Power, Control & Communication

**Zoom ID: 654 9830 0837**

**Password: 280284**

<https://bdren.zoom.us/j/65498300837?pwd=a0JESVBLRzE3VTJlZjZkd3NkNNZE1aUT09>

**Session Chair:** Prof. Dr. Md. Rafiqul Islam Sheikh, EEE, RUET

**Session Co-Chair:** Dr. Tushar Kanti Roy, ETE, RUET

PID- 4 (Track- 1)	Performance Analysis of IoT Based Solar Operated Smart Water Management System for Irrigation Field <i>Sheikh Shafaet Islam</i> ; <i>Md. Mahmudul Hasan*</i> ; <i>Md. Rafiul Islam</i> ; <i>Md. Faruk Hossain</i>
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## ICEEE 2021: Program Schedule

PID- 74 (Track- 9)	Artificial Bee Colony Algorithm for Optimization in Energy-saving Elevator Group Control System <i>Mohammad Hanif*</i> ; <i>Nur Mohamma</i> ; <i>Kazi Tanvir Ahmmed</i>
PID- 76 (Track- 10)	Design and Implementation of Bandwidth Based Time Varying Online Exam <i>Md. Nazmul Islam</i> ; <i>Abdullah Mohammad Tanvirul Hoque</i> ; <i>Md. Ahasan Habib*</i>
PID- 79 (Track- 3)	Optimization-based Energy Management System to Minimize Electricity Bill for Residential Customer <i>Sancoy Barua*</i> ; <i>Nur Mohammad</i>
PID- 92 (Track- 9)	Pattern Matching Based Metric for Recommending Ordered Items <i>M Tareq Rahman*</i> ; <i>Zanifer Afsana Stephi</i> ; <i>Moqsadur Rahman</i>
PID- 193 (Track- 10)	A Time-varying Mutation Operator for Balancing the Exploration and Exploitation Behaviours of Genetic Algorithm <i>Md Mahbub Hasan</i> ; <i>Mohammad Abul Kashem</i> ; <i>Md. Jakirul Islam*</i> ; <i>Md. Zakir Hossain</i>

### Technical Session-IV

**Time: 14:00 PM – 15:30 PM**

Venue: Seminar Room (Virtually)

Field: Materials, RF & Biomedical

**Zoom ID: 646 5604 5458**

**Password : 882765**

<https://bdren.zoom.us/j/64656045458?pwd=cTlvTDhCMVpRWSSyTG5oMTd2ZkFpUT09>

**Session Chair:** Prof. Dr. Ajay Krishno Sarkar, EEE, RUET, BD

**Session Co-Chair:** Dr. Mohammad Abdul Motin, EEE, RUET, BD

PID- 16 (Track- 7)	Design and Implementation of a Helmet-based, Noninvasive CPAP Devices for COVID-19 <i>Md. Masrur Saqib</i> ; <i>Md. Mahmudul Hasan*</i> ; <i>Md. Rafiul Islam</i> ; <i>Jayed Hasan Sunny</i> ; <i>Siam Shakil</i> ; <i>G. M. Saad</i> ; <i>Orchi Datta</i>
PID- 33 (Track- 7)	An Alternate Solution for Smartphone-Based Urinalysis <i>Abir Ebna Harun*</i> ; <i>Mohammad Ashfak Habib</i>
PID- 46 (Track- 8)	Investigation of the ZnCuInS/ZnS based Quantum-dot Light Emitting Diodes with different ZnO Film Thickness Prepared by RF Sputtering <i>Biswas Mohammad Mostafizur Rahman*</i> ; <i>Dr Md Faruk Hossain</i> ; <i>Hiroyuki Okada</i>
PID- 52 (Track- 8)	Impacts of Dielectric Constant on Performance Study of CNTFET <i>Md.Ittehad Hasan*</i> ; <i>Washik Adnan</i> ; <i>Nafisa Anjum</i> ; <i>Riffat Ara Islam Ritu</i> ; <i>Md Faysal Nayan</i>
PID- 65 (Track- 5)	Performance Analysis of Textile Antennas for Body Worn Application <i>Sadia Enam*</i> ; <i>Md. Masud Rana</i>
PID- 110 (Track- 7)	Classification of Gastric Precancerous Diseases using Hybrid CNN-SVM <i>Jahidul Islam*</i> ; <i>Arafat Hossain</i> ; <i>Sajjad Bhuiyan</i> ; <i>Amit Shaha Surja</i> ; <i>Md. Shahid Iqbal</i>

