



International Conference on Science & Contemporary Technologies (IC SCT) 2021

Sustainable Development for Optimum Growth

Conference Program Schedule

5 - 7 August 2021

Organized By



BUBT Bangladesh University of
Business and Technology

All dates and times are given in Bangladesh Local Time (Dhaka, GMT + 06.00)

Time: 12:00 PM - 12:55 PM		
Inaugural Ceremony Session: D1-ICS		
Time	Program	Meeting Info
12:00 PM	Introduction of Conference Patrons, General Chair, Keynote Speakers and Distinguished Guests	<p>Session Coordinator Dr. Md. Harun-or-Rashid Registrar, BUBT</p> <p>Technical Support Md. Abdul Muhaimin Chowdhury, IT, BUBT Md. Shamsul Islam BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/68781241218</p> <p>Zoom Meeting ID 687 8124 1218</p>
12:06 PM	Recitation from the Holy Quran	
12:10 PM	National Anthem	
12:14 PM	Welcome Address by Prof. Dr. Muhammed Fayyaz Khan General Chair, ICSCT 2021 & VC, BUBT	
12:22 PM	Address by Prof. Dr. Mohammed Moshui Haque Chair, IEEE Bangladesh Section	
12:30 PM	Address by Prof. Dr. Shafique Ahmed Siddique Chief Patron, ICSCT 2021 & Chairman, BUBT Trust	
12:37 PM	Address by the Chief Guest, Dr. Dipu Moni , MP, Hon'ble Minister, Ministry of Education, Government of the People's Republic of Bangladesh	
12:49 PM	Declaration of the Opening of the ICSCT 2021 by the Chief Guest	
12:50 PM	Vote of thanks by Mr. A F M Sarwar Kamal Patron, ICSCT 2021 & Convener, International Academic Advisory Committee, BUBT	
12:55 PM	End of Inaugural Ceremony	

Time: 11:00 AM - 12:00 PM		
Keynote Session: D1-K1		
Keynote Speaker	Title of the Keynote Speech	Meeting Info
<p>Dr. Poompat Saengudomlert Associate Professor CROCCS Bangkok University Thailand</p>	<p>Multi-Carrier Modulation Techniques for Visible Light Communications</p>	<p>Session Chair Prof. Dr. Arshad M. Chowdhury, BracU</p> <p>Session Coordinator Prof. Dr. Md. Anwar Hossain, BUBT</p> <p>Technical Support Sajib Biswas, IT, BUBT Ariful Islam Refat Volunteer, BUBT</p> <p>Zoom Meeting Link: https://bdren.zoom.us/j/61847985952</p> <p>Zoom Meeting ID 618 4798 5952</p>

Time: 12:00 PM - 01:30 PM**Parallel Technical Session: D1-P1S1****Photovoltaics & Renewable Energy – I**

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	242	Abdullah Al Mehadi Mirza Muntasir Nishat Fahim Faisal Ahmed Raza Hasan Bhuiyan Mohyeu Hussain Md Ashraful Hoque	Design, Simulation and Feasibility Analysis of Bifacial Solar PV System in Marine Drive Road, Cox's Bazar	12:00 PM	12:15 PM	<p>Session Chairs</p> <p>Prof. Dr. Md. Shamim Anower, RUET Prof. Dr. Md. Omar Farrok AUST</p> <p>Session Coordinator</p> <p>Md. Anwar Sadath, BUBT</p> <p>Technical Support</p> <p>Md. Easeen Patwary IT, BUBT Md. Rakib Hasan Volunteer, BUBT</p> <p>Zoom Meeting Link</p> <p>https://bdren.zoom.us/j/67279200152</p> <p>Zoom Meeting ID</p> <p>672 7920 0152</p>
2	182	Maliha Sultana Muaz Rahman Nirupam Das Md. Mamun Ur Rashid	Feasibility and Techno-Economic Analysis of an Off-grid Hybrid Energy System: A Char Area in Bangladesh	12:15 PM	12:30 PM	
3	243	Md. Rifad Haider Abu Shufian Mokarram Ahmed Roksana Akter	Smart Dual Axis Solar Power Plant Distribution System Modeling	12:30 PM	12:45 PM	

Time: 12:00 PM - 01:30 PM**Parallel Technical Session: D1-P1S2****Computer vision**

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	218	Md. Muzahidul Islam Rahi Farhan Tanvir Khan Mohammad Tanvir Mahtab A.K.M. Amanat Ullah Md. Golam Rabiul Alam	Transfer Learning Approach and Analysis for Skin Cancer Detection	12:00 PM	12:15 PM	<p>Session Chairs</p> <p>Prof. Dr. Yutaka Watanobe U-AIZU, Japan Dr. Md. Rashedul Islam, UAP</p> <p>Session Coordinator</p> <p>T. M. Amir - Ul - Haque Bhuiyan, BUBT</p> <p>Technical Support</p> <p>Md. Mizanur Rahman</p>
2	244	Md. Mohsin Kabir Tanvir Ahmed Anik Md. Shahnewaz Abid M. F. Mridha Md. Abdul Hamid	Facial Expression Recognition Using CNN-LSTM Approach	12:15 PM	12:30 PM	
3	279	Md. Rasel Bishwas Sabina Yasmin Nakib Turzo	Relative Comparison of K-means Clustering Segmented Rice Leaves Image Based Nitrogen, Phosphorus, and Potassium Nutrient Deficiency Classification Using Convolutional Neural Network	12:30 PM	12:45 PM	

4	42	Mohammad Badhruddouza Khan Md Tobibul Islam Mohiuddin Ahmad	A CNN-based CADx Model for Pneumonia Detection from Chest Radiographs with web application	12:45 PM	01:00 PM	IT, BUBT Ariful Islam Refat Volunteer, BUBT Zoom Meeting Link https://bdren.zoom.us/j/67609181930 Zoom Meeting ID 676 0918 1930
5	296	Nadim Mahmud Dipu Sifatul Alam Shohan K. M. A. Salam	Brain Tumor Detection Using Various Deep Learning Algorithms	01:00 PM	01:15 PM	Zoom Meeting ID 676 0918 1930

Time: 01:30 PM - 02:00 PM

Lunch & Prayer Break

Time: 02:00 PM - 03:00 PM

Keynote Session: D1-K2

Keynote Speaker	Title of the Keynote Speech	Meeting Info
Dr. Biplab Sikdar Associate Professor, ECE Vice-Dean Graduate Programs NUS, Singapore	Security and Privacy for the Internet of Things	Session Chair Prof. Dr. Mohammed Moshuiul Haque, CUET Session Coordinator Dr. Muhammad Firoz Mridha, BUBT Technical Support Md. Easeen Patwary IT, BUBT Tahsinur Rahman Volunteer, BUBT Zoom Meeting Link https://bdren.zoom.us/j/63018677620 Zoom Meeting ID 630 1867 7620

