ICCIE 2015: Program Schedule

Day I 26 November, 2015 (Thursday)	
2.00 PM To 3.00 PM	Registration and Kit Distribution Venue: Auditorium, RUET

Day I 26 November, 2015 (Thursday) 03.00 PM – 4.00 PM: Inaugural Ceremony Venue: Auditorium, RUET	
3:00 PM	**Chair, Guest and Participants take their seats**
3:05 PM	**Welcome speech by the Organizing Chair**, *Dr. Md. Nazrul Islam Mondal, Head & Professor, CSE Dept., RUET*
3:10 PM	**Speech by the Technical Chair**, *Dr. Md. Shahid Uz Zaman, Professor, CSE Dept., RUET*
3:20 PM	**Speech by the Special Guest**, *IEEE, Bangladesh Section*
3:28 PM	**Speech by the Special Guest**, *Engr. Mohammad Enamul Kabir, Director (Training), BCC, Dhaka*
3:35 PM	**Speech by the Special Guest**, *Dr. Anirban Mukhopadhyay, Professor, University of Kalyani, India*
3:42 PM	**Speech by the Special Guest**, *S.M. Ashraful Islam, Executive Director, BCC, Dhaka*
3:50 PM	**Speech by the Chief Guest**, *Prof. Dr. Mohd. Rafiqul Alam Beg, Vice-Chancellor, RUET*
4:00 PM	**A Short Presentation about the CSE department by Joint Technical Secretary,** *Dr. Md. Al Mamun, CSE Dept., RUET*
4:05 PM	**Vote of thanks by the Organizing Secretary,** *Dr. Md. Rabiul Islam, Professor, CSE Dept., RUET*
4:35 PM	**Invited Speech,** *Engr. Mohammad Enamul Kabir, Director (Training), BCC, Dhaka*
4:10 PM to 4:30 PM: Prayer & Tea Break	

	Day I **26 November, 2015 (Thursday)** **04.35 PM – 5.30 PM: Invited Speech**
4:35 PM To 5:30 PM	**Invited Speech** Venue : Auditorium, RUET Session Chair : Prof. Dr. Md. Shahid Uz Zaman Session Co-Chair: Dr. Boshir Ahmed Title : Building and Eco-System for Digitalization using National Enterprise Architecture Speaker : Engr. Mohammad Enamul Kabir, Director (Training), BCC, Dhaka
	Day II **27 November, 2015 (Friday)**
8.30 AM – 9.00 AM	Registration and Kit Distribution Venue: Conference Lobby, Department of CSE, RUET
9:00 AM To 09:40 AM	**Keynote Session I** Venue : Auditorium, Department of CSE, RUET Session Chair : Prof. Dr. Md. Nasim Akhter Session Co-Chair: Prof. Dr. Md. Nazrul Islam Mondal Title : Semantic Web-Basics and Applications Speaker : Prof. Dr. Muhammad Masroor Ali

9:45 AM
To
10:30 AM
	Keynote Session II
	
	Venue : Auditorium, Department of CSE, RUET
	Session Chair : Prof. Dr. Md. Mamun-or-Rashid
	Session Co-Chair: Dr. Md. Ali Hossain
	Title : Does Sequence of Presentation matters? Study of Learning
	                  Phenomena by a Computational Model of Semantic
	                  Network Growth via Episodic Comprehension
	Speaker : Prof. Dr. Javed I. Khan

