

## APPENDIX C

### RESEARCH AND DEVELOPMENT PROJECTS

Faculty members and students of University of Asia Pacific are dedicated for their research and development projects and a number of quality papers have been published in different international conferences at home and abroad. Some of the undergraduate projects are mentioned below:

Topics	Done By	Supervisor
Study of Computer Network Security	Sk. Mohammad Ali, Muhammad Anwar Hossain	Professor Dr. Md. Shamsul Alam
Study and Analysis of Transmission Control Protocol (TCP)	Md. Robiul Islam, Md. Akhter Hasan, Shammi Akhtar, Husna Sheherzad	Professor Dr. Md. Shamsul Alam
Error Detection, Error Correction & Error Control in Communication.	Md. Sohel Rana, Kazi Krizaur Rashid, Mamun Al Murshed Chowdhury, Md. Jakat Uddin Khan	Professor Dr. Md. Shamsul Alam
Minimization' of PLA's for Multiple-Output Functions Using Modified Outline-: Mccluskey Method	Md. Shahed Alamgir, Shakila Rahman, Qurratui Aine, Md. Ashraful Islam	Dr. Hafiz Md. Hasan Babu
Design an Expert System of Medical Diagnosis	Kazi Tamarra Kabir, A.T.M. Nazmus Saquib, Md. Abir Hossain, Md. Nur-E-Alam Siddiquey	Mohsin Uddin Anwar
Bangla Character Recognition	Suppama Das Gupta, Mihir Kanti Paul, M. Azimur Rahman	Md. Monzur Morshed
Development of Multimedia System and Indexing of Multimedia Database "Amar Ekushey"	Mohammad Rashidul Hasan, Syed Yaminul Haque, Alamgir Kabir Rony, K. M. Kammnnahar	Engineer Mujibur Rahman
Network Database System Design and Development – A Case Study for BARI	Sheikh Golam Muhammod, Jayanta Kumar Karmakar, Sajib Kumar Banik, Md. Atiquer Rahman, Zakir Hossain, K. M. Kabir Hossain	Dr. M. Lutfar Rahman & Mr. Aloke Kumar Saha.
Web Based Directory Service	Abul Basher Mohammad-Mominull Bari, Samrat Moshir Rahman, Amirul Ahsan Rajib, Mahfuja Akter, Fahima Akhter	Md. Ibrahim Faisal
Development of Information Management System	Md. Ashiqur Rahman, Md. Anisur Rahman Chowdhury, Mohammad Sedratui Amin	Mohd. Moniruzzaman
Analysis with Optical Mark Recognition and Design of a Practical Approach	Md. Istiaque Hossain, Khan Mohummad Kaisar, Shahriar Ahmmed Chowdhury	Mohsin Uddin Anwar
Expert System Using clustering Technique and Belief Network	A.T.M.Enamul Haque, A.M.Atiqul Alam, S. M. Atiqul	Md Asifur Rahman

	Alam	
Study and Analysis of Different Data Compression Techniques	Mohammed Shamsuzzoha, Sayeda Nasreen Jahan, Anjama Roy	Manoj Banik
Study on Data Mining	Mohammed Mahbubul Haque, Md. Shamim Sultan, A.K.M. Hasan Mahbub, Md. Towhidul Haque	Md Ashraf Uddin Bhuiyan
Inventory Control System	Md Anisur Rahman, Nasrin Akter, Erfan Ahmed	Aloke Kumar Saha
Automation of Banking Using Client Server database System with Hardware Security	A.S.M. Ahasanul Alam, Arefa Akhter Nila, Deena Andaleeb Shahabuddin, A.M. Faisal Rahman	Abu Shamim Md. Arif
Design and Implementation of 4-Bit Single Board Computer.	Mahjabeen Sumaiya Sultana, Mustafijur Rahman, Md. Lutfar Rahman	Md. Moniruzzaman
Bangla Voice Synthesis	Md. Heherul Karim, Rownak Ara Chowadhury, Md. Aatur Rahman, Md. Golam Arefm	Ahmed Yousuf Saber
A Computer Based Temperature Monitoring System Using Thermocouple	Md. Nazim Uddin, Md. Ershadur Rahman, Sheikh Saem Fredous	Ahmed Yousuf Saber
Image Compression Using Clustering Method	Syed Jubair Ali Mahbub, Mohammad Tariqul Islam, Md. Shanful Islam	Ahmed Yousuf Saber
A Computer Based Temperature Monitoring System Using Diode	Md. Asrafuddin Mazumder, Mohammad Akkas Ali, S.M. Meshbahul Alam	Ahmed Yousuf Saber
Microcomputer Based High Frequency Signal Display	Md. Imran Khan, Kazi Tareen Wali, Md. Mostafizur Rahman, Mst. Shafinaz Khatun	Ahmed Yousuf Saber
Implementation of Clustering and Comparative Study of Supercomputer	Syed Reazul Akbar, Abu Md Fredous	Shaila Rahaman
Automation of Result Processing for University of Asia Pacific	Mohammad Shahidul Haque, Mohammad Kawsar Imam, Mirza Fazla Rabbi, Kamrul Isalm	Md. Iqbal Bahar Chowdhury
CDMA in Mobile Communication	Dhiman Sarma, Subrina Thakur Chaity, Azizul Hoque Bhuyan	Shazzad Hossain
Adaptive Wireless Network	Md. Ariful Haque, Md. Shiful Islam Munadia Choudhury, Masudur Rahim Sayeed	Md. Iqbal Bahar Chowdhury
Study of Algorithm for Automated VLSI Routing using Bend Minimization	Nahid Al Mahmud, Marshal Md Arifur Amran, Md. Tanvir Hassan Maula, Sayeda Afsa Bukhari	Sumon Saha
Dynamic Programming	Mahmud Un Nur Bin Imam, David Thomas Gomes, Md. Rajesh Islam	Manoj Banik