Time: 03:00 PM - 04:30 PM

Parallel Technical Session: D1-P2S1

Optimization of Power System & Stability Analysis I

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	192	Noor-E-Taha Md Saffatul Islam Md Alamin Hossain Md Ahsan Kabir Md Mahadi Hasan	Analysis of the Applicability of DSM Techniques in Industrial Load Management: Bangladesh Perspective	03:00 PM	03:15 PM	Session Chairs Prof. Dr. K.M.A. Salam, NSU Dr. Intekhab Alam, UIU Session Coordinator

2	246	Rafayel Bishal Sabbir Ahmed Kazi Mohammad Mamun Asfaqur Rahman Nur Mohammad Abdullah Al Hysam	ANN Based Fault Detection & Classification in Power System Transmission line	03:15 PM	03:30 PM	<p>Nayan Sarker, BUBT</p> <p>Technical Support Md. Abdul Muhaimin Chowdhury, IT, BUBT Md. Rakib Hasan Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/66932507703</p> <p>Zoom Meeting ID 669 3250 7703</p>
3	319	Md. Anjir Alam Iftikharun Nisha Md. Mahadi Hasan A K M Nazrul Islam	Designing of an Underwater Power Transmission System and Hybrid Power Supply for an Isolated Island of Bangladesh: Swarna Dwip	03:30 PM	03:45 PM	
4	68	Fahmida Amin Mohammad Rasel Safkat Islam	Modelling and performance analysis of Grounding System of a Grid Substation	03:45 PM	04:00 PM	
5	288	Md. Alamgir Kabir Shahadat Hossain Mohammad Saiful Islam Md. Mahmudul Hasan Imran Mahmudur Rahman Akhanjee Anwar Hossain	Energy Consumption Analysis of a Hybrid Optimized Model for Sustainable Green Data Center	04:00 PM	04:15 PM	

Time: 03:00 PM - 04:30 PM

Parallel Technical Session: D1-P2S2

Sustainable Machine Design

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	262	Md. Ashraful Islam Mahadi Hasan S. M. Mahbub Hasan Himel Roy	Finite Element Prediction of Deformation of Closed-cell Cellular Materials for Sustainable Materials Characterization	03:00 PM	03:15 PM	<p>Session Chairs Prof. Dr. Mohammad Mizanur Rahman, CUET Prof. Dr. Md Rabiul Islam Sarker, RUET</p>
2	249	Mahadi Hasan	Sustainable design of machine components: a critical review of carbide/steel laminate composite	03:15 PM	03:30 PM	
3	251	Anugrah Ricky Wijaya Doni Sukma Pradana Retno Palupi Pangeswara Hanumi Oktiyani Rusdi Md. Anwar Hossain	The effect of aluminum ion of Fe analysis in material sea sediment	03:30 PM	03:45 PM	<p>Session Coordinator Al Muntasir, BUBT</p> <p>Technical Support Sajib Biswas IT, BUBT Tahsinur Rahman Volunteer, BUBT</p>
4	106	Radheshyam Nath Jisu Utsha Barua and Mustafizur Rahman	Corrosion Behavior of High and Low Strength Steel Bars in Pore Solutions	03:45 PM	04:00 PM	

5	17	Sharmin Akter Md. Monirul Islam Md. Rokunojjaman Salma Nasrin	Operations of Lie Groups and Lie Algebras on Manifolds	04:00 PM	04:15 PM	Zoom Meeting ID 676 3699 7964
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Time: 03:00 PM - 04:30 PM

Parallel Technical Session: D1-P2S3

Artificial Intelligence and Machine Learning I

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	308	Noshin Tasnia Shakik Mahmud Muhammad Firoz Mridha	COVID-19 Future Forecasting Tool: Infected Patients Recovery and Hospitalization Trends Using Deep Learning Models	03:00 PM	03:15 PM	<p>Session Chairs Prof. Dr. Aloke Kumar Saha UAP Prof. Muzahidul Islam, UIU</p> <p>Session Coordinator Sabiha Firdaus, BUBT</p> <p>Technical Support Md. Mizanur Rahman IT, BUBT Emadul Islam Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/67599051626</p> <p>Zoom Meeting ID 675 9905 1626</p>
2	35	Rawnak Yazdani Emrana Kabir Hashi	Comparative Analysis of Deep Learning Algorithms Based on Surface Image Classification	03:15 PM	03:30 PM	
3	102	Ruhul Amin Nabila Sabrin Sworna Md. Nazmul Khan Liton Nahid Hossain	Abstractive Headline Generation from Bangla News Articles Using Seq2Seq RNNs with Global Attention	03:30 PM	03:45 PM	
4	202	Thanan Toathom Natthanan Promsuk Paskorn Champrasert	Genetic Algorithm with Boosting based on Expected Value for Uncertain Routing	03:45 PM	04:00 PM	
5	273	Tamal Joyti Roy, Md. Ashiq Mahmood and Diti Roy	An Analytical Model for Prediction of Upcoming ICC T20 World Cup 2021 Using Classification Algorithms	04:00 PM	04:15 PM	

Time: 04:30 PM - 05:30 PM

Keynote Session: D1-K3

Keynote Speaker	Title of the Keynote Speech	Meeting Info
<p>Dr. Saifur Rahman Joseph R. Loring Professor Department of ECE Virginia Tech, USA</p>	<p>Role of the Smart Grid in Facilitating the Integration of Renewables</p>	<p>Session Chair Prof. Dr. Muhammed Fayyaz Khan Vice Chancellor, BUBT</p> <p>Session Coordinator Dr. A K M Alamgir, BUBT</p> <p>Technical Support Md. Easeen Patwary IT, BUBT Nowshin Volunteer, BUBT</p>

		<p>Zoom Meeting Link https://bdren.zoom.us/j/61932860552</p> <p>Zoom Meeting ID 619 3286 0552</p>
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Time: 05:30 PM - 07:00 PM Parallel Technical Session: D1-P3S1						
Robotics, Control & Automation						
Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	129	Quang Nguyen Anh Thuong Nguyen Hoai Minh Nguyen Anh Quan Luong Hai	Fruits Detection and Distance Estimation using RGB-D camera for Harvesting Robot	05:30 PM	05:45 PM	<p style="color: green;">Session Chairs</p> Prof. Dr. Pallab Kumar Choudhury, KUET Dr. Sajal Kumar Das, RUET
2	172	Fariha Hakim Sneha Md. Mahadi Hasan Md. Golam Mostafa	Improved Design of a Battery Charger for Three-Wheeler Auto Rickshaws in Bangladesh with Low Harmonic SWISS Rectifier	05:45 PM	06:00 PM	<p style="color: green;">Session Coordinator</p> Rakib Raihan, BUBT
3	311	Sudipto Chaki Shamim Ahmed Nagifa Nujhat Easha	A Framework for LED Signboard Recognition for the Autonomous Vehicle Management System	06:00 PM	06:15 PM	<p style="color: green;">Technical Support</p> Md. Abdul Muhaimin Chowdhury, IT, BUBT Md. Abdul Wadud Volunteer, BUBT
4	360	Khan Farhan Ibne Faruque Mohammad Rejwan Uddin Md. Iftadul Islam Sakib Khosru M Salim	Multiple Outputs Converter Design for BMS Integrated Li-Ion Battery Charger Appropriate for Electric Vehicle	06:15 PM	06:30 PM	<p style="color: blue;">Zoom Meeting Link</p> https://bdren.zoom.us/j/65278076946
5	309	Md Lutfur Rahman	Design and Implementation of Control System Lifeguard	06:30 PM	06:45 PM	<p style="color: blue;">Zoom Meeting ID</p> 652 7807 6946

