



**Detailed Program Schedule for
the Technical Sessions of
The 24th International Conference on Computer
and Information Technology
ICCIT 2021, NSU**



Session 1.1 (19/12/2021) No of papers (6)	<p style="text-align: center;">Computer Vision (CV – I) Host: Dr. Shafin Rahman, Ms. Silvia Ahmed, Ahmed Fahmin Zoom Link: https://zoom.us/j/97850276503?pwd=REhKzBidDYxZkFMcW5sZz09 Zoom ID: 978 5027 6503 Password: 829488 Live Broadcast on : https://www.facebook.com/ICCITNSULiveFeed01/ Session Chairs: Prof. Dr. Mohammad Shorif Uddin, CSE, JU; Prof. Dr. Md. Al Mamun, CSE, RUET</p>		
Time	Paper ID	Paper Title	Author(s)
9:00 - 9:15	57	Automatic identification of malaria-infected cells using deep convolutional neural network	Bahauddin Taha and Fahmida Rahman Liza
9:15 - 9:30	58	Demystify the Black-box of Deep Learning Models for COVID-19 Detection from Chest CT Radiographs	Md Nazmul Islam, Mehedi Hasan, Abdul Kadar Muhammad Masum, Md Zia Uddin and Md. Golam Rabiul Alam
9:30 - 9:45	65	BottleNet18: Deep Learning-Based Bottle Gourd Leaf Disease Classification	Md. Awlad Hossen Rony, Kaniz Fatema and Md. Zahid Hasan
9:45 - 10:00	112	CNN Modeling for Recognizing Local Fish	Ashif Raihan, Md. Zahed Hossain Monju, Md. Mehedi Hasan, Md. Tarek Habib, Md. Ismail Jabiullah and Mohammad Shorif Uddin
10:00 - 10:15	186	Application of Chrominance Based rPPG in Estimation of Heart Rate from Video Signal	A.H.M. Zaidul Karim, Md. Sazal Miah, G. R. Ahmed Jamal, Rafatul Alam Fahima and Muhammad Towhidur Rahman
10:15 - 10:30	188	Improving Performance of a Pre-trained ResNet-50 Based VGGFace Recognition System by Utilizing Retraining as a Heuristic Step	Md. Mehedi Hasan, Md. Ali Hossain, Azmain Yakin Srizon, Abu Sayeed, Mohiuddin Ahmed and Md Rakibul Haque

<p>Session 1.2 (19/12/2021)</p> <p>No of papers (5)</p>	<p align="center">Natural Language Processing (NLP – I) Host: Dr. Sifat Momen, Dr. Nabeel Mohammed Zoom Link: https://zoom.us/j/99488939934?pwd=U2RhUms4VmN1dDVhUS82WVFYTkpLdz09 Zoom ID: 994 8893 9934 Password: 054313 Live Broadcast on: https://www.facebook.com/24th-ICCIT-2021NSU-Livefeed02-106306201880779/</p> <p align="center">Session Chairs: Prof. Dr. Syed Akhter Hossain, CSE, ULAB; Prof. Dr. Mohammad Nurul Huda, CSE, UIU</p>		
Time	Paper ID	Paper Title	Author(s)
9:00 - 9:15	66	Multitask Learning as Question Answering with BERT	Shishir Roy, Nayeem Ehtesham, Md. Saiful Islam and Sabir Ismail
9:15 - 9:30	67	Augmenting BERT with CNN for Multiple Choice Question Answering	Shishir Roy, Nayeem Ehtesham, Md. Saiful Islam and Marium-E Jannat
9:30 - 9:45	68	Identifying Author in Bengali Literature by Bi-LSTM with Attention Mechanism	Ibrahim Al Azhar, Sohel Ahmed, Md. Saiful Islam and Aisha Khatun
9:45 - 10:00	78	Image Tagging by Fine-tuning Class Semantics Using Text Data from Web Scraping	Mehedi Hasan Bijoy, Nirob Hasan, Md.Tahrim Faroque Tushar and Shafin Rahman
10:00 - 10:15	94	Hybrid Feature Vector Space based Ensemble Machine Learning Approach for Sentiment Analysis on Amazon Product Reviews	Md. Nazmul Islam and Md. Mahmudul Hasan

