



S C I E N C E S E S S I O N S

Day One, Monday, 5 June 2023

Keynote Talk: Artificial Intelligence-Based Computer-Aided Diagnosis

Speaker: Dr. Syoji Kobashi, University of Hyogo, Japan

Chair: Prof. Dr. Uzzal Kumar Prodhan, Dean, Faculty of Science & Engineering, JKKNIU

Time: 11:30 am – 12:20 pm; **Venue:** Administrative Building, Conference Room

Parallel Sessions One: 12:30 pm - 01:20 pm

Theme: Machine Learning

Venue: Science Building, Room No. 417

Session Chair: Prof. Dr. Sajjad Waheed, Dept. of Information and Communication Technology, MBSTU

Paper ID	Title
S-16	Cooperative Spectrum Sensing in Full-duplex Based CR-IoT Using Convolutional Neural Network
S-18	Fracture Recognition from Pelvic X-Ray Images Using Deep Convolutional Neural Networks (DCNN)
S-67	Patient Allocating Management Tool for Infectious Disease Based on Data Mining with Machine Learning Algorithms: Study Case Covid-19

Theme: Artificial Intelligence

Venue: Science Building, Room No. 505

Session Chair: Prof. Dr. A. H. M. Kamal, Department of Computer Science and Engineering, JKKNIU

Paper ID	Title
S-12	Comparative Study of NLP and Fuzzy Logic for Text Summarization
S-61	An IoT-based Intelligent Security System Through Visualizing Human Faces for Access Control Using Raspberry Pi
S-33	A Hyper-tuned Vision Transformer Model with Explainable AI for Eye Disease Detection and Classification from Retinal Images

Lunch and Prayer Break: 01:20 pm - 02:30 pm

Parallel Sessions Two: 02:30 pm - 03:30 pm

Theme: Artificial Intelligence/Internet Application

Venue: Science Building, Room No. 417

Session Chair: Prof. Dr. Sajjad Waheed, Dept. of Information and Communication Technology, MBSTU

Paper ID	Title
S-3	BanglaDigitNet: Bangla Handwritten Digit Recognition Using Convolutional Neural Network
S-25	Unlocking Potential: The Impact of ICT on Female Education and Employment in Bangladesh
SO-2	Real-Time BCI Scheme to Assisting Disabled Persons Using Motor Imagery EEG Signal Classification



Theme: Machine Learning

Venue: Science Building, Room No. 505

Session Chair : Prof. Dr. Uzzal Kumar Prodhan, Dept. of Computer Science and Engineering, JKKNIU

Paper ID	Title
S-29	Enhancing Lung Cancer Diagnosis Using a Hybrid VGG-16 and Vision Transformer Model
S-56	Speaker Independent Bangla Isolated Speech Recognition Using Deep Neural Network
S-63	Efficient Techniques for Moving Object Detection Using Deep Learning

Parallel Sessions Three: 03:45 pm - 04:45 pm

Theme: Machine Learning

Venue: Science Building, Room No. 417

Session Chair: Prof. Dr. Sajjad Waheed, Dept. of Information and Communication Technology, MBSTU

Paper ID	Title
S-8	Prospective Methodology of Hand Gesture Image Processing for Human-Computer Interaction Systems
S-39	Ontology-based Spatio-temporal Data Mining Approach for Health Care in Bangladesh
S-55	A Study on Machine Learning Algorithms with Different Encoding Techniques for Identifying the Right One for Patients' Big Data

Theme: Communication

Venue: Science Building, Room No. 505

Session Chair: Prof. Dr. Mst Jannatul Ferdous, Department of Computer Science and Engineering, JKKNIU

Paper ID	Title
S-6	Child Drowning Prevention: GPS and LoRa Based Emergency Alert System
S-51	A Hexagonal Low Loss PCF with Five Ring of Air Hole Exhibiting Near-Zero Ultra-Flattened Dispersion for Broadband Optical Communication
S-64	Mobile Phone Controlled Robots Using DTMF Technology: An Innovative Approach for Efficient and Versatile Control

Prayer and Tea Break: 04:45 pm - 05:15 pm

Parallel Session Four: 05:15 pm - 06:15 pm

Theme: Microwave Antenna

Venue: Science Building, Room No. 417

Session Chair: Prof. Dr. Md. Sujjan Ali, Department of Computer Science and Engineering, JKKNIU