	Firoz Ahmed Bhuyan	
Designing Segments for display of Bangla Digits	Julia Zaffar, Nusrat Adib Chowdhury, Syeda Tasnuva Akhter, Md. Shaifur Rahman	Ahmed Yousuf Saber
Study of Cost-estimation of Software Project	Ferdous Hasan, Muhammad Atiqur Rahman, Mohammad Golam Sohrab, Nadir Muntasir	Md Ibrahim Faisal
Design and Implementation of Algorithm(AI based)	Muhammad Ashrafal Alam, Mohammad Mahbub Hasan, Abdur Rahman, Mohammad Shafiqul Islam	Aloke Kumar Saha
Comparison and Development of Association Rule Algorithms of Data Mining	Rafed Mahbub, Mohammad Abdullah, Mohammad Marufuzzaman Jani, Biplob Kumar Das	Md Ashraf Uddin
Hetero-associative Pattern Recognition	Nusrat Akhter, Md. Abdul Wahed Tomal, Md. Tanvir Hasan Sadia Hafez	Md Moeseeur Rahman
Expert System using clustering technique	Shamim Ara, Nusrat Islam, Rubayat Hasan Malik, Ahmed Shafill Ceder	.Asifur Rahman
Study of Different Crypto systems & implementation of a proposed approach	A.S.M Rashidul Amin, Azim Uddin Sonia Khan sweety , Md. Razaul Karim	Shaila Rahman
Design and implementation of a distributed and parallel computing system using Java RMI	Tahera Jannat, Md. Mahbub Alom, Md. Mahabubor Rashid, S. M. Mahfuzul Hasin	Shaila Rahman
Study of Different Crypto systems & implementation of a proposed approach	A.S.M Rashidul Amin, Azim Uddin Sonia Khan sweety , Md. Razaul Karim	Shaila Rahman
Location Identification in GSM Network using GIS	Sumon Kumar das, A T M Zabidur Rahman, Pabrito Kumar Mollik.	Shaila Rahman
Study on Various Scan Conversion Methods and Design and Implementation of Efficient Scan Conversion Algorithm	Md. Shakil Hossain, Apu Roy, Ruhul Islam, Rezwana Rahman	Aloke Kumar Saha
Design and Implementation of Parallel Algorithms in Java-based Environment - RMI	Syeda Nabila Firdaus, Sajia Afrin, Shanchita Rahman, Syeda Nadia	Shaila Rahman

	Firdaus	
Design and Implementation of E-Voting System by Using J2ME.	Md. Habibur Rahman, Abdulla Hassan Zubair, Nuruzzaman Nahid, Khandokar Sabbir Ahmad, Tufazzal Hassain Suzon	Shaila Rahman
Inventory Control System and Repairing Management System of BASIC Bank	Maharun Nigar, Ishrat Jahan, Shamsul Alam	Aloke Kumar Saha
Developing of Interactive Web Applications Using Servlets	Md. Atikul Islam, Mushfiqur Rahman, Md. Islah Uddin, Shah Md Shamsuddin	Shaila Rahman
Design and Implementation of an Intelligent Robot system	Fiona Avanti Alim, Purnendu Bikash Roy, Samea Akter, Md. Mahtab Hossain Shikdar, Md. Mahmudul Haque	M. Fayyaz Khan
Study on Various Scan Conversion Methods and Design and Implementation of Efficient Scan Conversion Algorithm	Md. Jillur Rahman, Md. Shahrukh Adnan Darul, Md. Mahbubur Rahman, Md. Tasdikuzzoha	Aloke Kumar Saha
Design and Implementation of Bluetooth Enabled Applications using J2ME	Sharmin Alam, Zobaer bin Liaquot, Md. Jeshan Ahammad, Md. Sakil Ahammad	Shaila Rahman
Design and Implementation of an E-Commerce Site for a Virtual Shopping Mall	Md. Rassaduzzaman, Smritee Mohalder	Shaila Rahman
Distributed System	Ahmed Mydul Haque Chowdhury, Md. Kashem Zaman, Md. Mahmudul Haque, Muntasir Al Karim	Abdur Rahim Mutafa
Study the performance of different BT Scheduling Algorithms	Nilufa Yeasmin, Sumi Akhter, A.B.M. Tajmillur Kabir, Md. Kamrul Hasan	Shaila Rahman
Design and Implementation of Bi-directional Heuristic Search Algorithm	Md. Ashraful Alam, Mohammad Mahbub Hasan, Abdur Rahman, Mohammad Shafiqul Islam	Aloke Kumer Saha
Location Management System In GSM	Dipankar Roy, Md. Mahbubur Rahman, Avijit Saha Chowdhury, Milon Kanti Biswas	Shaila Rahman
Design and Implementation of an Intelligent Robot system	Md. Iqbal Hossain, Tanvir Ahmed, Nahida Sultana Chowdhury, Munaha Hosen	M. Fayyaz Khan
Artificial Intelligence	Abdullah Al Zakir, Humaira Sharmin, Sanjeda Ahmed, Md. Saiful Islam	Dr. M Kaykobad
Ticket Booking System Using	Md. Akteruzzaman, Md. Atikur	Dr. Kazi Muheymenus

Mobile Phone	Rahman, Probir Biswas	Sakib.
A Novel Approach of Parallel Downloading in Wireless Network	Kazi Shamsul Arefin	Emdad Ahmed
A New Proposal for Choosing a Deflection Link in a Combination of Store and - Forward and Deflection Network Under Datagram Service	Selvia Belal, Fariha Tamanna, Shakila Shams	Ashis Kumar Biswas
Banking Database System and Development	Salauddin Ahmmed, Giash Uddin Mahmud	Aloke Kumar Saha
Networked Database System Design and Development– A Case Study for BARI	Sheikh Golam Muhammod, Jayanat Kumar Karmakar, Sajib Kumar Bankik, Md. Atiquer Rahman, Zakir Hossain, K.M. Kabir Hossain	M. Lutfar Rahman and Aloke Kumar Saha
Design & Implementation of Container Carrier Robot	A S Zaforullah Momtaz, SM Fuad Hasan	Md.Fayyaz Khan
Study and Development on Linux Operating System	Badiur Rahman, Ashraful Abedin, Mohammad Ali, Nargis Ara Putul	S.M.Salim Reza
Gender Factor Elimination for Speech Recognition with Gender Independent HMM Based Classifier	Abdur Rahman Khan Jihad	Dr.Mohammad Nurul Huda
Inventory Control and Repairing Management System of BASIC Bank & a Final Report of IT Division of BASIC Bank	Maharun Nigar Ishrat Jahan, Shamsul Alam	Aloke Kumar Saha
Towards a Mobile Phone Based Solution for Microcredit in Rural Bangladesh	Masum Ahmed, A.K.M Fahad Aziz, Raj Narayan Saha, Susmita Das, Laila Shamin	Syed Ishtiaque Ahmed
Normal Events Detection from Video Streams	Md. Haris Uddin Sharif	Aloke Kumar Saha
Agile Methodology an Adaptive Software Development Approach	Soumitro Kumar Ghosh	Shamsul Arefeen
Software Risk Management: Importance and Parctices	Abdullah Al Murad Chowdhury	Shamsul Arefeen
Recurrent Neural Network Based Phoneme Recognition	Md. Arifuzzaman	Dr.Mohammad Nurul Huda
Analysis of SCTP Path Estimation in Wireless Network	Tusher Kana Podder	Mohammad Mamun Elahi
A Flexible Resource Management Scheme for Heterogeneous Wirless Networks.	Muhammad Kamrul Hasan	Mohammad Mamun Elahi
Gender Effects Suppression in Bangla ASR by Designing	Md. Abdul Latif	Dr.Mohammad Nurul Huda