<p>Session 1.3 (19/12/2021)</p> <p>No of papers (6)</p>	<p align="center">Computer Networks Security and IoT (CNSI-I) Host: Dr. Rajesh Palit, Dr. Tanzilur Rahman, Dr. Atiqur Rahman Zoom Link: https://zoom.us/j/98431570204?pwd=bW5obVRYeDQyZ0NoUGd1K3FTN3lYZz09 Zoom ID: 984 3157 0204 Password: 242396</p> <p align="center">Live Broadcast on : https://www.facebook.com/ICCITNSULiveFeed03/</p> <p align="center">Session Chairs: Prof. Dr. Salekul Islam, CSE, UIU; Prof. Dr. Muhammad Aminul Haque Akhand, KUET</p>		
Time	Paper ID	Paper Title	Author(s)
9:00 - 9:15	19	A New Watermarking Approach for Ensuring Patient Data Authentication over a Low-quality Communication Environment	Subrata Kumar Das and Mohammad Zahidur Rahman
9:15 - 9:30	45	Comparative Analysis of Churn Predictive Models and Factor Identification in Telecom Industry	Ayesha Siddika, Aifa Faruque and Abdul Kadar Muhammad Masum
9:30 - 9:45	109	Assessment of Rehabilitation Exercises from Depth Sensor Data	Shehzan Haider Chowdhury, Murshed Al Amin, A K M Mahbubur Rahman, M Ashraful Amin and Amin Ahsan Ali
9:45 - 10:00	118	A Novel Recovery Process in Timelagged Server using Point in Time Recovery (PITR)	Md. Anower Hossain, Md. Imrul Hasan, Md Rashedul Islam and Nadeem Ahmed
10:00 - 10:15	134	An Offline Writer-independent Signature Verification System using AutoEmbedder	Zabir Mohammad, Israt Jahan, Md. Mohsin Kabir, M. Ameer Ali and M. F. Mridha
10:15 - 10:30	253	Feature and Performance Based Comparative Study on Serverless Frameworks	Sabiha Nasrin, T.I.M. Fahim Sahryer, A. B. M. Alim Al Islam and Jannatun Noor

<p>Session 1.4 (19/12/2021)</p> <p>No of papers (6)</p>	<p align="center">Computer and Mobile Applications (CMA – I) Host : Dr. Nafisa Noor, Md. Naqib Imtiaz Hussain, Shahriar Hussain Zoom Link: https://zoom.us/j/92033341534?pwd=TmVxai92RmJtNk55aUx0Yk5BSEo2dz09 Zoom ID: 920 3334 1534 Password: 090480 Live Broadcast on : https://www.facebook.com/24th-ICCIT-2021NSU-LiveFeed04-113095174521805</p> <p align="center">Session Chairs: Prof. Dr. Md. Faruk Hossain, RUET; Prof. Dr. Md. Mamun-Or-Rashid, CSE, Dhaka University</p>		
Time	Paper ID	Paper Title	Author(s)
9:00 - 9:15	190	Modeling Pedagogical Learning Environment with Hybrid Model based on ICT	Al Maruf Hassan
9:15 - 9:30	226	Prediction on Intent Classification of Java and C# Web queries using Semi-supervision	Md. Ashfaqul Haque, Israt Jahan Dristy, Mohammad Tariqul Islam Tuhin, Ali Hossain Sagar and Jayed Mohammad Barek
9:30 - 9:45	232	Development of Web-Based System for Essential Services During the COVID-19 Pandemic	Mohammad Monirujjaman Khan, Md. Hafizur Rahman and Eshan Barua
9:45 - 10:00	238	Comparative analysis of 6 programming languages based on readability, writability and reliability	Zahin Ahmed, Farishta Jayas Kinjol and Ishrat Jahan Ananya
10:00 - 10:15	251	Towards the Development of a Common Platform for Pharmacists and Medicine Companies	Mohammad Monirujjaman Khan, Nahid Hasan, Md. Talat Mahmud, Mahedi Hassan Pranto, Istiaqqe Istiaqqe and Shariar Mahmud Duke
10:15 - 10:30	257	Synthesis of User-Level 3D Head Avatar from Smartphone Video for Virtual Reality	Md Mushfiqur Rahman and Dr. S. M. Mahbubur Rahman