Time: 05:30 PM - 07:00 PM Parallel Technical Session: D1-P3S2						
Artificial Intelligence and Machine Learning II						
Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	314	Fahima Khanam Md. Rubaiyat Hossain Mondal	Ensemble machine learning algorithms for diagnosis of cervical cancer	05:30 PM	05:45 PM	<p style="color: green;">Session Chairs</p> Prof. Dr. Nurul Huda, UIU Prof. Dr. Nazrul Islam, MIST
2	321	Nahid Hossain Taz Abrar Islam Ishrak Mahmud Ehtashamul Haque Md. Raqibur Rahman	A Comprehensive Exploration on Impact of Preprocessing for Prediction of Chronic Kidney Disease Using Multiple Machine Learning Approaches	05:45 PM	06:00 PM	

3	63	Ashfia Jannat Keya Shahid Afridi Afroza Siddique Maria Snaha Sadhu Pinki Joy Ghosh M. F. Mridha	Fake News Detection Based on Deep Learning	06:00 PM	06:15 PM	Raisul Alam, BUBT Technical Support Md. Mizanur Rahman IT, BUBT Md. Moynul Islam Volunteer, BUBT
4	70	M.F. Mridha Rabeya Basri Muhammad Mostafa Monowar Md. Abdul Hamid	A Machine Learning Approach for Screening Individual's Job Profile Using Convolutional Neural Network	06:15 PM	06:30 PM	Zoom Meeting Link https://bdren.zoom.us/j/68653125600 Zoom Meeting ID 686 5312 5600
5	357	Fatema Nasrin Nafiz Ishtiaque Ahmed	Predicting the Correctness of Mental Arithmetic Task From EEG Using Deep Learning	06:30 PM	06:45 PM	

Time: 05:30 PM - 07:00 PM

Parallel Technical Session: D1-P3S3

Wireless Communication and IoT

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	84	A K M Abdur Rahman Ferdous S.P. Majumder K M Mustafizur Rahman Bobby Barua	Analytical Evaluation of BER Performance of an UWB Communication System Using Dual Carrier Modulation and Space Diversity	05:30 PM	05:45 PM	Session Chairs Prof. Dr. Md. Sohel Mahmud Sher, KU Dr. Mohammad Upal Mahfuz UWGB, USA
2	280	Mst. Rubina Aktar Md. Shamim Anower Md. Mubasher Rahman Md. Zobayer Ibna Hossain Md. Ahsanul Kabir Shohan	Reducing Power Consumption and Total Cost in C-RAN Based on Dynamic BBU Allocation	05:45 PM	06:00 PM	Session Coordinator Mahmudul Hasan Sagor BUBT Technical Support Sajib Biswas, IT, BUBT Md. Shawon, Volunteer, BUBT
3	235	Mir Md. Saym Mobasshir Mahbub Farruk Ahmed	Coverage Maximization by Optimal Positioning and Transmission Planning for UAV-Assisted Wireless Communications	06:00 PM	06:15 PM	Zoom Meeting Link https://bdren.zoom.us/j/68780519944
4	209	Md. Emran Hossain Md. Sohel Rana Md. Sanwar Hossain Zahangir Alam	GSM Based Monitoring Scheme for Smart Garbage Management System	06:15 PM	06:30 PM	Zoom Meeting ID 687 8051 9944

Time: 07:00 PM - 08:00 PM		
Keynote Session: D1-K4		
Keynote Speaker	Title of the Keynote Speech	Meeting Info
<p>Dr. Khondkar Karim, CPA Professor & Chair Department of Accounting UMass Lowell, USA</p>	<p>Theory and Practice: A Focus on Data Analytics</p>	<p>Session Chair Prof. Santi Narayan Ghosh BUBT Prof. Dr. Syed Masud Husain, BUBT</p> <p>Session Coordinator Md. Alamgir Kabir, BUBT</p> <p>Technical Support Md. Easeen Patwary IT, BUBT Tahrim Fatiha Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/65267449622</p> <p>Zoom Meeting ID 652 6744 9622</p>

END of DAY 1

All dates and times are given in Bangladesh Local Time (Dhaka, GMT+ 06.00)

Time: 08:30 AM - 10:00 AM Parallel Technical Session: D2-P1S1						
Photovoltaics & Renewable Energy II						
Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	169	Lei Liu Takeyoshi Kato Tomonobu Senjyu Paras Mandal Alexey Mikhaylov Ashraf M. Hemeida	Multi-area Power System Load Frequency Control by Introducing Renewable Energy Sources	08:30 AM	08:45 AM	<p>Session Chairs Prof. Dr. Tirthadip Ghose Birla IT, India Prof. Dr. Tareq Aziz AUST</p> <p>Session Coordinator Md. Sanwar Hossain, BUBT</p> <p>Technical Support Md. Abdul Muhaimin Chowdhury, IT, BUBT Md. Abu Zardar Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/61186391626</p> <p>Zoom Meeting ID 611 8639 1626</p>
2	173	Homeyra Akter Harun Or Rashid Howlader Ahmed Y. Saber Ashraf M. Hemeida Hiroshi Takahashi Tomonobu Senjyu	Optimal Sizing and Operation of Microgrid in a Small Island Considering Advanced Direct Load Control and Low Carbon Emission	08:45 AM	09:00 AM	
3	310	Md. Mahadi Hasan Md Naimur Rahman Md. Hossen Ali Husain Mia Md. Fayyaz Khan	Design of an Optimum Solar PV Generation System for Integrated loads using PVSYSY software	09:00 AM	09:15 AM	
4	298	Saidul Islam Sayem Abdur Rahman Shariar Hossain Shohan Md. Sala Uddin Soman Md. Fayyaz Khan	Ensuring Optimum Power Output in a Grid Tied Solar PV System through selection of Proper Panel Size	09:15 AM	09:30 AM	

Time: 08:30 AM - 10:00 AM Parallel Technical Session: D2-P1S2						
Optimization of Power System & Stability Analysis-II						
Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	353	Sayed Allamah Iqbal	Fractional Dynamical Analysis of One Dimensional Electrical Transmission Line	08:30 AM	08:45 AM	<p>Session Chairs Dr. Abdul Motin Hawlader UC Riverside, USA Prof. Dr. Muhammad Shahin Uddin, MBSTU</p> <p>Session Coordinator Zahangir Alam, BUBT</p> <p>Technical Support</p>
2	363	Asfaqur Rahman Abdullah Al Hysam Sabbir Ahmed Kazi Mohammad Mamun Amit Roy Rafayel Bishal	Performance Analysis of Hybrid AC-DC SEPIC Converter	08:45 AM	09:00 AM	
3	15	Mohammad Rasel Fahmida Amin Safkat Islam	Design of Lightning Protection Scheme of a Grid Substation Using Rolling Sphere Method	09:00 AM	09:15 AM	