Multiple HMM-Based Classifiers		
Utility Based Network Selection in Multipath Wireless Network	Md.Mongul Rayhan	Mohammad Mamun Elahi
Software Performance Testing	Uttam Kumar Ghosh	Shamsul Arefeen
Performance Comparison of TCP and SCTP for Real Time Multimedia	Md.Shohidullah Kaiser	Mohammad Mamun Elahi
Vertical Handover Management Based on Network Interface Ranking	Mosarraf Hossen	Mohammad Mamun Elahi
Software Configuration Management a Process Area of CMMI	Muhammad Ashique-Ur-Rouf	Shamsul Arefeen
Capability Maturity Model Integration (CMMI) and Software Quality Assurance(SQA)	Md. Nazrul Islam	Shamsul Arefeen
Testing Strategy in Capability Maturity Model Integration(CMMI)	Anasis Majumdar	Shamsul Arefeen
Conversion of Bangla Sentences to Universal Networking Language	Md. Rasiduzzaman Rasel	Manoj Banik
Phone Segmentation in Articulator Feature Based Automatic Speech Recognition(ASR) Using Neural Networks	Md. Modasser Hossain	Manoj Banik
Performance Study of Different Cryptographic Algorithms and Implementation of a New Approach.	Ibne Sina Khan, Md. Mehedi Hasan, Md. Muhaimenul Islam, Sayem Mohammed	Shaila Rahman
Study on Various Scan Conversion Methods and Design and Implementation of an Efficient Scan Conversion Algorithm	Md. Jillur Rahman, Md. Shahrukh, Adnan Darul, Md. Mahbubur Rahman, Md. Tasdikuzzoha	Aloke Kumar Saha
Implementation of The AKS Primality Testing Algorithm	Shanjida Ahmed, Homaira Sharmin, Saiful Alam, Abdullah Al Zakir Hossain	Dr. M. Kaykobad
Modified Approach of RFCOMM Implementation to Protect Bluetooth Technology from Bluebug Attach	Hasbiha Hossain	Upama Kabir
Performance Analysis of Integrated Service over Differentiated Service for Next Generation Internet	Shammi Akhtar	Dr. Emdad Ahmed
Study on Various Scan Conversion Methods and Design	Md. Shakil Hossain, Apu Roy, Ruhul Islam, Rezwana Rahman	Aloke Kumar Saha

and Implementation of Effecting Scan Conversion Algorithms		
An Efficient Dynamic Routing Protocol for WSN	Marium Faruque Sharif, Md.Rokonuzzaman, Shalim Ahmed, Monjur-E-Mamwla	Kazi Chandrima Rahman
Design and Implementation of Bi-Directional Heuristic Search Algorithm- a New Approach	Mohammad Abdullah Junayeed, Shantanu Chakraborty, Md.Anwarul Islam, Sk.Md. Munir Hassan	Aloke Kumar Saha
Analysis of SMS Message in GSM Network Implementation of Bulk SMS using PC to Mobile Via Mobile or Modem.	Sumon Sarker, Md.Shafiqur Rahman, Nusrat Sharmeen Khan, Shilpi Sarker, Hasnain Shamim Zaman, Md. Forhad Hossain Miajee	Saila Rahman
Automation of Result Processing	Mohammad Shahidul Haque, Mohammad Kawsar Imam, Mirza Fazla Rahbi, Kamrul Islam	Md. Iqbal Bahar Chowdhury
Expert System Using Clustering Technique and Belief Network	A.T.M. Enamul Haque, S.M.Atiqul Alam, A.N.M. Tawhidur Rahman Chowdhury, A.K.M. Adyl Morshed	Md. Asifur Rahman
Study of Computer Network Security	Sk.Mohammad Ali, Muhammad Anwar Hossain, Mafizul Islam, Shamsul Alam	Dr.Md.Shamsul Alam
Image Compression Using Clustering Method	Syed Jubair Ali Mahbub, Mohammad Tariqul Islam, Md.Shariful Islam	Ahmed Yousuf Saber
Face Detection in Image	Md.Moniruzzaman, Muhammad Abdul Kader Shiplu, Mohammad Saukat Jahan, D.M.Atikur Rahman	Ahmed Yousuf Saber
Traffic Control Over Internet with Differential Services	Umme Salma, Syed Hasnain Ahamed Siddique, Md.Raqibul Alam, Rawshon Masuma Runa	Mahbub Ahmed
Design and Implementation of EPROM, EEPROM and Flash ROM Programmer	Byron Sarker, Mohammad Taslim Anawar, Mohammad Kamrul Hasan, Mohammad Shams Al Hassan	Md. Shamim Akbar
Study on Data Mining	Muhammad Mahbubul Haque, Md.Shamim Sultan, A.K.M. Hasan Mahbub, Md.Towhidul Hoque	Md. Ashraf Uddin Bhuiyan
Flexible Signal Processing Algorithm for Wireless Communication	Md.Tanvir Hossain, Abu Raiban Md.Rahat Hossain, Mohammad Abu Taleb, Shahidul Sarkar	Md. Iqbal Bahar Chowdhury
Bangla Voice Synthesis	Md.Meher Ul Karim, Rownak Ara Chwdhury, Md.Ataur Rahman,	Ahmed Yousuf Saber

	Md.Golam Arefin	
Implementation of Clustering and Comparative Study of Super Computer	Syed Reazul Akbar, Abu Md Ferdous	Shaila Rahman
Design An Expert System Of Medical Diagnosis	Kazi Tamanna Kabir, A.T.M Nazmus Saquib, Md.Abir Hossain, Md.Nur-e-Alam Siddiquey	Mohshin Uddin Anwar
Bangla Character Recognition	Suparna Das Gupta, Mihir Kanti Paul, M.Azimur Rahman	Md. Monzur Morshed
Design And Implementation Of 4-Bit Single Board Computer	Mahjabeen, Sumaiya Sultana, Mustafijur Rahman, Md.Lutfar Rahman	Md. Moniruzzaman
Minimization Of PLA's For Multiple-Output Funcation Using Modified Quine-McCluskey Method	Md.Shahed Almgir, Shakila Rahman, Md. Ashraful Islam, Qurratul Aine	Dr. Hafiz Md.Hasan Babu
Error Detection Error Correction & Error Control in Communication	Md.Sohel Rana, Kazi Krizaur Rashid, Mamun Al Murshed Chowdhury, Md.Jakat Uddin Khan	Professor Dr.Md. Alam
Implementation of a Laboratory Information Management System(LIMS) for and Environmental Analytical Application and Research Laboratory	Mala khan	Shamim Ahmed/Md. Mamun Elahi
The Design Development and Evaluation of V-Commerce	Md.Abdul Muttalib Hossain, Md.Kamrul Hasan Al Azad, Sayed Mohammed Naimul Habib, Mohammed Mehedi Hasan	Mrinmoy Barua
Multi Key Indexing for distributed Database Management System	Md.Mamumur Rashid, Jeshan Ahammed Shikder, Abu Khaled Mosarrof	Md. Shazzad Hosain
Developing of Interactive Web Application Using Servlets	Md.Atikul Islam, Mushfiqur Rahman, Md.Islah Uddin, Sah Md.Shamsuddin	Shaila Rahman
Design and Implementation of Spam Filter Using Bayesian and Rule -Based Approach	Tonmoy Paul, Mohammad Sayeedil Amin, Mohammad Mahbub Hossain, Chinmoy Paul	Farzana Mithun
A Comprehensive Study and Implementation of Internal and External Sorting	Nasir Uddin, Kanak Kanti Bhowmick, Sanjib Deb, Kayes Md.Al Fatehin	Manoj Banik
Medical Expert System Using Clustering Technique and Belief Network	Ahmed Shafill Ceder, Nusrat Islam, Shamim Ara	Md.Asifur Rahman
Image Compression Using Dynamic Clustering Algorithm	Mohammad Belayet Hossen Ripon, Joyanta kishor Kar, Shahanajparven Reta, Farhana	Ahmed Yousuf Saber