<p>Session 2.1 (19/12/2021)</p> <p>No of papers (5)</p>	<p align="center">Computer Networks Security and IoT (CNSI-II) Host : Dr. Ahsanur Rahman, Dr. Ziaul Hossain, Mirza Mohammad Lutfel Elahi Zoom Link: https://zoom.us/j/93196773672?pwd=QXh6anhCY29pUmUrM0IRbXdPNnhGQT09 Zoom ID: 931 9677 3672 Password: 855150</p> <p align="center">Live Broadcast on : https://www.facebook.com/ICCITNSULiveFeed01/</p> <p align="center">Session Chairs: Prof. Dr. Md. Mahbubur Rahman, CSE, MIST; Associate Prof. Mr. Mohammad Moinul Hoque, CSE, AUST</p>		
Time	Paper ID	Paper Title	Author(s)
10:30 - 10:45	168	A Decentralized Marketplace Application based on Ethereum Smart Contract	Ummay Kulsum Shakila and Sadia Sultana
10:45 - 11:00	199	Credit card fraudulence detection using Salient Feature Extraction Technique with Adaptive Synthetic Oversampling Models	Md. Kaviul Hossain, Piash Paul and Anika Tasmim Promi
11:00 - 11:15	233	Toxic Gas Sensor and Temperature Monitoring in Industries using Internet of Things (IoT)	Mohammad Monirujjaman Khan and Sayeda Islam Nahid
11:15 - 11:30	247	Securing Ride-Sharing Service Using IPFS and Hyperledger Based On Private Blockchain	Md.Shajjed Hossan, Mst. Lelana Khatun, Shadia Rahman, Saha Reno and Mamun Ahmed
11:30 - 11:45	261	IoT Based Smart Home: A Machine Learning Approach	Md. Kamal Ibn Shafi, Md. Rakibuz Sultan, Sheikh Md. Mushfiqur Rahman and Md. Moinul Hoque

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Session 2.2 (19/12/2021) No of papers (4)	Wireless Communication (WL – I) Host: Dr. Shohana Deeba, Ms. Tanjila, Farah, Ms. Ashfia Binte Habib Zoom Link: https://zoom.us/j/98309758234?pwd=Ym1DZ1dFbkt2QUNiUHBhQXhkT05qUT09 Zoom ID: 983 0975 8234 Password: 760085 Live Broadcast on: https://www.facebook.com/24th-ICCIT-2021NSU-Livefeed02-106306201880779/ Session Chairs: Prof. Dr. Shahriar Khan, Professor, EEE Dept., IUB; Prof. Dr. Md. Shariful Islam, Professor, IIT, DU		
Time	Paper ID	Paper Title	Author(s)
10:30 - 10:45	13	Design of Wearable Microstrip Patch Antenna for Wireless Body Area Network	Umme Afruz and Md. Ahasan Kabir
10:45 - 11:00	136	A Fast Charging Icon-shaped Slotted Patch Antenna for Bluetooth/Wi-Fi/WiMAX Applications	Liton Chandra Paul, Sarker Saleh Ahmed Ankan, Sk. A. Shezan, Md. Zulfiker Mahmud and Md. Samsuzzaman
11:00 - 11:15	140	An Omni-directional Novel-shaped Patch Antenna with a Parasitic Element for 5G Communication	Liton Chandra Paul, Golam Arman Shaki, Md. Fatin Ishraque, Papon Kumar Paul and Md. Samsuzzaman
11:15 - 11:30	258	Broadband Corrugated Modified Vivaldi Antenna for Microwave based Imaging Applications	Md Samsuzzaman, Md. Siam Talukder, Liton Chandra Paul, Md Abdul Masud, Rezaul Azim and Md Moniruzzaman