### IEEE Activity Session-I

**Time: 14:00 PM – 15:30 PM**

**Venue: EEE 103**

**Session Chair:** Prof. Dr. Md. Samiul Habib, EEE, RUET, BD

**Refreshment and Tea Break (15:30 PM - 15:45 PM)**

## ICEEE 2021: Program Schedule

<b>15.45 PM To 16.30 PM</b>	<b>Keynote Session-V</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair:</b>	Prof. Dr. S.M. Abdur Razzak, EEE, RUET, BD	
<b>Title</b>	Terahertz waveguide: the fundamental component for high speed connectivity	
<b>Speaker:</b>	Dr. Shaghik Atakaramians EET, UNSW, Sydney, Australia	

<b>16.30 PM -17.20 PM</b>	<b>Keynote Session-VI</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair</b>	Prof. Dr. Md. Zahurul Islam Sarkar, EEE, RUET, BD	
<b>Title</b>	Thin Film Flexible Solar Cells for Novel Applications	
<b>Speaker:</b>	Prof. Dr. Nowshad Amin Universiti Tenaga Nasional, Malaysia	

**23 December, 2021 (Thursday)**

**Day 2**

<b>Technical Session-V</b>		<b>Time: 08:30 AM – 10:30 AM</b>
Venue: EEE 301 (Physically)		Field: Communication, Networking and Security Systems
<b>Watch Online</b>		<b>Zoom ID: 975 280 5620</b>
		<b>Password : 3344</b>
<a href="https://bdren.zoom.us/j/9752805620?pwd=TFhyb3JnUjlheStBcVhnQ0FTZklrZz09">https://bdren.zoom.us/j/9752805620?pwd=TFhyb3JnUjlheStBcVhnQ0FTZklrZz09</a>		
<b>Session Chair:</b>	Prof. Dr. Md. Zahurul Islam Sarker, EEE, RUET	
<b>Session Co-Chair:</b>	Prof. Dr. Al Mamun, CSE, RUET	
PID- 25 (Track- 10)	Spreading Loss Model for Channel Characterization of Future 6G Terahertz Communication Networks <i>Md.Biplob Hossen*</i> ; <i>Mostafa Zaman Chowdhury</i> ; <i>Mohammad Ehatasham Shawon</i>	
PID- 58 (Track- 10)	ResidualCovid-Net: An Interpretable Deep Network to Screen COVID-19 Utilizing Chest CT Images <i>Md. Farukuzzaman Faruk*</i>	
PID- 59 (Track- 10)	Deep Transfer Learning Based Multi-Class Brain Tumors Classification Using MRI Images <i>Mrinmoy Mondal</i> ; <i>Md. Farukuzzaman Faruk*</i> ; <i>Nasif Raihan</i> ; <i>Protiva Ahammed</i>	
PID- 72 (Track- 10)	Synchronous and Asynchronous Implementation of Radix-2 Booth Multiplication Algorithm <i>Nahin Ul Sadad*</i> ; <i>Afsana Afrin</i> ; <i>Md. Nazrul Islam Mondal</i>	
PID- 83 (Track- 10)	Design of a novel multi-clustered 5G network for IoT applications <i>Tasnim Irtifa Chowdhury*</i> ; <i>Md. Munjure Mowla</i>	
PID- 197 (Track- 10)	Robust Microphone Beamformer in the Presence of Multiple Interfering Signals <i>Md. Tarek Hossein*</i> ; <i>Md. Selim Hossain</i> ; <i>Md. Mamunur Rashid</i> ; <i>Nasim Ahmed</i>	