	Rashid	
The Study of Double Base Number System	Mohammad Masud Khan A.S.M. Morshed Mosammat Jahanara Begum	Tasadduq Imam
Design and Implementation of a Distributed and Parallel Computing System Using Java Remote Method Invocation	Md.Mahbub Alam, S.M. Mahfuzul Hasin, Tahera Jannat, Md. Mahabubur Rashid	Shaila Rahman
Comparison and Development of Association Rule Algorithm of Data Mining	Mohammad Abdullah, Rafed Mahbub, Biplob Kumar Das, Mohammad Marufuzzaman	Md.Ashraf Uddin Bhuiyan
Study on Hetero Associative Pattern Recognition	Nusrat Akhtar, Sadia Hafiz Khan, Tanvir Hasan Khan, Muhammad Abdul Wahed Tomal	Mohammed Mosheeur Rahman
Wireless Based Automation	Md.Nurul Islam, Abu Rashel Moni	Mohd.Moniruzzaman
Study of Software Project Cost Estimation	Ferdous Hasan Sohag, Muhammad Atiqur Rahman, Mohammad Golam Sohrab, Nadir Muntasir	Md.Ibrahim Faisal
Adaptive Wireless Network	Masudur Rahim Sayeed, Munadia Choudhury, Md.Shiful Islam, Md.Ariful Haque	Md.Iqbal Bahar Chowdhury
Spanning Trees with Restricted Degrees	Tania Ashraf, Md.Thaminul Islam, Kazi Farhana	Muhammad Sirajul Islam
Study of Segmentation of Digits Intelligently	Md.Shaifur Rahman, Julia Zaffar, Nusrat Adib Chowdhury, Syeda Tasouva Akhter	Ahmed Yousuf Saber
Implementation of Frequency Hopping Software Radio	Sk.Md.Masum, Bina Barai, Jhunu Barai, Mohammad Jahangir Alam	Md.Iqbal Bahar Chowdhury
Design of a Speech Recognition Software	Md.Shamsuzzsaman Adil, Nizamur Rahim Chowdhury, Md.Ziaul Karim Chowdhury	Mohshin Uddin Anwar
To Develop a Web Based System for Virtual Campus to Manage Distance Education	Md.Shamim Sahed Shammee, Md.Mahmudul Hasan, Bibrata Kumar Singha, Mahadi Hasan	Md. Mahbubul Islam
Integrated Information System	Md.Mojibur Rahman, Naoshad Jahan Nayeem, Md.Mohidul Islam, Jewel Chandra Kuri	Mahbub Ahmed
Developing an Intelligent Decision Support System	Abdul Mannan Shohed, Fatema Anwer, Rumana Taher, Fatima Nowshim Nayeema	Mohammad Mamun Elahi
Ojudge: An Approach Towards Making an Open Source and Enhanced Online Judge System for the Programming Contests	Pranta Gosh Dastider, Mahmudul Hassan Siddiquee, Ruma Das, Gazi Samia Ahmed	Ashis Kumer Biswas
Developing Private SMS	Ahamed Mydul Haque	M.A.R Mustafa

Gateway	Chowdhury, Md.Saiful Islam Khan, Muntaseer Al Karim, Kashem Zaman	
Analysis of SMS Message in GSM Network & Implementation of Bulk SMS using PC to Mobile vis Mobile or Modem	Sumon Sarker, Md.Shafiqur Rahman, Nusrat Sharmeen Khan, Shiopi Sarker, Hasnain Shamin Zaman, Md.Forhad Hossain Miajee	Shaila Rahman
Web Services Based Information Transaction System with Heterogeneous Clients	Hussain Mahmud Patwary, Md.Nazrul Islam, Md.Hafizur Rahman, Md.Ahasanul-al-jannat	Khandakar Asif Hasan
Development of Human Robot for Human Robot Symbiosis	Md.Arif Reza Anwary, Md.Rezaul Islam, Farah Hasin, Md.Asif Mahmud Shah	Dr.M.Al-Amin Bhuiyan
Transmitting Data from Local IP to a Remote Real Ip over GPRS Without Using www.services	Sara Zahan, Nahid Mostafa, Jeshan Ahammed Sikder	Asifur Rahman
Integration of GPRS and WMAN	Rebeka Sultana, Md.Zahidul Hassan Bulbul, Md.Shahed Hossain, Md.Harun-or-Rashid	Mahbub Ahmed
Automated Transportation System by Combined GPRS, GPS,GIS & ZIGBEE.	Rajib Chandra Saha, Md.Sonjat Khan, Ibrahim Khalliullah Faisal, Md.Rashedul Hasan, Syed Montasir Anowar	Mohd.Moniruzzaman
Study the Performance of Wireless and Bluetooth	Dhiraj Kishore Paul, Muztoba-al- mahmud, Md.Shohidullah Kaiser, Mohammad Mahmudul Hasan	Suman Saha
Design and Implementation of Bluetooth Enabled Application Using J2ME	Sharmin Alam, Zober-bin-laiquot, Md.Jeshan Ahammad, Sakil Ahmmed	Shaila Rahman
Simulation of Location Management of GSM Network Using TDOA Technique	Md.Mahabubur Rahman, Md.Masud Hasan, Md.Toriquil Islam, Md.Nahiduzzaman, Md.Shukriar Alam	Md.Iqbal Bashir Chowdhury
Study of Mobile IP in Wireless Network	H.M. Aleem- Al- Arefin, M.A. Shobuktogin, K.M. Fazley Elahi, Noshin Nawal ami	Mahbub Ahmed
A Flexible Resource Management Scheme for Heterogeneous Wireless Networks	Muhammad Kamrul Hasan	Mohammad Mamun Elahi
Image Compression Using Dynamic Clustering and Neural Network	Ahmed Yousuf Saber	Dr. Chowdhury Mofizur Rahman, Dr. Muhammad Masroor Ali,Dr.Md. Abul Kashem mia, Dr. Hafiz Md.Hasan Babu
A Computer Based Temperature Monitoring System	Ahmed Yousuf Saber	Abu Sayed Md. Latiful Haque
Data Communication Using SMS	Mohammad Mushfiqur Rahman,	Md. Asifur Rahman