4	234	Sairatun Nesa Soheli Jahid Hasan Rukan Chandra Barman	Obtaining Superior Efficiency with High Voltage Gain: Design and Performance Analysis of the DC-DC Boost Converter	09:15 AM	09:30 AM	Sajib Biswas, IT, BUBT Md Khaled, Volunteer, BUBT Zoom Meeting Link https://bdren.zoom.us/j/68031777183 Zoom Meeting ID 680 3177 7183
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Time: 08:30 AM - 10:00 AM

Parallel Technical Session: D2-P1S3

Network, Security & Blockchain

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	231	Abu Asaduzzaman Prasanth Kamalakannan Md Altaf-UI-Amin Shigehiko Kanaya	Improving Quality of Service in Computer Network Applying the Eight Classes of Service	08:30 AM	08:45 AM	<p>Session Chairs Dr. A.K.M. Ashikur Rahman BUET Dr. Muhammad Shahriar Rahman, UIU</p> <p>Session Coordinator Suman Saha, DUET</p> <p>Technical Support Md. Mizanur Rahman IT, BUBT Abdullah Al Mamun Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/65395990421</p> <p>Zoom Meeting ID 653 9599 0421</p>
2	103	Shamim Ahmed Atanu Shome Milon Biswas	DBST: A Scalable Peer-to-Peer Distributed Information System Supporting Multi-Attribute Range Query	08:45 AM	09:00 AM	
3	207	Milon Biswas Jabed Al Faysal.	Landchain: A Blockchain Based Secured Land Registration System	09:00 AM	09:15 AM	
4	287	Farha Akhter Munmun Mahuwa Paul	Challenges of DDoS Attack Mitigation in IoT Devices by Software Defined Networking (SDN)	09:15 AM	09:30 AM	
5	9	Mifta Ul Jannat Raju Ahmed Al Mamun Jannatul Ferdous Ritu Costa Milon Biswas	Blockchain for Organic Food Supply Chain: Ensure Transparency & Traceability	09:30 AM	09:45 AM	
6	306	Md. Jobaer Hossain Md. Anwar Hussien Wadud Anichur Rahman Jannatul Ferdous Md Shahin Alam T M Amir Ul Haque Bhuiyan M Firoz Mridha	A Secured Patient Online Data Monitoring through Blockchain: An Intelligent way to Store Lifetime Medical Records	09:45 AM	10:00 AM	

Time: 10:00 AM - 11:30 AM**Parallel Technical Session: D2-P2S1****Optics, Photonics & Optoelectronics**

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	302	Sumaia Jahan Mishu Refat Ara Karim Moushi Nipa Dhar Muhammad Asad Rahman	Design of a Dual-band Terahertz Planar Double-Negative Metamaterial with Near Zero Refractive Index Property	10:00 AM	10:15 AM	<p>Session Chairs Prof. Dr. S M Abdur Razzak RUET Dr. Tanvir Ahmed RUET</p> <p>Session Coordinator Kanij Fatema, BUBT</p> <p>Technical Support Md. Abdul Muhaimin Chowdhury, IT, BUBT Mohammad Tarikul Islam Rimon, Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/66588371047</p> <p>Zoom Meeting ID 665 8837 1047</p>
2	294	Shakil Tanvir Ruhul Amin Sumaiya Mahbub Ishum Jahangir Nusrat Jahan Alin Shadman Islam Nabil Russel Reza Mahmud	Extremely Ultra Flattened Negative Dispersion Square Pattern Air Hole PCF for Employing of the Residual Dispersion Compensation	10:15 AM	10:30 AM	
3	295	Kazi Mohammad Mamun Sabbir Ahmed Asfaqur Rahman Nayeem Sarker Abdullah Al Hysam Rafayel Bishal	Performance Analysis Between Graphene and MoS2 Based MSM Photodiode	10:30 AM	10:45 AM	
4	37	Mohammad Al Mahfuz Md. Anwar Hossain Mohammad Nizamul Haque Md. Abbdur Rakib Nguyen Hoang Hai	Selectively Coated Spiral Photonic Crystal Fiber Based Plasmonic Polarization Filter	10:45 AM	11:00 AM	
5	85	Rayhan Habib Jibon Moaz Ahmed Md. Murad Shaikh Abul Tooshil Mohammad Ashik Alahe Md Mahmud Hassan	Cyanide Detection with Photonic Crystal Fiber in the Terahertz Region: Design and Numerical Investigation	11:00 AM	11:15 AM	

Time: 10:15 AM - 11:30 AM**Parallel Technical Session: D2-P2S2****Cloud Computing & IoT**

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	160	Muhammad Mostafa Monowar	A Receiver-initiated QoS-Aware Multi-hop MAC Protocol for Wake-Up Radio Enabled WSNs in IoT	10:15 AM	10:30 AM	<p>Session Chairs Prof. Dr. M. Kaykobad, BracU Prof. Dr. Md. Obaidur Rahman, DUET</p>

2	297	Dipayan Mazumder	A novel approach to IoT based health status monitoring of COVID-19 patient.	10:30 AM	10:45 AM	<p>Session Coordinator Suman Saha, DUET</p> <p>Technical Support Md. Mizanur Rahman IT, BUBT Md. Khaled, Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/66164450156</p> <p>Zoom Meeting ID 661 6445 0156</p>
3	291	Jogesh Roy Suman Saha Syeda Sayka Rahaman Ummay Jahan Md. Shahiduzzaman Samsuddin Ahmed	Design and Implement of Smart Wearable Hairband as Safety Solution for Women	10:45 AM	11:00 AM	
4	257	Md Ashrafuzzaman Suman Saha Nesar Uddin Pranto Kumar Saha Sojib Hossen Kamruddin Nur	Design and Development of a Low-cost Smart Stick for Visually Impaired People	11:00 AM	11:15 AM	
5	355	Mobasshir Mahbub Bobby Barua	Energy and Latency-Aware Computation Offloading and Resource Allocation for a Multi-Access Edge Computing-Enabled Heterogeneous Network	11:15 AM	11:30 AM	

Time: 10:00 AM - 11:30 AM

Parallel Technical Session: D2-P2S3

Autonomous and unmanned vehicle & Green manufacturing of yarn, fabric and fashion technology

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	258	Armana Huq Md. Mahmud Hasan Md. Khorshadul Haque	Manifesting the Policy Level Adaptation of Autonomous Vehicle Technologies in Developing Countries: The Context of Bangladesh	10:00 AM	10:15 AM	<p>Session Chairs Prof. Dr. Sobahan Mia, KUET Prof. Dr. Engr. Mohammed Rubaiyat Chowdhury, BUBT</p> <p>Session Coordinator Md Saitham Al Sagir Rakin BUBT</p> <p>Technical Support Md. Easeen Patwary IT, BUBT Emadul Islam, Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/67048043740</p> <p>Zoom Meeting ID 670 4804 3740</p>
2	238	Sadia Mehrin Md. Lutfar Rahman Azad Md. Masud Rana Shahin Mahadi Hasan	Comparative Study between Automatic and Straight Knife Cutting Machine	10:15 AM	10:30 AM	
3	320	Soumen Saha Shadman Ahmed Khan Md. Saitham Al Sagir Rakin Mahadi Hasan	Performance comparison between chitosan and microorganism as medium of sustainable effluent treatment	10:30 AM	10:45 AM	
4	359	Mohammad Mobarak Hossain Md. Razib Sheikh Mohammad Mahmudur Rahman Khan Md. Elius Uddin Md. Imran Hossain Eshita Datta	Effect of Loop Length Variation in a Plain Circular Knitting Machine on the Properties of Plain Single Jersey Fabric	10:45 AM	11:00 AM	