## ICEEE 2021: Program Schedule

<b>Technical Session-VI</b>		<b>Time: 08:30 AM – 10:30 AM</b>
Venue: EEE 302 (Physically)		Field: Control & Photonics
<b>Watch Online</b> <b>Zoom ID: 547 574 4881</b> <a href="https://bdren.zoom.us/j/5475744881">https://bdren.zoom.us/j/5475744881</a>		
<b>Session Chair:</b> Prof. Dr. Kazi Khairul Islam, EEE, BAUET		
<b>Session Co-Chair:</b> Dr. G.K.M. Hasanuzzaman, EEE, RUET		
PID- 13 (Track- 9)	Human-Robot Interaction in Bengali language for Healthcare Automation integrated with Speaker Recognition and Artificial Conversational Entity <i>Shehan Irteza Pranto; Rahad Arman Nabid; Afnaf Mozib Samin; Nabeel Mohammed; Mohammad Nurul Huda; Farhana Sarker; Khondaker Abdullah-Al-Mamun*</i>	
PID- 61 (Track- 6)	Impact of Cladding Rectangular Bars on the Antiresonant Hollow Core Fiber <i>Ruhana Nishad*; Kumary Sumi Rani Shah; Dr. Abdul Khaleque; Md. Sarwar Hosen; Md Tarek Rahman</i>	
PID- 94 (Track- 9)	Population Extremal Optimization Based 2-DOF Control Strategy for Field Oriented Control of Induction Motor <i>Md. Mahmudul Hasan*; Md. Shajid Hussain; Dr. Md. Sohel Rana; Md. Hassanul Karim Roni</i>	
PID- 111 (Track- 6)	Highly Birefringent Low Losses Hollow-Core Antiresonant Fiber <i>Md. Sarwar Hosen*; Dr. Abdul Khaleque; Kumary Sumi Rani Shaha; Ruhana Nishad; Azra Sadia Sultana</i>	
PID- 188 (Track- 9)	A Backstepping Sliding Mode Controller Design for Synchronous Machine Excitation Systems for Enhancing the Transient Stability <i>Tasnim Sarker Joyeeta*; Tushar Kanti Roy; Md. Rafiqul Islam Sheikh</i>	

<b>Technical Session-VII</b>		<b>Time: 08:30 AM – 10:30 AM</b>
Venue: Seminar Room (Virtually)		Field: Information Theory, Analysis & Signal Processing
<b>Zoom ID: 663 7973 8417</b>		<b>Password : 895994</b>
<a href="https://bdren.zoom.us/j/64656045458?pwd=cTlvTDhCMVpRWSSyTG5oMTd2ZkFpUT09">https://bdren.zoom.us/j/64656045458?pwd=cTlvTDhCMVpRWSSyTG5oMTd2ZkFpUT09</a>		
<b>Session Chair:</b> Prof. Dr. S M Abdur Razzak, EEE, RUET		
<b>Session Co-Chair:</b> Prof. Dr. Abdul Khaleque, EEE, RUET		
PID- 56 (Track- 6)	Double Plasmonic Layered Electro-Absorption Modulator on Silicon Waveguide <i>Riziya Akter Keya*; Dr. Abdul Khaleque; Kumary Sumi Rani Shaha; Mst. Sumaya Akter; Md. Sarwar Hosen</i>	
PID- 113 (Track- 4)	A Machine Learning Approach to Track Covid-19 Pandemic using Sentiment Analysis <i>Tasnia Rahman*; Sakifa Aktar</i>	
PID- 115 (Track- 4)	Efficient computation of leaf disease classification techniques using Deep Learning <i>Saifa Azmiri Mohona; Sakifa Aktar*; Md. Martuza Ahamad</i>	
PID- 116 (Track- 4)	Offline Bangla Handwritten Text Recognition: A Comprehensive Study of Various Deep Learning Approaches <i>Farhan Sadaf; S. M. Taslim Uddin Raju*; Abdul Muntakim</i>	
PID- 180 (Track- 4)	Information Theoretic Metrics for Automatic Quality Assessment of Processed PPG Signals <i>Narendra Kumar Reddy Gangireddy*; M. Sabarimalai Manikandan; N. N. Murty</i>	