Through GSM Network	Rezwana Karim, Sabeca Sultana, Shaheen Reza Chowdhury	
Online Ticket Reservation on Wireless Devices Using J2ME	Muhammad. Ashiqe-Ur-Rouf, Rajan Kumar Majumder, Zafar Siddik Sunna, Sajid Afrin	Md. Mahbubul Islam
Study of Latency Delay in the Integrated Network of WLAN, WMAN and WWAN	Baizid Hossain, Moksedur Rahman, Sk. Hira Akbar, Golam Kibria	Mr. Mahbub Ahmed
Development of Software for Power System Optimization with Reference to BANGLADESH	Md. Rakibul Islam, Md. Sultan Mahmud Sharker, Tasnuva Alam Mim, Sairin Rahman	Dr. Ali Asgar Md. Fayyaz Khan
Error Correction Codes for Third Generation Wireless Communications	Md. Saidur Rahman, Sharif md.Abu Sayem, Md. Tarique Iqbal, M.A. Kader	Md. Ashraf Uddin Bhuiyan
Study and Implementation of Cryptographic Algorithm	Md. Jhirul Islam, Md. Sarfaraj Alam Chowdhury, Md. Kamrul Hasan, Md. Fuad Hasan	Kazi Chandrima Rahman
Study on Error Correction Code in Wireless Communication	Sikdar Mohammad Shihab, Zakia Abedin, Asiful Huq, Marzia Nusrat, Malancha Das	Md. Ashraf Uddin Bhuiyan
Implementation of Desktop GIS Software	Md. Akteruzzaman, Md. Mahfizur Rahman, Akhtaruzzaman, Md. Tasfin Adnan	Mohammad Mamun Elahi
Image Processing and Object Recognition by an Intelligent ROBOT	Md. Mahtab Hossain Shikdar, Md. Mahmudul Hoque, Purnrindu Bikash Roy, Samea Akter, Fiona Avanti Alim	Md. Fayyaz Khan
Study the Performance of Different Bluetooth Scheduling Algorithms	A.A.B. Tajmilur Kobir, Md. Kamrul Hossain, Nilufa Yasmin, Sumi Akter	Shaila Rahman
Performance Analysis of UMTS & CDMA 2000	Md. Motalib Miah, Enamul Haque, S.M. Kamruzzaman, Md. Arman Hossain	Md. Ashraf Uddin Bhuiyan,
Performance Analysis of OFDM in Wireless Communication	Md. Muzaffar Mahmud, Md. Mozibul Haque, Md. Abdul Matin Biswas, Abu Sadat Md.Soyeb	Md. Ashraf Uddin Bhuiyan
CDMA (Code Division Multiple Access) Technology in Mobile Communication System	Azizul Hoque Bhuyan, Dhiman Sharma, Sabrina Thakur Chaity	Md. Shazzad Hosain
Development of Web-Based Client/ Server Applications Trough Microsoft Technology Using Asp Under IIS. Environment	Md. Suzzadul-Alif, Alinoor Islam	Shaila Rahman
Study of Different Cryptosystems and Implementation of a Proposed	A.S.M Rashidul Amin, Azim Uddin, Sonia Khan Sweety, Md. Razaul Karim	Shaila Rahman

Approach		
Study of Data Mining Application	Eliga Islam, Md. Abir Mahmud, Farjana Akter	Mohammad Mamun Elahi
Content Based Billing Solution for GPRS	Md. Anwar Hossain, Md. Moshir Rahman, Sharif Nazmul Sadat Joarder, Md. Tanimur Rahman	Mohd. Moniruzzaman
Conversion of Analog Energy Meter into Digital and Development of Utility Billing Software	Farzana Karim, Md. Moniul Islam, Md. Morshed, Most. Ummey Marjiya	Md. Ashraf Uddin Bhuiyan
Video Data Transfer over Third Generation Wireless Communication	Md. Shah Jahirul Kader Chowdhury, M. Yeasin Ahmed Khan, Md. Saiful Islam, Md. Zakir Hossain, Shafiqul Islam	Mr. Mahbub Ahmed
Design And Implementation of A Computer Aided Learning Software and Discussion on Different Types of Computer Aided Learning	S.M. Shafayet Hussain, Kazi Humayun Kabir, Mohammad Akter Hossain,	Md. Monzur Morshed
Study on Distributed Dynamic Channel Allocated in Mobile Cellular Network	A.T.M. Rubayet Hossain, Muhammad Istiaque Jahan, Mohammad Rafiqul Alam, Mashfika Mahbub	Md. Tasadduq Imam
Design and Implementation of An Intelligent Robot	Md. Zahidul Islam Khan, Md. Monsur Habibulla Haque, Md. Azizur Rahman, Md. Sofiul Alam Sarker	Md. Fayyaz Khan
Information Agent Webcrawler/ Robot	Farhat Rahman, Kazi Moimun Nesa Chandni, Mominul Islam	Farzana Mithun
Study on GSM Technology	Sadia Amin Khan, Jafrin Islam, Meshkat Jahan	Mohammad Mamun Elahi
Design and Implementation of Web Enabled Telemetry System	Mohammad Abdur Rahman, Mohammad Mehedi Hasan, Assaduzzaman, Md. Monirul Karim	Mohd. Moniruzzaman
Inter-Piconet Scheduling Algorithm for Bluetooth Scatternets	Rajib Paul, Abdullah Al Momin, Mian Md. Al-Hasanul Mehadi, Md. Abdullah-Al-Hasan	Suman Saha
Image Compression Using Dynamic Clustering Algorithm	Mohammad Belayet Hossain Ripon, Joyanta Kishor Kor, Shahanaj Parven Reeta, Farhana Rashid	Ahmed Yousuf Saber
Developing Mobile-Based E-Voting System	Md.Habibur Rahman, Nuruzzaman Nahid, Abdullah Hasan Zubair, Khandoker Sabbir Ahmed, Tufazzal Hossain Suzon	Shaila Rahman
Design & Implementation of Wireless Application Protocol	Towhid Hossain, Rownak Afrin, Raihana Kulsum Chaity, S.M.	Md. Shazzad Hossain