5	180	Kanij Fatema Bushra Md. Asif Ahamed Shadmanul Bari Mohiuddin Ahmad	Development of an ECG Garment using Android mobile	11:00 AM	11:15 AM	
6	18	Engr. Md. Eanamul Haque Nizam	Impact of social media on garments retail business of Bangladesh	11:15 AM	11:30 AM	

Time: 11:30 AM - 12:30 PM

Activity Session: D2-A1

Resource Person	Title & Theme of the Activities	Meeting Info
<p>Dr. Sabeena Beevi K Associate Professor, Department of Electrical and Electronics Engineering, T K M College of Engineering, Kollam, Kerala, India</p>	<p>Title: AI in Cancer Pathology</p> <p>Theme: Research and Innovation for Women Empowerment</p>	<p>Session Chair Prof. Dr. Celia Shahnaz BUET</p> <p>Session Coordinator Prof. Dr. Md. Anwar Hossain, BUBT</p> <p>Technical Support Sajib Biswas, IT, BUBT Tabil Ahmmed Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/67125203029</p> <p>Zoom Meeting ID 671 2520 3029</p>

Time: 12:30 PM - 02:00 PM

Lunch & Prayer Break

Time: 02:00 PM - 03:00 PM

Keynote Session: D2-K1

Keynote Speaker	Title of the Keynote Speech	Meeting Info
<p>Dr. Celia Shahnaz Professor, Bangladesh University of Engineering and Technology (BUET)</p>	<p>2-D Biosignal Processing for Automation in Disease detection based on Deep Neural Networks</p>	<p>Session Chair Prof. Dr. Muhibul Haque Bhuyan, SEU</p> <p>Session Coordinator Dr. Muhammad Firoz Mridha, BUBT</p> <p>Technical Support Md. Easeen Patwary IT, BUBT</p>

		<p>Ramisa Anan Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/61092568520</p> <p>Zoom Meeting ID 610 9256 8520</p>
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Time: 03:00 PM - 04:00 PM		
Invited Session: D2-I1		
Invited Speaker	Title of the Invited Speech	Meeting Info
<p>Dr. Nowshad Amin Professor, Institute of Sustainable Energy (ISE) Universiti Tenaga Nasional (UNITEN) Malaysia</p>	<p>Potential Research Fronts in Solar Photovoltaic (PV) Technology</p>	<p>Session Chair Prof. Dr. Md. Abdur Razzak IUB</p> <p>Session Coordinator Dr. Md. Shamsul Arefin BUBT</p> <p>Technical Support Sajib Biswas, IT, BUBT Nusrat Jahan Anka Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/68409670894</p> <p>Zoom Meeting ID 684 0967 0894</p>

Time: 04:00 PM - 05:30 PM						
Parallel Technical Session: D2-P3S1						
Microwave and Antenna Propagation-I						
Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	167	Maodudul Hasan Eisuke Nishiyama Takayuki Tanaka Ichihiko Toyoda	Proposal of Pattern-Reconfigurable Self-Oscillating Active Array Antenna Integrating Slot-Line Gunn Oscillator and Hybrid Coupler	04:00 PM	04:15 PM	<p>Session Chairs Prof. Dr. Feroz Ahmed, IUB Dr. Md. Azad Hossain, CUET</p> <p>Session Coordinator Avijit Kundu, BUBT</p> <p>Technical Support Md. Abdul Muhaimin Chowdhury, IT, BUBT</p>
2	88	Nayem Al Kayed Mohammad Rezaul Karim Nusrat Jahan Abrar Hussain B. M. Azizur Rahman	Mid-infrared supercontinuum generation using dispersion-varying silicon-rich silicon nitride waveguide	04:15 PM	04:30 PM	

3	1	Zayed Mohammad Chinmoy Das Nayan Sarker Md. Anwar Hossain	Performance Analysis of A Leaky-Wave Antenna Based on Substrate Integrated Waveguide for Radar and Satellite Communication	04:30 PM	04:45 PM	Shahriya Alam Volunteer, BUBT Zoom Meeting Link https://bdren.zoom.us/j/62472183752 Zoom Meeting ID 624 7218 3752
4	268	Arnob Barua Gobinda Bhadra M. Salauddin Rasel	Modeling and Analysis of an Electromagnetic Wave Energy Harvesting Device	04:45 PM	05:00 PM	

Time: 04:00 PM - 05:30 PM

Parallel Technical Session: D2-P3S2

Health Informatics & AI

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	69	Shamima Sukhi Abu Quwsar Ohi Md. Saifur Rahman M.F. Mridha	A Survey on Bengali Image Captioning: Architectures, Challenges, and Directions	04:00 PM	04:15 PM	<p>Session Chairs Prof. Dr. M. M. A Hashem KUET Prof. Dr. Shamim Kaiser, JU</p> <p>Session Coordinator Shamim Ahmed, BUBT</p> <p>Technical Support Md. Mizanur Rahman IT, BUBT Shariar Arafa Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/61575679497</p> <p>Zoom Meeting ID 615 7567 9497</p>
2	276	Musfiqur Rhman Farjana Rahaman Md. Mintu Hossain Khadija Akter Umma Habiba Emu M. F. Mridha	Predicting Alzheimer's Disease at low cost using machine learning	04:15 PM	04:30 PM	
3	222	Meer Muttakin Alam Atanu Shome Suman Saha M. F. Mridha	BRevML: Classifying Bangla Reviews for E-commerce using Machine Learning	04:30 PM	04:45 PM	
4	241	Zahrul Jannat Peya Kamrun Nahar Khan Mihaddur Zaman	Predictive Analysis for Thyroid Diseases Diagnosis using Machine Learning	04:45 PM	05:00 PM	
5	91	Md.Nazmul Hossain Md. Monirul Islam Md. Khaled Ben Islam	Recurrent Neural Network Encoding Decoding Translator based Prediction Protein Function and Functional Annotation	05:00 PM	05:15 PM	
6	350	Afroza Siddique Maria Shahid Afridi Samsuddin Ahmed	An Ensemble of CNN-LSTMs for Temperatures Forecasting from Bangladesh Weather Dataset	05:15 PM	05:30 PM	

Time: 05:30 PM - 06:15 PM		
Activities Session: D2-A2		
Resource Person	Title of the Activities	Meeting Info
Dr. Atiqur Rahman Ahad SMIEE Professor Dept. of EEE, DU & Specially Appointed Assoc. prof., Osaka University, Japan	Some Research Points on Vision, Skeleton & Sensors	Session Coordinator Dr. Muhammad Firoz Mridha BUBT Technical Support Md. Easeen Patwary IT, BUBT Tabil Ahmmed Volunteer, BUBT Nowshin, Volunteer, BUBT Zoom Meeting Link https://bdren.zoom.us/j/69367881692 Zoom Meeting ID 693 6788 1692
Time: 06:15 PM - 07:00 PM	Activity of IEEE BUBT student Branch & Research Activity of BUBT	