Paper ID	Title
S-60	Antenna-based Detection of the Breast Cancer: A Feasibility Study
SO-5	Millimeter Wave C-Slotted Microstrip Patch Antenna for 5G Communication
SO-6	Design of Rectangular Microstrip Patch Antenna for Detecting Brain Tumor



Theme: Internet Application

Venue: Science Building, Room No. 505

Session Chair: Prof. Dr. Md. Mijanur Rahman, Department of Computer Science and Engineering, JKKNIU

Paper ID	Title
S-4	A Survey on Electronic Healthcare Systems in Bangladesh: Current Consequences and Future Prospects
S-9	Optimizing Last-mile Delivery of A Company: A Vehicle Routing Solution
S-48	GPS Tracker for Field Staffs Through Application and Authority Monitoring System in Web

Day Two, Tuesday, 6 June 2023

Parallel Sessions Five: 12:00 pm - 01:00 pm

Theme: Environmental Pollution

Venue: Science Building, Room No. 417

Session Chair: Prof. Dr. Syed Samsuddin Ahmed, Dept. of Geology & Mining, University of Rajshahi

Paper ID	Title
S-28	Evaluation of Human Risk of Polycyclic Aromatic Hydrocarbons Produced as a Processes Contaminant
S-65	Isolation and Characterization of Entomopathogenic Bacteria (EPB) from Bangladesh Soils
S-202	An Analytical Approach to Evaluate Particulate Matter Concentrations in Outdoor Workplace Environments of Dinajpur Municipality in Bangladesh.

Theme: Waste Management and Green Technology.

Venue: Science Building, Room No. 505

Session Chair: Prof. Dr. Subrota Kumar Saha, Department of Geology & Mining, University of Dhaka

Paper ID	Title
S-19	Comparison of Alternative Freight Routes from Turkiye to Europe under the Green Deal
S-200	Assessment of Health Care Waste Generation and Management Status in Selected Institutions of Dinajpur City in Bangladesh.
SO-7	Solid Waste Management Practices in Mymensingh City Corporation Areas, North-central Bangladesh

Lunch and Prayer Break: 01:00 pm - 02:00 pm

Parallel Sessions Six: 02:00 pm - 03:00 pm

Theme: Water Quality and Biodiversity

Venue: Science Building, Room No. 417

Session Chair: Prof. Dr. Subrota Kumar Saha, Department of Geology & Mining, University of Dhaka

Paper ID	Title
S-37	Floral Biodiversity Depletion in the Bakkhali River Estuary, Cox's Bazar, Chattogram
S-41	Seawater Quality Analysis of the Coastal Regions of the Sundarban Mangrove Forest of Bangladesh
S-42	Assessment of Surface Water Quality in Karnaphuli Estuary



Theme: Public Health

Venue: Science Building, Room No. 505

Session Chair: Prof. Dr. M. Kamruj Jaman Bhuiyan, Dept. of Agricultural and Applied Statistics, BAU

Paper ID	Title
S-13	Solid Fuel Use in the Household Elevates Blood Pressure of Reproductive-aged Married Women in Bangladesh
S-21	Exploring the Factors that Influence Contraceptive Use in Mymensingh Division, Bangladesh: A Cross-Sectional Study
S-70	Women's Decision-Making Power and Its Association with Contraceptive Use in Bangladesh: Evidence from a Cross-Sectional Survey

Tea Break: 03:00 pm - 03:15 pm

Parallel Sessions Seven: 03:15 pm - 04:15 pm

Theme: Public Health

Venue: Science Building, Room No. 417

Session Chair: Prof. Dr. M. Kamruj Jaman Bhuiyan, Dept. of Agricultural and Applied Statistics, BAU

Paper ID	Title
S-7	Availability and Readiness of Healthcare Facilities and Their Effects on Antenatal Care Services Uptake in Bangladesh: Evidence from Household and Health Facility Level Surveys
S-20	Factors Affecting the Cost of Antenatal Care in Bangladesh: A Cross-sectional Study in Mymensingh Division
S-30	The Prevalence of Self-reported Mental Disorders (Depression and Anxiety) and Its Association with Socio-demographic Factors among the Adolescents Aged 15 to 21 in Bangladesh