	Shaer	
Study on Global System for Mobile Communication (Gsm) & Channel Allocation in Mobile Cellular Network	Refat Salman, Ahmed Selim-Al-Baker Khan, Abdullah Ibna Ekram, Md. Asheq Ullah	Md. Shazzad Hossain
Study of Multi-Agent Systems	ShahMd. Mazedul Hossain, Md. Abdul Karim, Abbas Uddin Sheikh, Md.Abdul Motin Mia	Mohammad Mamun Elahi
Distributed Dynamic Channel Allocation in Mobile Cellular Network	Farzana Yasmin, A.S.M. Saiful Bari, Mohammad Mahfuzur Rahman, Sangita Dey	Shazzad Hossain
Information Cell Based on Locality	Rafiqul Islam, Muhib Ahmed, Maruf Hasan, ShahriarMd. Abdullah	Mahmud Ahmed
Study and Implementation of WAP	Kalyan Brata Das, Asif Ahmed, Atanu Kishor Dash Moon, Lutful Wazed, G.M. Basher Alam	Mohd. Moniruzzaman
RFID Based Traffic Management System	Md. Rifat Hassain, Md. Syfuddin Ferdous, Md. Arifur Rahman, Tapas Chandra Howlader	Mohd. Moniruzzaman
Multi Key Indexing for Distributed Database Management System	Md. Miskatul Islam, Rongon Kumar Ghosh, Golam Dostogir Khan, Md. Yusuf Abdullah Harun	Md. Shazzad Hosain
Multi Key Indexing for Distributed Database Management System	Md. Miskatul Islam, Rongon Kumar Ghosh, Golam Dostogir Khan, Md. Yusuf Abdullah Harun	Md. Shazzad Hosain
A Design of MOS Memory	Tanmoy Kumar Paul, Md. Moyeen Uddin, Morshed Shafiul Hasan, Md. Shahadat Hosen	Dr. M.M. Shahidul Hasan
Implementation of Human Resource Management System(HRMS) and Dongle Device for Software Protection	Md. Golam Kibria, Md. Raisul Hossain, Md.Kamruzzaman, Samsul Arifin, Mulkur Rahman	Shammi Akter
Development of Web-Based Database System	Md. Iqbal Hossain, Md.Shofiqul Islam, Md.Khairul Anam, Md. Sarowar Hossain	Mohammad Mamun Elahi
Design and Implementation of Parallel Algorithms in JAVA Based Environment – RMI	Syeda Nabila Firdaus, Sajida Afrin, Shanchita Rahman, Syeda Nadia Firdaus	Shaila Rahman
Metadata Generation for Multimedia Database	Tanvir Razzaque, Md. Masudur Rahman, Dewan Abu-Raihan Alberuni, K.M.Shorifur Rahman	Mr. Quazi Ehsanul Kabir
Study of Algorithms for Automated VLSI Floorplanning and Routing with Band Minimizing	Nahid Al Mahmud, MarshalMd. Arifur Amran Choudhury, Syeda Afsa Bukhari, Mohammad Tanvir Hassan Maula	Suman Saha
Study of Systems of Linear	Mahfijur Rahman,	Subrata Saha

Programming	Sarder Gulshan Ara	
Developing Information Management System	Md. Ashikur Rahman, Md. Anisur Rahman Chowdhury, Mohammad Sedratul Amin	Mohd. Moniruzzaman
Developing Information Management System	Md. Ashikur Rahman, Md. Anisur Rahman Chowdhury, Mohammad Sedratul Amin	Mohd. Moniruzzaman
A Dynamic Programming Approach and Implementation to Sequencing Problem	Firoz Ahmed Bhuyan, Md. Rajesh Islam, David Thomas Gomes, Mahmood Un Nr Bin Imam	Manoj Banik
Study and Analysis of Different Data Compression Techniques	Mohammad Shamsuzzoha, Syeda Nasreen Jahan, Anjana Roy	Manoj Banik
A Computer Based Temperature Monitoring System	Md. Nazim Uddin, Md. Ershadur Rahman, Sheikh Saem Ferdous	Ahmed Yousuf Saber
A Computer Based Temperature Monitoring System	Md. Asrafuddin Mazumder, Mohammad Akkas Ali, S.M. Meshbahul Alam	Ahmed Yousuf Saber
Study and Analysis of TCP	Md. Robiul Islam, Md. Akter Hasan, Husna Sheherzad, Shammi Akter	Dr. Shamsul Alam
Analysis of Multiplication Based Algorithms	Ahmed Kawser, Md. Rashidul Hasan, Md. Nizam Uddin, Md. Rashidul Islam	Mohammad Nurul Huda
Web Based Directory Service	Abu Basher Mohummad Bari, Samrat Moshir Rahman, Amirul Ahsan Rajib, Mahfuja Akter, Fahmida Akter	Md. Ibrahim Faisal
Automation of Banking Using Client Server Database System with Hardware Security	A.S.M. Ahasanul Alam, Arefa Akhter Nila, Denna Andaleeb Shahabuddin, A.M. Faisal Rahman	Abu Shamim Md. Arif
Developing of a Database Software for Statistical Analysis of Students Input, Distribution, Performance and Employment	Parvez Mahmud, Kaniz Fatema Nila, Md. Maruf Hossain, Muhammad Mizanur Rahman, Shakil Ahmed	Dr. Ali Asgar
TOFDM: A New Approach to Reduce the Average Power Ratio	Md. Amir Hossain, Md. Habibur Rahman, Sonia Armin, Sumaiya Taj	Mohd. Moniruzzaman
Study to the Existing Web Search Engine	Md. Tanvir Karim Khan, Md. Toffozul Haque, Md. Ashrafudoulla Khan, Md. Arifur Rahman	Md. Asifur Rahman
Implementation of Medical Database System	Pranab kumar goswami, Tapash kumar saha, Habibur rahman, Mahbobur rahman	Md. Aynal Haque
Performance Analysis of Turbo Codes in Wireless Communication	Md. Masum Hayder, Md. Shafiqul Islam, S.M. Monjurul Yusuf, Jabun Nahar	Md. Ashraf Uddin Bhuiyan