Time: 07:00 pm - 08:00 pm	
Refreshment & Prayer Break	

Time: 08:00 pm - 09:00 pm		
Workshop Session: D2-W1		
Resource Person	Title of the Workshop	Meeting Info
Dr. Ahmed Y. Saber, SMIEEEE VP Optimization and AI (Visionary Leader) at ETAP R&D Manager of Smart Power System Optimization Group (T&D) Operation Technology, Inc., ETAP, CA, USA	Power System Optimization in ETAP	Session Coordinator Dr. A K M Alamgir Technical Support Sajib Biswas IT, BUBT Anup Sen Volunteer, BUBT Zoom Meeting Link https://bdren.zoom.us/j/66047350349 Zoom Meeting ID 660 4735 0349

END of DAY 2

All dates and times are given in Bangladesh Local Time (Dhaka, GMT + 06.00)

Time: 08:30 AM - 10:00 AM Parallel Technical Session: D3-P1S1						
Photovoltaics & Renewable Energy III						
Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	38	Abdul Motin Howlader Md. Anwar Hossain Ahmed Yousuf Saber Tomonobu Senjyu	Optimal Reactive Power or VAR Flow from Distributed Smart PV Inverters	08:30 AM	08:45 AM	<p style="text-align: center;">Session Chairs</p> <p style="text-align: center;">Prof. Dr. Md. Raju Ahmed, DUET Dr. Ahmed Al Mansur, GUB</p> <p style="text-align: center;">Session Coordinator</p> <p style="text-align: center;">Sk. Hasibul Alam, BUBT</p> <p style="text-align: center;">Technical Support</p> <p style="text-align: center;">Md. Abdul Muhaimin Chowdhury IT, BUBT Saiful Islam Tuhin, Volunteer, BUBT</p> <p style="text-align: center;">Zoom Meeting Link</p> <p style="text-align: center;">https://bdren.zoom.us/j/65982676419</p> <p style="text-align: center;">Zoom Meeting ID</p> <p style="text-align: center;">659 8267 6419</p>
2	94	Mikaeel Ahmadi Shafiqullah Jafari Hanzala Quraishi Hameedullah Zaheb Mir Sayed Shah Danish Tomobobu Senjyu	Partial deployment of rooftop solar and an energy efficiency approach to reduce grid-supply dependency; Case study of a governmental entity	08:45 AM	09:00 AM	
3	305	Engr. Md. Jalal Uddin Saidul Islam Sayem Abdur Rahman Muhammed Fayyaz Khan	Reactive Power Compensation and Efficient Power Evacuation for a 35 MW AC Grid Tied Solar PV Plant	09:00 AM	09:15 AM	
4	312	Samia Afrin Fariha Hakim Sneha Md. Mahadi Hasan M S A Al Farook Shiblee	Designing and Feasibility Study of Net Metering System upon Installing Rooftop Solar PV: A Case Study at MIST, Bangladesh	09:15 AM	09:30 AM	
5	335	Md. Nasim Reza Nibir Mondol Md. Sanwar Hossain Md. Alamgir Kabir	Design and Implementation of an Automatic Single Axis Solar Tracking System to Enhance the Performance of a Solar Photovoltaic Panel.	09:30 AM	09:45 AM	

Time: 08:30 AM - 10:00 AM Parallel Technical Session: D3-P1S2						
Artificial Intelligence and Machine Learning III						
Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	349	Fahim Faisal Mirza Muntasir Nishat Md. Ashif Mahbub Md. Minhajul Islam	Covid-19 and its impact on school closures: a predictive analysis using machine learning algorithms	08:30 AM	08:45 AM	

		Shawon Md. Mahbub-Ul-Huq Alvi				
2	117	Arpita Das Shanta Kumar Das Dola Das Kazi Md. Rokibul Alam	A Comparative Study to Predict Diabetes using Machine Learning Techniques	08:45 AM	09:00 AM	<p style="text-align: center;">Session Chairs Prof Dr. Abu Asaduzaman WSU, USA Prof. Dr. Md. Abu Yousuf, JU</p> <p style="text-align: center;">Session Coordinator M. M. Fazle Rabbi, BUBT</p> <p style="text-align: center;">Technical Support Md. Mizanur Rahman, IT, BUBT Anup Sen, Volunteer, BUBT</p> <p style="text-align: center;">Zoom Meeting Link https://bdren.zoom.us/j/64971463545</p> <p style="text-align: center;">Zoom Meeting ID 649 7146 3545</p>
3	100	Milon Biswas Arafat Jahan Nova Md. Kawsher Mahbub Sudipto Chaki Shamim Ahmed	Stock Market Prediction:-A Survey and Evaluation	09:00 AM	09:15 AM	
4	40	Abdullah Al Jobaer Bimurta Bismoy Sanchi Aaquib Javed Md. Shariful Islam	An advanced recommendation system by combining Popularity- based and User-based collaborative filtering using Machine Learning.	09:15 AM	09:30 AM	
5	264	Md. Ashaduzzaman Niloy Md. Sayed Hasan Rifat	Solution of Combined Economic and Emission Dispatch using Slime Mould Optimization Algorithm	09:30 AM	09:45 AM	
6	137	Mahnaz Rafia Islam Israt Jahan Jenny Moniruzzaman Nayon Md. Rajibul Islam Md Amiruzzaman Mohammad Abdullah-Al-Wadud	Clustering Algorithms to Analyze the Road Traffic Crashes	09:45 AM	10:00 AM	

Time: 10:00 AM - 11:00 AM

Parallel Technical Session: D3-P2S1

Microwave and Antenna Propagation-II

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	271	Md. Naimur Rahman Muhammad Asad Rahman Md. Azad Hossain	Design of a Polarization Diversity MIMO Antenna With Improved Mutual Coupling	10:00 AM	10:15 AM	<p style="text-align: center;">Session Chairs Prof. Dr. Md. Fokhrul Islam, IUT Prof. Dr. Md. Kamal Hosain, RUET</p> <p style="text-align: center;">Session Coordinator Md. Ashiqur Rahman, BUBT</p> <p style="text-align: center;">Technical Support Md. Abdul Muhaimin Chowdhury</p>
2	261	Liton Chandra Paul Sajeeb Chandra Das Nayan Sarker Rezaul Azim Md. Fatin Ishraque Sk. A. Shezan	A Wideband Microstrip Patch Antenna with Slotted Ground Plane for 5G Application	10:15 AM	10:30 AM	

3	293	Liton Chandra Paul Sajeeb Chandra Das Nayan Sarker Md. Fatin Ishraque Rezaul Azim Md. Zulfiker Mahmud	A Low Profile Microstrip Patch Antenna with DGS for 5G Application	10:30 AM	10:45 AM	IT, BUBT Nusrat Jahan Anka, Volunteer BUBT Zoom Meeting Link https://bdren.zoom.us/j/65998140315 Zoom Meeting ID 659 9814 0315
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Time: 10:00 AM - 11:00 AM