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PID- 199 (Track- 4)	Real-Time Recognition of Bangla Sign Language Characters: A Computer Vision Based Approach Using Convolutional Neural Network <i>Mahib Tanvir*</i> ; <i>Md. Shahinur Alam</i> ; <i>Dip Kumar Saha</i> ; <i>Shahid Ahamed Hasib</i> ; <i>Shorif Ul Islam</i>
PID- 204 (Track- 4)	Predicting Autism Spectrum Disorder Based On Gender Using Machine Learning Techniques <i>Tania Akter*</i> ; <i>Dr. Mohammad Hanif Ali</i>

### Technical Session-VIII

**Time: 08:30 AM – 10:30 AM**

Venue: Conference Room (Physically)

Field: Materials, RF & Biomedical

**Watch Online** **Zoom ID: 776 607 7042**

**Password: 12345678**

<https://bdren.zoom.us/my/headeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09>

**Session Chair:** Prof. Dr. Md. Shahidul Islam, EEE, RUET

**Session Co-Chair:** Dr. Mohammad Hasan Imam, EEE, AIUB

PID- 41 (Track- 7)	Computer-Aided Polyp Removal Detection in Capsule Endoscopic Images <i>Rehnuma Hasnat</i> ; <i>Ahmmad Musha</i> ; <i>Tonmoy Ghosh*</i>
PID- 47 (Track- 5)	Design of X-Band Reflect Array Antenna using Circular Ring Patches <i>Simanta Siddha</i> ; <i>Abidur Rahman*</i> ; <i>Dr. Russel Reza Mahmud</i>
PID- 55 (Track- 7)	An Approach to Assess ACh and NE Secretion inside Heart's Myocardial Cell during R-peak Formation <i>Md. Hasibul Islam*</i> ; <i>Kusum Tara</i> ; <i>Habib Ur Rahman</i> ; <i>Ajay K Sarkar</i>
PID- 57 (Track- 7)	Comparative Study on EEG Based Motor Movement Classification Using Different Sets of Electrode Channels <i>Shadhon Chandra Mohonta</i> ; <i>Md Abdur Raiyan*</i>
PID- 100 (Track- 7)	Compact Pulse Oximeter Designed for Blood Oxygen Saturation and Heart Rate Monitoring <i>Mohammad Abdul Motin*</i> ; <i>Partha Pratim Das</i> ; <i>Chandan K. Karmakar (Deakin University)</i> ; <i>Marimuthu Palaniswami</i>
PID- 109 (Track- 8)	Length dependent thermal conduction in germanene/stanene heterobilayer by using molecular dynamics simulations <i>Shihab Ahammed*</i> ; <i>Kazi Sazzad Hossen</i> ; <i>Ashraful Hossain Howlader</i>

### Refreshment and Tea Break (10:30-10:45 AM)

<b>10.45 PM To 11.20PM</b>	<b>Keynote Session-VII</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair :</b>	<b>Prof. Dr. Md. Fayzur Rahman, EEE, GU, BD</b>	
<b>Title</b>	<b>Electric Vehicles in Next Generation Power Systems with Renewable Generations</b>	
<b>Speaker:</b>	<b>Dr. Md. Jahangir Hossain, UTS, Australia</b>	

## ICEEE 2021: Program Schedule

<b>11.20 AM To 12.00 PM</b>	<b>Keynote Session-VIII</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair :</b>	Prof. Dr. Celia Shahnaz, EEE, BUET, BD	
<b>Title</b>	Photonics for Satellite Payloads	
<b>Speaker:</b>	Prof. Dr. Stavros Iezekiel University of Cyprus, Nicosia, Cyprus	