<p>Session 2.3 (19/12/2021)</p> <p>No of papers (3)</p>	<p>VLSI and Electronic Circuits (VEC – I) Host: Dr. Md. Shahriar Karim, Dr. Riasat Khan, Mr. Intisar Tahmid Naheen</p> <p>Zoom Link: https://zoom.us/j/97349978699?pwd=ZDIRUFJxcUhmejhwcVI2RWxFbVRhdz09</p> <p>Zoom ID: 973 4997 8699 Password: 803189</p> <p>Live Broadcast on: https://www.facebook.com/ICCITNSULiveFeed03/</p> <p>Session Chairs: Prof. Dr. A. K. M. Baki, EEE, AUST</p>		
Time	Paper ID	Paper Title	Author(s)
10:30 - 10:45	14	Design and Implementation of IoT based Smart Home Automation System	Sanzid Hossain Tayef, Md. Muhidur Rahman and Md. Abu Bakkar Sakib
10:45 - 11:00	18	IoT-Based Smart Home Automation Using NodeMCU: A Smart Multi-Plug with Overload and Over Temperature Protection	Md. Ibne Joha and Md. Shafiul Islam
11:00 - 11:15	51	IRFD: A Feature Engineering based Ensemble Classification for Detecting Electricity Fraud in Traditional Meters	Md. Zesun Ahmed Mia, Md. Moinul Islam, Monjurul Haque, Saiful Islam and S.M.A. Mohaiminur Rahman

<p>Session 3.1 (20/12/2021)</p> <p>No of papers (5)</p>	<p align="center">Signal and Image Processing (SIP – I) Host: Dr. Shohana Deeba, Ms. Tanjila, Farah, Ms. Ashfia Binte Habib Zoom Link: https://zoom.us/j/97128221228?pwd=S1ZramZUWFZOTTIZVGR5WU1XRVZldz09 Zoom ID: 971 2822 1228 Password: 697440</p> <p align="center">Live Broadcast on : https://www.facebook.com/ICCITNSULiveFeed01/</p> <p align="center">Session Chairs: Prof. Dr. Mohammad Zahidur Rahman, CSE, JU; Prof. Dr. Khademul Islam Molla, CSE, Rajshahi University</p>		
Time	Paper ID	Paper Title	Author(s)
1:30 - 1:45	92	Image Steganography System based on Hybrid Edge Detector	Habiba Sultana and Ahm Kamal
1:45 - 2:00	105	Bangla Optical Character Recognition (OCR) Using Deep Learning Based Image Classification Algorithms	Nadim Mahmud Dipu, Sifatul Alam Shohan and K. M. A. Salam
2:00 - 2:15	122	An Improved Diabetic Retinopathy Image Classification by Using Deep Learning Models	Jannatul Naim, Zahid Hasan, Md. Niajul Haque Pradhan and Shamim Ripon
2:15 - 2:30	155	Folded-PCA Based Hybrid Dimension Reduction for Effective Classification of Hyperspectral Image	Sadia Zaman Mishu, Md. Al Mamun and Md. Ali Hossain
2:30 - 2:45	245	Exploring Spectral and Spatial Features Using a Hybrid Approach Combining Stacked AutoEncoder and a Novel Convolutional Neural Network for Hyperspectral Image Classification	Md Rakibul Haque, Azmain Yakin Srizon and Md. Al Mamun