Parallel Technical Session: D3-P2S2

Enterprise modeling, engineering and architecture & Smart home/city/industry/health/agriculture

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	303	Maliha Sultana Nourin Khandaker	Requirements Elicitation and Development of a Graveyard Management System in the Context of Bangladesh	10:00 AM	10:15 AM	Session Chairs Prof. Santi Narayan Ghosh, BUBT Prof. Dr. Syed Masud Husain, BUBT
2	290	Md. Abdul Hamid	Donation: A Social Engineering Model for Extreme Poverty Eradication	10:15 AM	10:30 AM	Session Coordinator Md. Merajur Rahman, BUBT
3	184	Maria Sultana Raiyan Tanvir Shehzad	Analyzing the transformation of a city in the presence of urban growth and shrinkage factors: A case study of Khulna, Bangladesh	10:30 AM	10:45 AM	Technical Support Sajib Biswas, IT, BUBT Md. Al Amin Panna Volunteer, BUBT
4	130	H. M. Mahmudul Hasan Adil Ahnaf Nahid Hossain	Prediction of Political and Local Conflicts in Bangladesh: An Event Analysis	10:45 AM	11:00 AM	Zoom Meeting Link https://bdren.zoom.us/j/67968315515 Zoom Meeting ID 679 6831 5515

Time: 11:00 AM - 12:00 PM

Keynote Session: D3-K1

Keynote Speaker	Title of the Keynote Speech	Meeting Info
Dr. Engr. Ayub Nabi Khan Pro-Vice Chancellor BGMEA University of Fashion & Technology (BUFT), Bangladesh	Impact of Information and Communication Technology (ICT) in Textile Value Chain	Session Chair Prof. Dr. Ali Ahmed, BUBT Session Coordinator Prof. Dr. Engr. Mohammed Rubaiyat Chowdhury, BUBT Technical Support Md. Easeen Patwary, IT, BUBT Md. Shawon, Volunteer, BUBT Zoom Meeting Link https://bdren.zoom.us/j/62670210143 Zoom Meeting ID 626 7021 0143

Time: 12:00 PM - 01:30 PM Parallel Technical Session: D3-P3S1						
Optimization of Power System & Stability Analysis-III						
Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	281	Pollen Barua Ratul Barua Muhammad Quamruzzaman M.G. Rabbani	Small Signal Stability and Transient Stability improvement of Bangladesh Power System using TCSC,SVC and TCSC,STATCOM based series shunt compensator	12:00 PM	12:15 PM	<p>Session Chairs</p> Prof. Dr. Muhammad Abdul Goffar Khan, RUET Prof. Dr. Md. Zakir Hossain, DUET
2	229	Abu Hena Shatil S. M. Istiaque Mahmud Akib Ahsan Apurbo Kumar Sarker	Maximum Power Extraction Using Genetic Algorithm from Wind Energy System	12:15 PM	12:30 PM	<p>Session Coordinator</p> Md. Akib Zaved Khan, BUBT
3	277	Dewan Mahnaaz Mahmud Fardeen Mahbub Farhan Tasnim Md. Zilan Uddin Saif Siam Hasan Khan	Tentative Prospects and Overview of General Awareness Towards Sustainable Energy in Bangladesh	12:30 PM	12:45 PM	<p>Technical Support</p> Md. Abdul Muhaimin Chowdhury IT, BUBT Md. Arif Hasan Masum Volunteer, BUBT
4	186	Nurzainah Ginting Ap Mulia Tarigan Yudisthira Purba	Optimization of Biogas in General Regional Energy Planning of North Sumatra Province, Indonesia: Solution for Household Energy Demand	12:45 PM	01:00 PM	<p>Zoom Meeting Link</p> https://bdren.zoom.us/j/68407382271 <p>Zoom Meeting ID</p> 684 0738 2271

Time: 12:00 PM - 01:30 PM Parallel Technical Session: D3-P3S2						
Artificial Intelligence and Vision						
Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	193	Mahammed Kamruzzaman Md. Rashidul Islam Imran Mohammed Hossain Sagor Chandro Bakchy	A Comparative Analysis of Sentiment Classification Based on Deep and Traditional Ensemble Machine Learning Models	12:00 PM	12:15 PM	<p>Session Chairs</p> Prof. Dr. Mohammad Shorif Uddin JU Prof. Dr. Md. Shamim Akhter IUBAT
2	233	Nurjahan Nipa Md. Shahriare Satu Koushik Chandra Howlader Md Asad	mobEVID: A Smartphone-based RT-PCR Testing Record Capturing Application for COVID-19 Cases	12:15 PM	12:30 PM	
3	121	Md. Ashfaqu Islam Md. Rubaiat Zaman Wami Md.Rifat Hayder	Human Mental Condition Detection by EEG Signal and Time-Frequency Domain Analysis for Behavior	12:30 PM	12:45 PM	

4	240	Md. Julker Nayeem Mahi Iffat Tamanna Shamim Ahmed Manzur Kader Ahasanul Haque Milon Biswas	Controlling Body Sources of Noise Generated by Niddle Electrogram Machines: A New EMG Idea for Skipping Traditional Approaches	12:45 PM	01:00 PM	<p>Session Coordinator Samsuddin Ahmed, BUBT</p> <p>Technical Support Md. Mizanur Rahman, IT, BUBT Md. Moynul Islam, Volunteer BUBT</p>
5	39	Md. Shahidul Islam Fariha Mamud Rakib Ul Haque Ahmed Saber Aloke Kumar Saha	Automatic formulation and optimization of linear problems from a structured paragraph	01:00 PM	01:15 PM	<p>Zoom Meeting Link https://bdren.zoom.us/j/62572303725</p> <p>Zoom Meeting ID 625 7230 3725</p>

Time: 01:30 PM - 02:00 PM

Lunch & Prayer Break

Time: 02:00 PM - 03:30 PM

Parallel Technical Session: D3-P4S1

Nanotechnology, Devices & Systems

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	86	Rajon Bardhan Maksuda Rabeya Mou Mahmood Badhan Das Hanif Bhuiyan	An Area-efficient 2-to-4 Decoder Design Based on Quantum Dot Cellular Automata	02:00 PM	02:15 PM	<p>Session Chairs Prof. Dr. Md. Faruk Hossain, RUET Dr. Md. Tanvir Hasan, JUST</p> <p>Session Coordinator Sadah Anjum Shanto, BUBT</p> <p>Technical Support Md. Abdul Muhaimin Chowdhury IT, BUBT Md. Al Araf, Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/62510948179</p> <p>Zoom Meeting ID 625 1094 8179</p>
2	152	Writtik Dutta	Design of a Coordinated Electric Vehicle Charging System to Flatten the Duck Curve	02:15 PM	02:30 PM	
3	304	Sunjida Sultana Md. Tawfiq Amin Twisha Titirsha	A 2-D Analytical Modeling and Simulation of Double Gate Heterojunction Tunnel-FETs Based on AlGaSb/InAs	02:30 PM	02:45 PM	
4	289	Md. Alamgir Kabir Kazi Redwanul Fahim Tanvir Hasan Md. Ahasan Ali Md. Anwar Hossain	Automatic Transfer Switch Using Programmable Logic Controller	02:45 PM	03:00 PM	
5	23	Noshin Anjum Kamal Nusrat Zahan Tanwee Syed Mahedi Hasan	First-Principles Study of Borocarbonitride (BCN) Quantum Dot as an Anode Material for Calcium Ion Battery	03:00 PM	03:15 PM	