Optical Character Recognition Using Artificial Neural Network	Hammed Asheq Bin Majib, Sultana Shahnida Ferdousi, A.K.M. Manzurul Alam, A.K.M Habibullah	Md. Mahbubul Islam
GSM Smart Jammer: The Intelligent Frequency Spectrum Generator	Md. Redwanur Rahman, Khondoker Zahid Hossain, Mohsinur Reza, Mohd. Maruf Ul Alam, Aklima Islam Sworna	Md. Sazzad Hossin
GSM Smart Jammer: The Intelligent Frequency Spectrum Generator	Md. Redwanur Rahman, Khondoker Zahid Hossain, Mohsinur Reza, Mohd. Maruf Ul Alam, Aklima Islam Sworna	Md. Sazzad Hossin
Implementation of an Improved Algorithm for Adaptive Wireless Translation	Nusrat Rahman, Saiful Islam, Masum Ahammad	Md. Iqbal Bahar Chowdhury
Development of Location Management System in GSM Network Using GIS	Summon Kumor Das, A.T.M. Zabidur Rahman, Pabitra Kumar Mallik, Md. Wahadus Saba	Shaila Rahman
Development of Location Management System in GSM Network Using GIS	Summon Kumor Das, A.T.M. Zabidur Rahman, Pabitra Kumar Mallik, Md. Wahadus Saba	Shaila Rahman
Computer Based Medical Diagnosis	Mohammed Ilias Hossain, Kazi Delowar Hossain, Mohammad Saifullah, Mohammad Abdullah Al Moti	Dr.Md. Aynal Haque
Online Student Management System	Md. Mahfuzul Alam, Jamil Uddin Bhuiyan, Rubayed Nassim Siddiki, Md. Saiful Islam	Mrinmoy Barua
Comparison Between CDMA & GSM	Mohammad Amdad Ullah Chowdhury, Md. Waliul Hasan, Md. Saidul Islam, Md. Faruk Hossain Mazumder	Md. Ashraf Uddin Bhuiyan
Study and Implementation of SMTP	Mahbub-A-Aziz, Md. Suvo Suyen Khan, Abu Shadat Md. Sohel Rana, Md. Mahmudul Islam	Shammi Akter
Developing a Secured Information System in Wireless Communication	Asif Islam, Muhammad Arifuzzaman, Muhammad Abdul Kader Roni, Muhammad Touhidur Rahman Khan	Muhammad Abdur Rahim Mustafa
A Web-Based Application Using SSL(MCSSL) Communication	Ainun Nahar, Hazera Akter, Poly Sutradhar, Shahena Hoque, M.G. Muktaderul Kader	Shaila Rahman
A Simple Variation of K-Nearest Neighbor and a Variation of KNN Using Recursive Nearest Neighbor	S.M. Monjurul Islam, Md. Didarul Islam, Anamul Hasan Talukder, Mahamud Rahaman	Md. Anil Mahmud
Study and Implementation of Distributed Dynamic Channel	Md. Shariful Islam, Md. Hasan-Ul-Jahid, Md. Rashiduzzaman	Shaila Rahman

Allocation in Cellular Mobile Network	Rasel, Quamrun Nahar	
Mobile Banking System	Md. Sarowar Jahan, Md. Arifur Rahman, MuftiMd. Shams Tabrij, Md. Mominul Haque, Md. Al-Amin Sarkar	Md. Mahbulul Islam
Design & implementation of wireless application protocol	Towhid Hossain, Rownak Afrin, Raihana kulsum Chaity, S.M. Shaer	Md. Shazzad Hossain
Human Computer Symbiosis	Md. Tareq Al Abedin, Md. Khairul Bashar, Tasnim Sami Khan, Ahmed Reja, Md. Mamun Alom	Arif Reza Anwary
Interactive Digital Pen	Sakhawat Hosen, Nandita Roy, Arpita Banik, Susmita Das	Arif Reza Anwary
A Dynamic and Scalable Routing Method for Efficient Data Aggregation in WSNs	Md. Taufiqul Islam, Mahjain Tazri, Md. Mahmudur Rahman Bappi, Abu Syed Firoz, Taslima Akter	Kazi Chandrima Rahman
Analysis of Chatting with N-Gram Language Models	Faria Hossain, Siza Sarker, Kazi Rumana Sharmin, Shamima Akhter Tania	Sheikh Muhammad Sarwar
Study the Accessing Technique of Wireless Network Under IEEE 802.11	Badrunessa Sultana, Nazmun Nahar Snigdha, Jahida Khatun, Sharmin Sultana Mitu	Shaila Rahman
JXTA & Web Services Using Secret Key Based Encryption	Sabiha Hasan	Upoma Kabir
Study on Association Rule Mining	Al- Asma Begum, Mahmudul Hasan, Yeasir Fattah Rumi	Md. Ashraf Uddin Bhuiyan
Adaptive Image Denoising Based on Edge Detection	Mohammad Mahfuz Hossain, Mahmudul Hasan, Tasneem Binte Alam, Hassan Osman	Md. Anil Mahmud
Temperature Control System Using Microcomputer	Waliul Islam, Md. Kamrul Islam, Md. Zulfiker Ali Khan, Mohammad Ruhul Amin	Ahmed Yousuf Saber
Display of High Frequency Signal Using Microcomputer	Md. Imran Khan, Md. Mostafa Rahman, Kazi Tareen Wali, Mst. Shafinaz Khatun	Ahmed Yousuf Saber
Analysis with Optical Mark Recognition and Design of a Practical Approach	Md. Istiaque Hossain, Khan Mohammad Kaisar, Shahriar Ahmed Chowdhury	Mohshin Uddin Anwar
Development of Multimedia System and Indexing of Multimedia Database: Amar Ekushey	Mohammad Rashidul Hasan, Syed Yaminul Haque, Alamgir Kabir Rony, K.M. Kamrunnahar	Engineer Mujibur Rahman
Design and Implementation of an E-Commerce Site for a Virtual Shopping Mall	Smritee Mohalder, Md. Rashaduzzaman	Shaila Rahman
Intelligent Obstacle Avoidance Technique Based on Neural	Md. Arif Reza Anwary	Professor Yong-Gi Kim, Gyeongsang National

Network and Bk-Product of Fuzzy Relation for Autonomous Underwater Vehicle		University, South korea
Handwritten Character Recognition from Human Gesture	Christina Halder, Sanjoy Kumar Mitra	Sheikh Muhammad Sarwar
Intellectual Home Automation System	Sheikh Shimul Ahmmed, Masum, Suborna Roy, Tonmoy Biswash, Al-Amin Utsha	Kazi Chandrima Rahman
An Approach of QR Code Integration on Social Networking System	Abdul Halim Rana, Arif Ahamed Joy, Abdan Shakur, Abu Sufian, Eashika Naznin	Kazi Shamsul Arefin
BRANNS Simulation for Cloud Network Security	Rizvia Belal, Farhana Yesmin, Agmerri Ara Bitthi, Md.Khairul Alam, Most. Tazim Ina Ishrat Sharm	Shaila Rahman
Study on wireless sensor network (wsn) and propose an approach to increase the longevity of wsn.	Jobeda Akhter Jui Md. Yousuf Ali Ayesha Siddika Md. Ranu Hossen Md. Nasar Rahman	Shaila Rahman
Study & Analysis on Cloud Computing & Cryptography	Tahrima Arjumand, Jakia Sultana Md. Makinul Hasan Khan Nasim Md. Roknuzzaman	Shammi Akhter
Privacy-Preserving Two-Party k-Means Clustering in Malicious Model	Rahena Akhter, Rownak Jahan Chowdhury, Tamzida Islam Nusrat Rubaiyat	Mohammad Shahriar Rahman
A Novel and Efficient Data Structure to Facilitate Dictionary Search using Widcards	Khandker Tafiqlul Islam Bindu Rani Das Md. Ashrafujjam Mondol Sofura Aktar	Sheikh Muhammad Sarwar
Object Identification Using Shape Recognition Technique	Md.Shakil Khan Raiyana Alam Md.Riazul Islam Abdullah Al Naser	Arif Reza Anwary
Morphological Analysis of Bangla Root Words for Universal Networking Language(UNL)	Mir Md. Nahidul Hasan Shah Md. Ferdous Khaled Rusmat Jahan Mamun Sajjad Hossain	Muhammad Firoz Mridha
Reducing Power Consumption in Networking Devices through Energy Efficient Interface Management (EEIM)	Syed Abdul Sarek, Ferdous Ara Mostofa, Mahmudul Hasan	Md. Anowarul Abedin
Mapping IPv6 Addresses against IPv4 Addresses in the Gateway of an Autonomous System: A Novel Migration Mechanism from IPv4 to IPv6	Debasish Roy, Rudmila Sarah Anam, Amranul Haque, Ashrafal Islam, Eftakher Hasan	Md. Anowarul Abedin
A New Encryption Algorithm for Network Security	Md. Motalib Miah, Md. Jhirul Islam, Md. Fuad Hasan, Md. Sarfaraj Alam Chowdhury	Kazi Chandrima Rahman
An Efficient Dynamic Routing Protocol For Wireless Sensor	Taslina Akter, Abu Syed Firoz, Md. Mahmudur Rahman Bappi,	Kazi Chandrima Rahman