<p>Session 3.2 (20/12/2021)</p> <p>No of papers (5)</p>	<p>VLSI and Electronic Circuits (VEC – II) Host: Dr. Md. Shahriar Karim, Dr. Riasat Khan, Mr. Intisar Tahmid Naheen Zoom Link: https://zoom.us/j/96003309841?pwd=UXZCbGUxNitnc1ZsMkRDNG8rSk1Jdz09 Zoom ID: 960 0330 9841 Password: 817595 Live Broadcast on : https://www.facebook.com/24th-ICCIT-2021NSU-Livefeed02-106306201880779/ Session Chairs: Prof. Dr. Arshad M. Chowdhury, Brac University; Prof. Dr. Md. Nawab Yousuf Ali, CSE, EWU</p>		
Time	Paper ID	Paper Title	Author(s)
1:30 - 1:45	79	Design of a Robust Integral Sliding Mode Controller Considering Continuous Function-Based Fast Power Reaching Law for DC Microgrids	Tithi Rani and Tushar Kanti Roy
1:45 - 2:00	99	Analyzing the effect of feature mapping techniques along with the circuit depth in quantum supervised learning by utilizing quantum support vector machine	Muhammad Minoar Hossain, Mohammed Sowket Ali, Reshma Ahmed Swarna, Md. Mahmodul Hasan, Nahida Habib, Md. Wahidur Rahman, Mir Mohammad Azad and Mohammad Motiur Rahman
2:00 - 2:15	156	Design of Low-Cost Smart Safety Vest for the Prevention of Physical Abuse and Sexual Harassment	Kazi Turjo, Partho D'costa, Surjo Bhowmick, Asadullah Galib, Sami Raian, Mst. Akter, Nova Ahmed and M.R.C. Mahdy
2:15 - 2:30	185	Deep Neural Network Based Controller Design for Improved Trajectory Tracking of Quadrotor Unmanned Aerial Vehicles	Hasan Bin Firoz and Nawshin Mannan Proma
2:30 - 2:45	194	SoftCPU: A flexible and simple CPU design in FPGA for educational purpose	Md. Sabbir Hossain Polak

<p>Session 3.3 (20/12/2021)</p> <p>No of papers (6)</p>	<p>Computer Vision (CV – II) Host: Dr. Shafin Rahman, Ms. Silvia Ahmed, Ahmed Fahmin</p> <p>Zoom Link: https://zoom.us/j/99340168652?pwd=SUg5ZGNhdk9aa0M1TGw2MmpZRvQ2QT09</p> <p>Zoom ID: 993 4016 8652 Password: 717053</p> <p>Live Broadcast on : https://www.facebook.com/ICCITNSULiveFeed03/</p> <p>Session Chairs: Prof. Dr. Lafifa Jamal, Department of Robotics and Mechatronics Engineering, University of Dhaka; Prof. Farah Jahan, Professor, Chittagong University</p>		
Time	Paper ID	Paper Title	Author(s)
1:30 - 1:45	210	Music Suggestions from Determining the Atmosphere of Images	Saiful Islam Sohel, Chinmoy Mondol, Hassan Shahriar Ayon, Urmi Tasmim Islam and Md. Kishor Morol
1:45 - 2:00	212	Application of Feature based Face Detection in Adaptive Skin Pixel Identification Using Signal Processing Techniques	A.H.M. Zaididul Karim, Md. Sazal Miah, G. R. Ahmed Jamal, Nusrat Jahan, Rafatul Alam Fahima and Muhammad Towhidur Rahman
2:00 - 2:15	240	A Deep Neural Network for Multi-class Dry Beans Classification	Md. Mahadi Hasan, Muhammad Usama Islam and Muhammad Jafar Sadeq
2:15 - 2:30	241	A Multiple-Input Based Convolutional Neural Network in Breast Cancer Classification from Histopathological Images	Mohiuddin Ahmed and Md. Rabiul Islam
2:30 - 2:45	244	Low Resolution Hand Gestures Recognition of Bengali Sign Alphabet by Using a Convolutional Neural Network	Azmain Yakin Srizon, Md. Ali Hossain and Md Rakibul Haque
2:45 - 3:00	268	High Precision Eye Tracking Based on Electrooculography (EOG) Signal Using Artificial Neural Network (ANN) For Smart Technology Application	Md. Mahtab Alam, Md. Mohsin Sarker Raihan, Mubtasim Rafid Chowdhury and Abdullah Bin Shams

