

## ICREST'23 Program Schedule

DAY 1, SATURDAY JANUARY 7, 2023		
Time	Events	Venue
08:00 - 09:00	Registration	Ground Floor, D-Building, AIUB
09:00 - 10:45	<b>D1P1: PARALLEL SESSION 1</b>	
09:00 - 09:30	<b>Invited Speech:</b> <b>Mr. Md. Jahangir Al Jilani</b> Director, Reverie Power & Automation Engineering Ltd.	DS0706
09:00 - 09:30	<b>Invited Speech:</b> <b>Mr. Shahrir Bin Lutfor</b> Director and Head of CE Business, SAMSUNG Electronics Co. Ltd, Bangladesh Office	DS0707
09:00 - 09:30	<b>Invited Speech:</b> <i>"Smart City Initiatives in Australia"</i> <b>Dr. Md. Emran Amin</b> Spectrum Planning Eng, Australian Communication and Media Authority (ACMA)	DN0709
09:00 - 09:30	<b>Invited Speech:</b> <i>"Quantum dots and light-trapping texture for efficient photo-thermal energy conversion"</i> <b>Dr. Ahmed Mortuza Saleque</b> Postdoctoral Fellow, Hong Kong Polytechnique	DN0710
09:00 - 10:45	D1P11 : Power, Energy & Industry App. (I)	DS0706
	D1P12 : Robotics, Automation & Control (I)	DS0707
	D1P13 : Computing, AI, Big Data and Networking (I)	DN0709
	D1P14 : Components, Circuits & Devices (I)	DN0710
10:45 - 11:00	<b>NETWORKING SESSION</b>	
11:00 - 12:30	<b>D1K1: PLENARY SESSION 1</b>	Auditorium, AIUB
11:00 - 11:45	<b>Keynote 1:</b> <i>"Res-SE-ConvNet: A Deep Neural Network for Hypoxemia Severity Prediction for Hospital In patients Using Photoplethysmography Signal"</i> <b>Prof. Dr. Celia Shahnaz</b> Professor, Department of EEE, BUET IEEE WIE Committee Chair	
11:45 - 12:30	<b>Keynote 2:</b> <i>"Pattern Recognition and Tracking via Multidimensional Imaging"</i> <b>Prof. Mohammad S. Alam</b> Texas A&M University - Kingsville, Texas, USA	

12:30 - 13:00	INAUGURATION CEREMONY	Auditorium, AIUB
13:00 - 14:00	BREAK	
14:30 - 15:30	D1K2: PLENARY SESSION 2	Auditorium, AIUB
14:00 - 14:45	<p><b>Keynote 3:</b>  <i>"Data driven Detection of Electricity Theft Attacks in Smart Grids Using Machine Learning"</i>  <b>Prof. Dr. Erchin Serpedin</b>            Professor Texas A&amp;M University, College Station, Texas, USA</p>	
14:45 - 15:30	<p><b>Keynote 4:</b>  <i>"Text Classification in Resource Constrained Languages"</i>  <b>Prof. Dr. M. Moshikul Hoque</b>            Chair, IEEE Bangladesh Section</p>	
15:30 - 17:00	D1P2: PARALLEL SESSION 2	
15:30 - 16:00	<p><b>Invited Speech:</b>  <b>Mr. Sohel Ahmed</b>            Managing Director, Grameen Shakti</p>	DS0706
15:30 - 16:00	<p><b>Invited Speech:</b>  <i>"Digitization in order to compete and succeed"</i>  <b>Mr. Sarker Sohel Ahmed</b>            EVP, Robi Axiata Limited</p>	DS0707
15:30 - 16:00	<p><b>Invited Speech:</b>  <i>"EEG Signal Processing and Application to the Neurofeedback: Operant Conditioning of Brain &amp; Behaviors"</i>  <b>Prof. Dr. MOK Wahedi</b>            Visiting Professor, Brac University</p>	DN0709
15:30 - 17:00	D1P21 : Power, Energy & Industry App. (II)	DS0706
	D1P22 : Robotics, Automation & Control (II)	DS0707
	D1P23 : Computing, AI, Big Data and Networking (II)	DN0709
	D1P24 : Selected Topics In STEM (I)	DN0710
17:00 - 17:30	<b>NETWORKING SESSION</b>	
<b>END</b>		