Time: 02:00 PM - 03:30 PM**Parallel Technical Session: D3-P4S2****Biomedical Applications and Image Processing**

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	329	Ferdous Farjana Suvojit Kumar Singha Abdulla Al Farabi	Cuffless Blood Pressure Determination Using Photoplethysmogram (PPG) Signal Based on Regression Analysis	02:00 PM	02:15 PM	<p style="text-align: center;">Session Chairs Prof. Dr. Masuma Akther, DUET Dr. Md. Kafiul Islam, IUB</p> <p style="text-align: center;">Session Coordinator Sohel Rana, BUBT</p> <p style="text-align: center;">Technical Support Sajib Biswas, IT, BUBT MD. Ahasan Ali, Volunteer, BUBT</p> <p style="text-align: center;">Zoom Meeting Link https://bdren.zoom.us/j/66837069892</p> <p style="text-align: center;">Zoom Meeting ID 668 3706 9892</p>
2	344	Emtiaz Ahmed Mainul Md. Faruque Hossain	A Miniatured Dual Band DGS Implantable Antenna for Biotelemetry	02:15 PM	02:30 PM	
3	53	Nitun Kumar Podder Fatama Akter Arpa Kar Puza, Ratri Datta Humayan Kabir Rana Mohammad Alamgir Hossain	Genetic effects of diabetes on the progression of cancers with gene enrichment analysis	02:30 PM	02:45 PM	
4	326	Sk. Hasibul Alam Md. Neyamul Hasan Fahim Md. Anish Sarkar Md. Rakibul Islam Suvo Md Mehedi Hasan	Comparative Analysis Between Gaussian Filter & Its Modified Version for High-Resolution Image Compression	02:45 PM	03:00 PM	
5	151	Anirudha Barman Mahmudul Kabir Peyal Afrin Hossain Puspita	Technical Design Approach to Prevention of Locust Swarm	03:00 PM	03:15 PM	

Time: 02:00 PM - 03:30 PM**Parallel Technical Session: D3-P4S3****Big data & NLP**

Sl. No.	Paper ID	Author's Name	Title of the Paper	Start Time	End Time	Meeting Info
1	96	Prithwiraj Bhattacharjee Rajan Saha Raju Arif Ahmad Shahidur Rahman	End-to-End Bangla Speech Synthesis	02:00 PM	02:15 PM	<p style="text-align: center;">Session Chairs Prof Dr. Shamsul Arefin, CUET Dr. M. Arifur Rahman, JU</p>
2	90	Md Ali Azad Hijam Sushil Singha Md Mahadi Hasan Nahid	Zilla-64: A Bangla Handwritten Word Dataset Of 64 Districts` Name of Bangladesh and Recognition Using Holistic Approach	02:15 PM	02:30 PM	
3	282	Mursalin Islam Emon Md. Shahiduzzaman	Profile Based Course Recommendation System Using Association Rule Mining	02:30 PM	02:45 PM	

		Md. Rakibul Hasan Rakib Mst. Surma Akter Shathee Suman Saha Md.Niamul Kamran Jewel Hossain Fahim	and Collaborative Filtering			<p>Session Coordinator Md. Shahiduzzaman, BUBT</p> <p>Technical Support Md. Mizanur Rahman, IT, BUBT Prosenjit Ray, Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/66457455735</p> <p>Zoom Meeting ID 664 5745 5735</p>
4	278	Md. Mehedi Hassan Md. Asif Rakib Khan Khan Kamrul Islam Md. Mahedi Hassan M M Fazle Rabbi	Depression Detection system with Statistical Analysis and Data Mining Approaches	02:45 PM	03:00 PM	
5	80	S. M. Dedar Alam	Identifying and Analyzing Disaster-Related Tweet, Through Hashtag Monitoring Using Data Mining and NLP Techniques	03:00 PM	03:15 PM	

Time: 03:30 PM - 04:30 PM

Keynote Session: D3-K2

Keynote Speaker	Title of the Keynote Speech	Meeting Info
<p>Dr. Bikash Pal Professor Department of EEE Imperial College London, UK</p>	<p>Robust Volt-Var Control in Power Distribution</p>	<p>Session Chair Prof. Dr. Shaikh Anowarul Fattah BUET Dr. Sajal Kumar Das, RUET</p> <p>Session Coordinator Dr. Md. Shamsul Arefin, BUBT</p> <p>Technical Support Md. Easeen Patwary, IT, BUBT Sudipto Ghosh, Volunteer, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/65838370144</p> <p>Zoom Meeting ID 658 3837 0144</p>

Time: 04:30 PM - 05:00 PM

Break

Time: 05:00 PM - 05:50 PM Closing Ceremony Session: D3-CCS		
Time	Program	Meeting Info
05:00 PM	Address by Dr. Ahmed Y. Saber Technical Program Chair, ICSCT 2021	<p>Session Coordinator Dr. Md. Harun-or-Rashid Registrar, BUBT</p> <p>Technical Support Md. Easeen Patwary, IT, BUBT Md. Shamsul Islam, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/62514748229</p> <p>Zoom Meeting ID 625 1474 8229</p>
05:10 PM	Announcement of Awarding Paper by Dr. Ahmed Y. Saber Technical Program Chair, ICSCT 2021	
05:15 PM	Address by Prof. Dr. Muhammed Fayyaz Khan General Chair, ICSCT 2021 & VC, BUBT	
05:25 PM	Address by the Chief Guest, Mr. Zunaid Ahmed Palak, MP Hon'ble State Minister of Information and Communication Technology (ICT) Division, Government of the People's Republic of Bangladesh	
05:45 PM	Vote of thanks by Prof. Dr. Ali Ahmed Management Chair, ICSCT 2021 and Treasurer, BUBT & Dean, Faculty of Engineering and Applied Sciences, BUBT	
05:50 PM	End of Closing Ceremony	

Time: 06:00 PM - 07:50 PM Cultural Program Session: D3-CPS		
Time	Program	Meeting Info
06:00 PM	Organized by BUBT Cultural Club	<p>Session Coordinator Kazal Kumar Das, BUBT</p> <p>Technical Support Md. Easeen Patwary, IT, BUBT</p> <p>Zoom Meeting Link https://bdren.zoom.us/j/62514748229</p> <p>Zoom Meeting ID 625 1474 8229</p>

THE END

Acronyms: **D:** Program Day; **ICS:** Inaugural Ceremony Session; **K:** Keynote Session; **P:** Parallel Technical Session; **S:** Session Number; **A:** Activity Session; **I:** Invited Session; **W:** Workshop Session; **CCS:** Closing Ceremony Session; **CPS:** Cultural Program Session.

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