<p>Session 3.4 (20/12/2021)</p> <p>No of papers (6)</p>	<p align="center">Machine Intelligence (MI – I) Host : Dr. Rajesh Palit, Dr. Tanzilur Rahman, Dr. Atiqur Rahman Zoom Link: https://zoom.us/j/93002837912?pwd=MnRKNW44T3lw a0xZSjdVVkhvenRyQT09 Zoom ID: 930 0283 7912 Password: 227037 Live Broadcast on : https://www.facebook.com/24th-ICCIT-2021NSU-LiveFeed04-113095174521805</p> <p align="center">Session Chairs: Prof. Dr. Md Moshiul Hoque, CUET, Prof. Dr. Engr. Muhibul Haque Bhuyan, EEE, Southeast University;</p>		
Time	Paper ID	Paper Title	Author(s)
1:30 - 1:45	12	Sentiment Analysis applying the Big 5 and Polarity on the ICC's Top ODI All-Rounders based on Twitter	Mimun Barid, Shahadat Hossain, Md. Mahmudur Rahman and Md. Manzurul Hasan
1:45 - 2:00	35	Handling Imbalanced Data for Credit Card Fraud Detection	Istiaq Ahmed Mondal, Md. Enamul Haque, Al-Maruf Hassan and Swakkhar Shatabda
2:00 - 2:15	46	Exploring Causal Effect of Personal Financial Activities by Social Media Influences	Rubayea Ferdows, Fuad Ahmed, Md Rafiqul Islam and Abu Raihan M. Kamal
2:15 - 2:30	64	An ensemble learning based approach to autonomous COVID-19 detection using transfer learning with the help of pre-trained models	Faiza Anan Noor, Ishrakul Munzerin, A.M Asif Iqbal, Tanima Islam and Emam Hossain
2:30 - 2:45	85	Automated Hand Gesture Recognition Using Machine Learning	Mayeesha Mahzabin, Mahmudul Hasan, Sabrina Nahar and Mosabber Uddin Ahmed
2:45 - 3:00	119	Machine Learning Techniques to Precaution of Emerging Disease in the Poultry Industry	Muhtasim Shafi Kader, Fizar Ahmed and Jobeda Akter

<p>Session 4.1 (20/12/2021)</p> <p>No of papers (6)</p>	<p align="center">Machine Intelligence (MI – II)</p> <p align="center">Host : Dr. Nafisa Noor, Md. Naqib Imtiaz Hussain, Shahriar Hussain</p> <p align="center">Zoom Link: https://zoom.us/j/98280457560?pwd=TUtPK3hPTm94MU16VmFtL2J5Y1pUdz09</p> <p align="center">Zoom ID: 982 8045 7560 Password: 026196</p> <p align="center">Live Broadcast on : https://www.facebook.com/ICCITNSULiveFeed01/</p> <p align="center">Session Chairs: Prof. Dr. Abu Sayed Md. Latiful Hoque, CSE, BUET; Professor Dr. Md. Raju Ahmed, DUET</p>		
Time	Paper ID	Paper Title	Author(s)
3:00 - 3:15	161	Identification of Autism Spectrum Disorder through Feature Selection-based Machine Learning	Marian Binte Mohammed, Lubaba Salsabil, Mahir Shahriar, Sabrina Sultana Tanaaz and Ahmed Fahmin
3:15 - 3:30	173	Risk Prediction of COVID-19 Positive Patients: How well does the machine learning tools perform?	Md. Muhaimenur Rahman and Sarnali Basak
3:30 - 3:45	198	An Improved K-means Clustering Algorithm for Multi-dimensional Multi-cluster data Using Meta-heuristics	Faisal Bin Ashraf, Abdul Matin, Md. Shafiur Raihan Shafi and Muhammad Usama Islam
3:45 - 4:00	266	Prediction Model for Mortality Analysis of Pregnant Women Affected With COVID-19	Quazi Adibur Rahman Adib, Sidratul Tanzila Tasmi, Md. Shahriar Islam Bhuiyan, Md. Mohsin Sarker Raihan and Abdullah Bin Shams
4:00 - 4:15	269	A Comprehensive Framework for Superstore Business with Employing Effective Clustering Techniques	Rezwana Mahfuza, Rafsan Shartaj Uddin, Yeaminur Rahman and Md. Abdul Hai
4:15 - 4:30	270	Enhancing the Performance of Machine Learning Classifiers by Hyperparameter Optimization in Detecting Anxiety Levels of Online Gamers	Ahnaf Akif Rahman, Lamim Ibtisam Khalid, Muntequa Imtiaz Siraji, Mirza Muntasir Nishat, Fahim Faisal and Ashik Ahmed