**DAY 2, SUNDAY  
JANUARY 8, 2023**

Time	Events	Venue
09:30 - 11:30	<b>D2P1: PARALLEL SESSION 3</b>	
09:30 - 10:00	<b>Invited Speech:</b> <i>"Just transition towards defossilised energy systems for developing economies: A case study of South East Asian Countries"</i> <b>Dr. Duong Minh Quan</b> Associate Professor, The University of Da Nang - University of Science and Technology, Vietnam	DS0706
09:30 - 10:00	<b>Invited Speech:</b> <i>"Digital Transformation in financial and ICT sector of Bangladesh"</i> <b>Mr. A M Ehsan-ul Haque</b> Chief Operating Officer, ADN Technologies Limited.	DN0709
09:30 - 10:00	<b>Invited Speech:</b> <i>"Recent Trends and Challenges in Artifact Detection and Removal from Biomedical Signals - An Overview"</i> <b>Dr. Kafiul Islam</b> Associate Professor, Independent University	DN0710
09:30 - 11:30	D2P11 : Power, Energy & Industry App. (III)	DS0706
	D2P12 : Robotics, Automation & Control (III)	DS0707
	D2P13 : Computing, AI, Big Data and Networking (III)	DN0709
	D2P14 : Bioengineering Technologies (I)	DN0710
11:30 - 11:45	<b>NETWORKING SESSION</b>	
11:45 - 13:00	<b>D2K1: PLENARY SESSION 3</b>	Auditorium, AIUB
11:45 - 12:20	<b>Keynote 5:</b> <i>"Nuclear Power Generation : A viable solution for Energy Security"</i> <b>Prof. Dr. A B M Siddique Hossain</b> Dean, Faculty of Engineering, AIUB General Chair, ICREST'23	
12:20 - 13:00	<b>Keynote 6:</b> <i>"Wireless technologies in the 21st Century and Beyond"</i> <b>Dr. Nemai Chandra Karmakar</b> Monash University, Australia	
13:00 - 14:00	<b>BREAK</b>	
14:00 - 15:20	<b>D2K2: PLENARY SESSION 4</b>	Auditorium, AIUB

14:00 - 14:40	<p><b>Keynote 7:</b> <i>"On the Design of Multi perspective Deep Learning Architectures for Biosignal Analysis"</i> <b>Dr. Shaikh Anowarul Fattah</b> Professor, Department of EEE, BUET</p>	
15:20 - 17:00	<b>D2P2: PARALLEL SESSION 4</b>	
15:20 - 15:50	<p><b>Invited Speech:</b> <i>"Recent Trends and Challenges in Artifact Detection and Removal from Biomedical Signals - An Overview"</i> <b>Dr. Gabriela Nicoleta TANASIEV</b> Lecturer, University POLITEHNICA of Bucharest</p>	DS0706
15:20 - 15:50	<p><b>Invited Speech:</b> <i>"Operating model of Telecom passive infrastructures in Bangladesh and it's challenges"</i> <b>Mr. Md. Abdur Raihan</b> Director, Head of Tower Infra, Grameenphone</p>	DN0709
15:20 - 15:50	<p><b>Invited Speech:</b> <i>"How An Efficient Industry-Academy Collaboration can Empower The Whole Semiconductor Design Industry"</i> <b>Mr. Md. Ismail Hossain</b> Head, Program Management, Neural Semiconductor</p>	DN0710
15:20 - 17:00	D2P21 : Power, Energy & Industry App. (IV)	DS0706
	D2P22 : Robotics, Automation & Control (IV)	DS0707
	D2P23 : Computing, AI, Big Data and Networking (IV)	DN0709
	D2P24 : Selected Topics In STEM (II)	DN0710
16:45 - 18:00	<b>PITHA UTSAB</b>	
18:00 - 20:00	<b>CLOSING CEREMONY, AWARD DISTRIBUTIONS AND CULTURAL EVENTS</b>	Auditorium, AIUB
<b>END</b>		