Closing and Award-giving Ceremony: 04:30 pm - 06:00 pm



B U S I N E S S S E S S I O N S

Day One, Monday, 5 June 2023

Parallel Sessions One: 12:30 pm - 01:20 pm

Theme: Sustainability for Business and Society

Venue: Faculty of Business Administration, Room No. 501

Session Chair: Dr. Md. Reiazul Haque, University of Manchester, UK

Paper ID	Title
B-06	Sustainable Strategy and Socially Responsible Human Resource Management in Predicting the Sustainable Performance
B-55	Sustainability Performance and Decision Usefulness of Sustainability Disclosures: Moderating Effect of Corporate Governance Quality
B-63	The Impact of Corporate Social Responsibility on Cost of Debt: An Empirical Study of Political Institutional Setting

Theme: Financial Innovation in a Changing World

Venue: Faculty of Business Administration, Room No. 502

Session Chair: Dr. Abdul Kaium Masud, Associate Prof., Noakhali Science and Technology University

Paper ID	Title
B-01	Fintech Credit Using CBDC: Transformation of Lending Market in Asia Pacific
B-05	Blockchain-based KYC Framework for Banks: A Study on Bangladesh
BO-2	The Financial Technology (FinTech) in Bangladesh: A Journey towards Complete Financial Inclusion

Lunch and Prayer Break: 01:20 pm - 02:30 pm

Parallel Sessions Two: 02:30 pm - 03:30 pm

Theme: Technology in Banking and Auditing

Venue: Faculty of Business Administration, Room No. 501

Session Chair: Dr. Md. Alamgir Hossain, Associate Professor, HSTU

Paper ID	Title
B-11	Role of Technology on Depositors' Bank Selection Decision
B-57	Technological Transformation in Audit: An Evidence from Auditing Practice in Bangladesh
BO-1	Regulatory Technology (Regtech) Landscape of Bangladesh: Policies and Practices

Theme: Leadership and Entrepreneurship

Venue: Faculty of Business Administration, Room No. 502

Session Chair: Prof. Dr. Razu Ahmed, Department of Accounting & Information Systems, JKKNIU

Paper ID	Title
B-04	The Influence of Subordinates' Strength-based Leadership on Creative Process Engagement in A Moderated Mediation Mechanism
B-51	Effects of Business Environment on Social Entrepreneurship
B-61	Impact of Technology and Social Capital on Women Entrepreneurship Development in Bangladesh



Parallel Sessions Three: 03:45 pm - 04:45 pm

Theme: Corporate Governance and Auditing

Venue: Faculty of Business Administration, Room No. 501

Session Chair: Dr. Md. Reiazul Haque, University of Manchester, UK

Paper ID	Title
B-16	Influence of Corporate Governance on Firm Value: Evidence from Bangladeshi Manufacturing Industry
B-47	The Impact of Document Verification System on Audit Fees in Banks: An Empirical Study in Bangladesh
B-48	Determinants of Corporate Governance and Its Effect on Credit Risk: A Study on Commercial Banks in Bangladesh

Theme: Financial Management and Stock Market

Venue: Faculty of Business Administration, Room No. 502

Session Chair: Prof. Dr. S. M. Sohrab Uddin, Department of Finance, University of Chittagong

Paper ID	Title
B-17	Impact of Demographic Variables on Investor's Risk Tolerance: Empirical Study from Bangladesh
B-28	The Impact of Interest-Free Islamic Microfinance on the Wellbeing of the Borrowers in Bangladesh: A Qualitative Investigation
B-44	Impact of Dividend Policy on Stock Price: A Study on Pharmaceutical and Chemical Companies Listed in DSE

Prayer and Tea Break: 04:45 pm - 05:15 pm

Parallel Sessions Four: 05:15 pm - 06:15 pm

Theme: Digital Financial Services and Online Food Delivery System

Venue: Faculty of Business Administration, Room No. 501

Session Chair: Prof. Dr. S. M. Sohrab Uddin, Department of Finance, University of Chittagong

Paper ID	Title
B-25	Enablers and Inhibitors of Mobile Financial Services (MFS) in an Emerging Economy: A Dual Factor Theory Perspective
B-26	Determining the Factors Affecting the Usage of the Online Food Delivery App of Pathao Food in Bangladesh: The Moderating Effect of Post Covid-19 Impact
B-33	Level of Acceptance of Mobile Banking at Rajshahi City in Bangladesh