<p>Session 4.2 (20/12/2021)</p> <p>No of papers (6)</p>	<p align="center">Natural Language Processing (NLP – II) Host: Dr. Sifat Momen, Dr. Nabeel Mohammed</p> <p align="center">Zoom Link: https://zoom.us/j/99536880044?pwd=U1RnTTdvRERoK0tSaTQ0MHVmUXc4dz09 Zoom ID: 995 3688 0044 Password: 330220 Live Broadcast on : https://www.facebook.com/24th-ICCIT-2021NSU-Livefeed02-106306201880779/</p> <p align="center">Session Chairs: Prof. Dr. Kazi Md. Rokibul Alam, CSE, KUET; Dr. Muhammad Golam Kibria, ULAB</p>		
Time	Paper ID	Paper Title	Author(s)
3:00 - 3:15	98	Sentiment Analysis on Bengali Movie Reviews using Multinomial Naïve Bayes	Rifat Rahman, Md Abdul Masud, Raonak Jahan Mimi and Mst. Nusrat Sultana Dina
3:15 - 3:30	154	Pointer over Attention: An Improved Bangla Text Summarization Approach Using Hybrid Pointer Generator Network	Nobel Dhar, Gaurob Saha, Prithwiraj Bhattacharjee, Avi Mallick and Md Saiful Islam
3:30 - 3:45	193	A Comparative Study of Different Text Classification Approaches for Bangla News Classification	Kamrus Salehin, M. Kaosar Alam, Md. Ashifun Nabi, Fahim Ahmed and Faisal Bin Ashraf
3:45 - 4:00	207	Classification of Food Reviews from Bengali Text using LSTM	Md. Muhaiminul Islam, Tazrina Haque Mohana and Lamia Rukhsara
4:00 - 4:15	211	Social Media Opinion Mining Based on Bangla Public Post of Facebook	Shad Al Kaiser, Sudipta Mandal, Ashraful Kalam Abid, Ekhfa Hossain, Ferdous Bin Ali and Intisar Tahmid Naheen
4:15 - 4:30	248	Toxicity Classification on Music Lyrics Using Machine Learning Algorithms	Md Abdus Salam Siddique, Md Imran Sarker, Robin Ghosh and Kamal Gosh

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<p>Session 4.3 (20/12/2021)</p> <p>No of papers (6)</p>	<p align="center">Algorithm (AL – I) Host : Dr. Ahsanur Rahman, Dr. Ziaul Hossain, Mirza Mohammad Lutfel Elahi Zoom Link: https://zoom.us/j/96301917546?pwd=NHhEcjNrbUNBd0xISFhWnXQ1RUprUT09 Zoom ID: 963 0191 7546 Password: 685946</p> <p align="center">Live Broadcast on : https://www.facebook.com/ICCTNSULiveFeed03/</p> <p align="center">Session Chairs: Prof DR. MD. Ekramul Hamid, Professor, Computer Science & Engineering, Rajshahi University; Prof. Dr. A.K.M. Ashikur Rahman, CSE, BUET</p>		
Time	Paper ID	Paper Title	Author(s)
3:00 - 3:15	15	SSGTA: A Novel Swap Sequence based Game Theory Algorithm for Traveling Salesman Problem	Abu Saleh Bin Shahadat, Safial Islam Ayon and Most. Rokeya Khatun
3:15 - 3:30	25	A Framework for Multi-party Skyline Query Maintaining Privacy and Data Integrity	Dola Das, Kazi Md. Rokibul Alam and Yasuhiko Morimoto
3:30 - 3:45	123	Analysis and Prediction of Gold Price using CNN and Bi-GRU based Neural Network Model	Md. Masum Billah and Sunanda Das
3:45 - 4:00	138	Lane Detection for Autonomous Vehicle Management : PHT Approach	Md Naimur Rahaman, Md Shovon Biswas, Sudipto Chaki, Md. Mamun Hossain, Shamim Ahmed and Milon Biswas
4:00 - 4:15	177	Costs Technique for Analysis Attacks Graphs in Computer Systems	Narimane Bair, Lamia Hamza and Lilia Ouali
4:15 - 4:30	215	The Eigenvalue Distribution of Hankel Matrix: A Tool for Spectral Estimation From Noisy Data	Ahsanul Islam, Md. Rakibul Hasan, Md Zakir Hossain and Md. Mahbub Hasan