	10:30 AM to 10:50 AM: Tea Break

27 November, 2015 (Friday)
Technical Session I (10.50 AM – 01.00 PM)

Venue: Conference Room , Dept. of CSE, RUET		Track: Artificial Intelligence

Session Chair: Prof. Dr. Kaushik Deb

Session Co-Chair: Dr. Md. Ali Hossain

PI 5	A Vision Based Guide Robot System: Initiating Proactive Social Human Robot Interaction in Museum Scenarios *Md. Golam Rashed, Ryota Suzuki, Antony Lam, Yoshinori Kobayashi, Yoshinori Kuno*
PI 28	Phonetic Features Enhancement for Bangla Automatic Speech Recognition *Rasel Shuvro, Fariha Nusrat, Foyzul Hassan, Foysal Ahamed, Khondaker Mamun, Mohammad Huda*
PI 32	Bangla Pronunciation Error Detection System *Selina Parveen, Farhana Sarker, Rasel Shuvro, Khondaker Mamun, Mohammad Huda*
PI 75	A Belief Rule Based Expert System to Control Traffic Signals under Uncertainty *Mohammad Shahadat Hossain, Rashed Mustafa, Hoimonty Sinha*
PI 80	Review of integrated applications with AIML based chatbot *Md. Shahriare Satu, Md. Hasnat Parvez, Shamim-Al Mamun*
PI 87	Character Recognition System: Performance Comparison of Artificial Neural Networks and Genetic Algorithm *Shahazan Ali, Md. nazrul Islam Mondal*
PI 119	Effects of Caffeine Doses on Cardiac Activity using Laser Doppler Flowmetry *Md. Uddin, M Reza, Mohiuddin*
PI 120	An Empirical Framework for Parsing Bangla Assertive, Interrogative and Imperative

	Sentences
	Mohammed Safayet Arefin, Lamia Alam), Shayla Sharmin, Mohammed Hoque
PI 145	Land Cover Classification for Satellite Images based on Normalization Technique and Artificial Neural Network.
	Boshir Ahmed, Md. Abdullah Al Noman
PI 159	An Empirical Analysis of Attribute Skewness over Class Imbalance on Probabilistic Neural Network and Naïve Bayes Classifier
	Nazmul Shahadat, Biprodip Pal

27 November, 2015 (Friday)
Technical Session II (10.50 AM – 01.00 PM)

Venue: Seminar Room, Dept. of CSE, RUET   **Track: Computer Networks and Security**

Session Chair: Prof. Dr. Md. Nasim Akhter

Session Co-Chair: Dr. Md. Al Mamun

PI 27	Performance Analysis and Redistribution among RIPv2, EIGRP & OSPF Routing Protocol
	Kanti Dey, Md. Mobasher Ahmed, Kazi Tanvir Ahmmed
PI 39	A Novel Elliptic Curve Cryptography Scheme Using Random Sequence
	Fatema Akhter
PI 41	VANET Topology Based Routing Protocols & Performance of AODV, DSR Routing Protocols in Random Waypoint Scenarios
	Bijan Paul, Aditi Roy, Sanjit Paul
PI 54	Performance Analysis of DCS-Based Limited Wavelength Interchanging Cross-Connects in WDM Network
	Punab Chandra Kundu, Dr. Md. Rabiul Islam, Pejush Chandra Sarker, Satya Prasad Majumder

PI 59	A Comparative Study of Different Dispersion Compensation Techniques in Long Haul Communication *Md. Talha, Kazi Salam, Hasan Zaman*
PI 62	vSIM : The Next Generation Mobile Technology *M. M. Rahman, A. B. M. A. Islam*
PI 72	A Secret Key-Based Security Architecture for Wireless Sensor Networks *Md Mokammel Haque, Anuva Chowdhury, Farzana Alam, Shanta Chowdhury*
PI 91	Cross-correlation Based Approach of Underwater Network Size Estimation with Unequal Sensor Separation *D.K. Mondal, S. A. H. Chowdhury, Q. N. Ahmed, M. S. Anower*
PI 117	Blind Audio Watermarking Based on Fast Walsh-Hadamard Transform and LU Decomposition *Pranab Kumar Dhar*
PI 125	Paradigm Shift towards Cloud Computing for Banking Sector *Mohammad Anik Islam, Md. Khaled Ben Islam, Md. Nazmus Shakib Beg*
PI 160	Cooperative Game Theory based Load Balancing in Long Term Evolution Network *Subarno Saha, Rajkin Hossain, Muhidul Islam Khan*