Theme: Affordability and Access to Healthcare Services

Venue: Faculty of Business Administration, Room No. 502

Session Chair: Prof. Dr. Md. Riad Hassan, Department of Accounting & Information Systems, JKKNUI

Paper ID	Title
B-20	Exploring the Cost and Accessibility of Delivery Healthcare Services in Mymensingh Division, Bangladesh
B-49	An Empirical Study on Patients' Satisfaction with Community Clinics Healthcare Services: Based on Exploratory Factor Analysis
BO-4	Exploring the Impact of E-Business Deals on Cost and Client Service in the Healthcare Industry of Bangladesh



Day Two, Tuesday, 6 June 2023

Keynote Talk: Digitalizing Businesses for Smart Bangladesh

Speaker: Prof. Dr. Binod Krishna Shrestha, University of Kathmandu, Nepal

Chair: Prof. Dr. Md. Riad Hassan, Dean, Faculty of Business Administration, JKKNIU

Time: 11:00 am – 11:50 am; **Venue:** Administrative Building, Conference Room

Parallel Sessions Five: 12:00 pm - 01:00 pm

Theme: Organizational Development in Business and Education

Venue: Faculty of Business Administration, Room No. 502

Session Chair: Prof. Dr. Shakhawat Hossain Sarkar, Dept. of Accounting & Information Systems, JKKNIU

Paper ID	Title
B-35	Analysis of Trade of Fertilizer Products of the BIMSTEC Member Countries
B-36	Influences of theater practices in higher educational institute: A comparative study with Maturity-Immaturity Model of Chris Argyris on theatre activist and non-theatre activist students
B-45	Factors Affecting Organizational Climate at Tertiary-Level Educational Institutions: An Empirical Study on Private University Teachers in Bangladesh

Lunch and Prayer Break: 01:00 pm - 02:00 pm

Parallel Sessions Six: 02:00 pm - 03:00 pm

Theme: Technology and Media in Marketing

Venue: Faculty of Business Administration, Room No. 502

Session Chair: Prof. Dr. Mollah Aminul Islam, Department of Accounting & Information Systems, JKKNIU

Paper ID	Title
B-02	Creating Ethical Tech Savvy Business for Smart Bangladesh
B-14	The Role of Digital Advertisement and Influencer Marketing on Brand Equity
B-32	Nexus between Swift Guanxi and Purchase Decision in Livestreaming

Tea Break: 03:00 pm - 03:15 pm

Closing and Award-giving Ceremony: 04:30 pm - 06:00 pm



L A W S E S S I O N S

Day One, Monday, 5 June 2023

Parallel Sessions One: 12:30 pm - 01:20 pm

Theme: Law and Society in Bangladesh: Exploring Critical Issues for a Safer, Inclusive, and Transparent Future

Venue: Administrative Building, Conference Room

Session Chair: Prof. Dr. Nakib Muhammad Nasrullah, Department of Law, University of Dhaka

Paper ID	Title
L-9	Road To Safety: Legal Ways to Address the Key Behavioural Risk Factors Behind Road Crashes in Bangladesh
L-18	Are Child Actors Workers in Bangladesh? A Critical Legal Analysis
L-37	Knowledge, Practice and Response of Right to Information (RTI) Act: A Study at Jatiya Kabi Kazi Nazrul Islam University, Bangladesh

Lunch and Prayer Break: 01:20 pm - 02:30 pm

Parallel Sessions Two: 02:30 pm - 03:30 pm

Theme: Constitutional Dynamics: Exploring Awareness, Equity, and Freedom of Expression in Bangladesh

Venue: Administrative Building, Conference Room

Session Chair: Prof. Dr. Md. Anisur Rahman, Department of Law, University of Rajshahi

Paper ID	Title
L-20	Awareness about the Constitution of Bangladesh: An Empirical Study on the Secondary and Tertiary Level Students in Mymensingh District
L-35	Law and Economics of Positive Discrimination Under Constitution: Bangladesh Context
L-43	Meme Culture in Bangladesh: “My Right Ends Where Yours Begin,” From Freedom of Expression to Undesirable Consequences in Digital Age.