Networks	Mahjabin Tazri, Md. Taufiqul Islam	
Efficient Bearing Fault Diagnosis by Extracting Intrinsic Fault Information using Envelope Power Spectrum	Md. Rashedul Islam, Abdul Kawsar Tushar and Jong-Myon Kim	Md. Rashedul Islam
Chord Angle Deviation using Tangent (CADT), an Efficient and Robust Contour-based Corner Detector	Mohammad Asiful Hossain and Abdul Kawsar Tushar	Mohammad Asiful Hossain
Handwritten Arabic Numeral Recognition using Deep Learning Neural Networks	Akm Ashiquzzaman and Abdul Kawsar Tushar	Abdul Kawsar Tushar
Single Cell Mass Measurement from Deformation of Nanofork (Awarded 1st best paper for poster session)	Md. Fazly Rabby Akash, Md. Al – Amin Sheikh, Md. Habibur Rahman and Mohd Ridzuan Ahmad	Md. Habibur Rahman
A Novel Resource Scheduling Approach to Improve the Reliability of Shuffle-Exchange Networks	Farshad Mashhadi, Muhammad F. Mridha and Abu Asaduzzaman	Muhammad F. Mridha
Image Augmentation by Blocky Artifact in Deep Convolutional Neural Network for Handwritten Digit Recognition	Md Shopon, Nabeel Mohammed and Md Anowarul Abedin	Nabeel Mohammed
VECTOR: An IP-based Remote Combat Robot. International Journal of Computer Applications	A S Zaforullah Momtaz, Molla Rashied Hussein and Nahida Sultana Chowdhury	A S Zaforullah
Design and Simulation of a Novel Classification Framework for Separating Sentiment from Assorted Game Related Tweets	Syeda Tasmiah Islam, Ahmad Al-Sajid and Molla Rashied Hussein	Molla Rashied Hussein
'Optimal Obstructed Sequenced Route Queries in Spatial Databases	Anika Anwar, Tanzima Hashem	Anika Anwar
Adaptive Secured Multicast Key Management with Re-Keying Process	J. I. Rafiq, A. A. Omar, A. Chakraborty and A. Yusuf	J. I. Rafiq
Krill Herd Based Clustering Algorithm for Wireless Sensor Networks	M. Shopon, M. A. Adnan, and M. F. Mridha	M. A. Adnan
Efficient Bearing Fault Diagnosis by Extracting Intrinsic Fault Information using Envelope Power Spectrum	Md Rashedul Islam, Abdul Kawsar Tushar and Jong-myon Kim	Md Rashedul Islam
Feature Selection Techniques for Increasing Reliability of Fault Diagnosis of Bearings	Md Rashedul Islam, M MManjurul Islam and Jong-myon Kim	Md Rashedul Islam

A Hybrid feature selection scheme based on local compactness and global separability for improving roller bearing diagnostic performance	Manjurul Islam, Rashedul Islam and Jong-Myon Kim	Md Rashedul Islam
Reliable Fault Diagnosis of Bearings Using Distance and Density Similarity on an Enhanced k-NN	DileepAppana, Rashedul Islam and Jong-Myon Kim	Md Rashedul Islam
Acoustic Emission Sensor Network Based Fault Diagnosis of Induction Motors Using a Gabor Filter and Multiclass Support Vector Machines	Md. Rashedul Islam, Islam, J. Uddin, J.-M. Kim	Md Rashedul Islam
Distance and Density Similarity Based Enhanced k-NN Classifier for Improving Fault Diagnosis Performance of Bearings	Md. Sharif Uddin, Rashedul Islam, Sheraz Ali Khan, Jaeyoung Kim, Jong-Myon Kim, Seok-Man Sohn and ByeongKeun Choi	Md. Sharif Uddin
Multi-core Accelerated Discriminant Feature Selection for Real-time Bearing Fault Diagnosis	Md. Rashedul Islam, Md. Sharif Uddin, Sheraz Khan, Jong-Myon Kim, and Cheol-Hong Kim	Md. Sharif Uddin
A Hybrid Feature Selection Scheme for Reducing Diagnostic Performance Deterioration Caused by Outliers in Data-Driven Diagnostics	Myeongsu Kang, Md. Rashedul Islam, JaeYoung Kim, Jong-MyonKim, Michael Pecht	Md. Rashedul Islam
Texture Analysis Based Feature Extraction Using Gabor Filter and SVD for Reliable Fault diagnosis of an Induction Motor	Md. Rashedul Islam, Jia Uddin, Jong-Myon Kim	Md. Rashedul Islam
A New Two-Dimensional Fault Diagnosis Model of Induction Motors using Gabor Filter on Segmented Images	Jia Uddin, Md. Rashedul Islam, Jong-Myon Kim	Md. Rashedul Islam
Discriminant feature distribution analysis-based hybrid feature selection for online bearing fault diagnosis in induction motors	Md. Rashedul Islam, Sheraz Ali Khan, and Jongmyon Kim	Md. Rashedul Islam
Optimizing Controller Area Network System for Vehicular Automation	Moniruzzaman, M. *, Asaduzzaman, A., and Mridha, M.F.	Muhammad Firoz Mridha
A Novel Semantic Knowledge Engine Using Automated Knowledge Extraction from World Wide Web	Mabbu, V. *, Asaduzzaman, A., and Mridha, M.F.	Muhammad Firoz Mridha
<i>Improved dominant local binary pattern texture features</i>	Niraj P. Doshi, Gerald Schaefer, Shahera Hossain	Shahera Hossain
<i>Rotation invariant compound LBP texture features</i>	Niraj P. Doshi, Gerald Schaefer, Shahera Hossain	Shahera Hossain