<b>12.20 PM To 12:40 PM</b>	<b>Keynote Session-IX</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair</b>	Prof. Dr. Md. Rafiqul Islam Sheikh, EEE, RUET, BD	
<b>Title</b>	Progress of Self-alignment Organic and Oxide TFTs	
<b>Speaker:</b>	Prof. Dr. Hiroyuki Okada EEE, University of Toyama, JAPAN	

### Lunch and Prayer Break (12:40-14:00 PM)

<b>14:00 PM To 14.40 PM</b>	<b>Keynote Session-X</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair :</b>	Prof. Dr. Ajay Krishno Sarkar, EEE, RUET, BD	
<b>Title</b>	Deep Learning Based Multi-dimensional Bio-Signal Analysis for Automatic Disease Detection	
<b>Speaker:</b>	Prof. Dr. Shaikh A. Fattah, EEE, BUET	

<b>14.40 PM To 15.20 PM</b>	<b>Keynote Session-XI</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair :</b>	Prof. Dr. Md. Faruk Hossain, EEE, RUET, BD	
<b>Title</b>	Towards HTS Smart Grids	
<b>Speaker:</b>	Prof. Dr. Jian Xun JIN Tianjin University, China	

<b>15.20 To 15.50 PM</b>	<b>Keynote Session-XII</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair :</b>	Prof. Dr. Md. Ruhul Amin, EEE, IUT, BD	
<b>Title</b>	Smart Antennas and Its Applications	
<b>Speaker:</b>	Prof. Dr. Md. Selim Hossain, EEE, RUET, BD	

### Refreshment and Prayer Break (15:50-16:00 PM)



## ICEEE 2021: Program Schedule

<b>16.00 PM To 16.40 PM</b>	<b>Keynote Session-XIII</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair :</b>	Prof. Dr. Md. Rabiul Islam, University of Wollongong, Australia	
<b>Title</b>	Extending the Lifetime of Power Electronic Converters	
<b>Speaker:</b>	Prof Dr Dylan Lu University of Technology Sydney, Australia	

<b>16:40 PM To 17.10 PM</b>	<b>Invited Session-I</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair :</b>	Prof. Dr. Shaikh A. Fattah, EEE, BUET, BD	
<b>Title</b>	Wearable Devices for Affordable Healthcare	
<b>Speaker:</b>	Dr. Mohammad Abdul Motin, EEE, RUET, BD	

### Refreshment and Prayer Break (17:10-17:40 PM)

<b>17:40 PM To 18.20 PM</b>	<b>Keynote Session-XIV</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair :</b>	Prof. Dr. Nowshad Amin, Universiti Tenaga Nasional, Malaysia	
<b>Title</b>	Transition metal phosphates for total water splitting applications	
<b>Speaker:</b>	Dr. Kandasamy Prabakar Pusan National University, Korea	

<b>18:20 PM -19:00 PM</b>	<b>Invited Session-II</b>	<b>Venue: EEE Conference Room</b>
<b>Zoom ID: 776 607 7042</b>		<b>Password: 12345678</b>
<a href="https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09">https://bdren.zoom.us/my/headeeeruet?pwd=S1AyN3lyRGJKTTRpWnhMcWg4cWdkZz09</a>		
<b>Session Chair :</b>	Prof. Dr. Md. Masud Rana, EEE, RUET, BD	
<b>Title</b>	Power Electronic Converters Topologies and Control in Microgrids	
<b>Speaker:</b>	Dr. Mohsin Jamil, Newfoundland and Lebrador's University, Canada	

### Closing and Award Giving Ceremony Gala Dinner Night (20:00 PM)

<b>24 December, 2019 (Friday)</b>	<b>Day 3</b>
<b>Post Conference Tour</b>	