Parallel Sessions Three: 03:45 pm - 04:45 pm

Theme: Navigating Economic Practices, Patent issues in Public Health, and Cybersecurity in Bangladesh

Venue: Administrative Building, Conference Room

Session Chair: Prof. Dr. Nakib Muhammad Nasrullah, Department of Law, University of Dhaka

Paper ID	Title
L-4	The Unsupervised Business Practices Through Online Market Platforms Causing Barriers to Sustainable Economic Growth: Need for Legal Reforms
L-22	Pharmaceutical Patents under the TRIPS Agreement and Its Potential to Protect Public Health during Pandemic in Bangladesh
L-27	Combating Cybercrime in The Financial Sector: A Study on Problems, Preventions, and Cyber Laws of Bangladesh

Prayer and Tea Break: 04:45 pm - 05:15 pm



Parallel Sessions Four: 05:15 pm - 06:15 pm

Theme: Empowering Women: Legal Perspectives on Trafficking, Rights, Technology, and Social Norms in Bangladesh

Venue: Administrative Building, Conference Room

Session Chair: Professor Dr. Md. Anisur Rahman, Department of Law, University of Rajshahi

Paper ID	Title
L-6	Laws Relating to Women Trafficking in Bangladesh: A Comparative Study with SAARC Countries
L-29	Protecting Women's Rights: "The Role of Alternative Dispute Resolution in Bangladesh
L-36	Technology Facilitated Violence Against Women in Bangladesh
L-41	Misconception of Dowers: An Evil Exercise Which Leads to an Unethical Burden to a Man

Day Two, Tuesday, 6 June 2023

Keynote Talk: A Roadmap towards Smart Bangladesh: Exploring Malaysia's Path to Smart Cities Aspiration

Speaker: Dr. Hartini Saripan, Universiti Teknologi MARA, Malaysia

Chair: Prof. Dr. SM Masum Billah, Dean, Faculty of Law, Jagannath University

Time: 10:00 am – 10:50 am; **Venue:** Administrative Building, Conference Room

Parallel Sessions Five: 12:00 pm - 01:00 pm

Theme: Safeguarding Nature and Advancing Legal Technology: Exploring Environmental Laws, AI, and Ecocide in Bangladesh

Venue: Administrative Building, Conference Room

Session Chair: Prof. Dr. SM Masum Billah, Dean, Faculty of Law, Jagannath University

Paper ID	Title
L-08	A Study on The Effectiveness of Environmental Laws in Bangladesh in Protecting the Country's Natural Resources
L-25	Ecocide Laws: A New tool to Environmental Justice
L-07	Role Of Artificial Intelligence in Law and Legal Technology
L-33	Using Artificial Intelligence (AI) to enhance smooth legal operations: Potentials and Challenges

Lunch and Prayer Break: 01:00 pm - 02:00 pm

Parallel Sessions Six: 02:00 pm - 03:00 pm

Theme: Examining the Complexities of Bangladesh's Digital Security Act and Its Impact on Expression and Privacy

Venue: Administrative Building, Conference Room

Session Chair: Dr. Md. Raziur Rahman, Dean, Faculty of Law, BSMRSTU, Gopalganj

Paper ID	Title
L-14	Freedom of Expression and the Digital Security Act, 2018: Achievements and Complexities in Smart Bangladesh
L-28	Controlling Online Content: How the Digital Security Act 2018 Limits Freedom of Expression under Article 39 of the Bangladesh Constitution
L-40	The Impact of Government Surveillance on Individuals Right to Privacy and Freedom of Expression in Bangladesh

Tea Break: 3:00 pm - 3:15 pm

Parallel Sessions Seven: 03:15 pm - 04:15 pm

Theme: Exploring Legal Reforms in Bangladesh: Perspectives on Land Digitalization, Arrest and Detention, and Pecuniary Matters

Venue: Administrative Building, Conference Room

Session Chair: Professor Dr. S M Masum Billah, Dean, Faculty of Law, Jagannath University

Paper ID	Title
L-5	Challenges and Prospects of Digitalization of Land Documents in Reducing Land-related Cases in Bangladesh
L-10	Arrest and Detention under Code of Civil Procedure: A Critique
L-19	Revisiting Major Legal Provisions Regarding Pecuniary Matters in Bangladesh

Closing and Award-giving Ceremony: 04:30 pm - 06:00 pm