01.00 PM – 2.20 PM: Prayer & Lunch Break
Lunch: Cafeteria, RUET

27 November, 2015 (Friday)
Technical Session III (2.30 PM – 4.30 PM)

Venue: Conference Room, Dept. of CSE, RUET　　　　**Track: Image Processing and GIS**

Session Chair: Prof. Dr. Kazi Khairul Islam
Session Co-Chair: Prof. Dr. Md. Rabiul Islam

PI 17	Performance Comparison of Three Optimized Alternative Pulse Shaping Filters with the Raised Cosine Filter for Wireless Applications *Tushar Kanti Roy, Monir Morshed, Md Ferdous Pervej*
PI 24	A Heuristic Solution of the Vehicle Routing Problem to Optimize the Office Bus Routing and Scheduling using Clarke & Wright's Savings Algorithm *Emrana Kabir Hashi, Rokibul Hasan, Md. Shahid Uz Zaman*
PI 26	Interaction with Large Screen Display using Fingertip & Virtual Touch Screen *Dejan Chandra Gope, Md. Shafiqul Islam*
PI 33	An Adjustable Novel Window Function with its Application to FIR Filter Design *Hrishi Rakshit, Muhammad Ullah*
PI 71	Development of a Smart Learning Analytics System Using Bangla Word Recognition and an Improved Document Driven DSS *Wali Mohammad Abdullah, Kazi Lutful Kabir, Nazmul Hasan, Sharmin Islam*
PI 89	Histogram based Water Quality Assessment in Satellite Images *Mumu Aktar, Md Al Mamun, Md. Shamimur Rahman Shuvo, Md. Ali Hossain*
PI 106	A Real- Time Face to Camera Distance Measurement Algorithm Using Object Classification *Md Hossain, Md Mukit*
PI 139	Closest Class Measure based Subspace Detection for Hyperspectral Image Classification *Md. Ali Hossain, Md. Shahid Uz Zaman, Md Al Mamun, Md. Nazrul Islam Mondal*
PI 162	Bangladeshi Road Sign Detection Based on YCbCr Color Model and DtBs Vector *Kaushik Deb*
PI 163	GIS-based Extraction of Open Space in Rajshahi City *Md. Shahid Uz Zaman, Fatima Jahan Sarmin*

	27 November, 2015 (Friday) Technical Session IV (2.30 PM – 3.20 PM)
Venue: Seminar Room, Dept. of CSE, RUET	**Track: Algorithm and Application**
Session Chair: Prof. Dr. Muhammad Masroor Ali **Session Co-Chair: Dr. Pranab Kumar Dhar**	
PI 64	Smart Vehicle Accident Detection and Alarming System Using a Smartphone *Ahmed Imteaj, Mahfuzulhoq Chowdhury, Adnan Faiz*
PI 143	Multi-temporal FFT Regression *Md Al Mamun, Md. nazrul Islam Mondal, Boshir Ahmed, Md. Shahid Uz Zaman, Shyla Afroge*
PI 149	A Novel Idea of Tackling Hard Bit-vector Problems in a Beneficial Way by Eager Solver *Chowdhury Sajadul Islam, Md. Nahid Hasan*

	27 November, 2015 (Friday) Technical Session V (3.25 PM – 4:15 PM)
Venue: Seminar Room, Dept. of CSE, RUET	**Track: Internet and Web**
Session Chair: Prof. Dr. Md. Shahid Uz Zaman **Session Co-Chair: Dr. Boshir Ahmed**	
PI 3	Issues in Entry Creation for an Educational Institution and Searching in Semantic Web *Syeda Nyma Ferdous, Jannatut Tabassum, Muhammad Masroor Ali, Abdullah Al Noman*
PI 68	Developing a Framework for Analysing Web Data to Generate Recommendation *Tanjila Khanam, Mohammad Arefin, Md. Islam*
PI 153	Phishing Attack Detection Using Taxonomy Model *Chowdhury Sajadul Islam*
4:20 PM to 4:40 PM: Prayer & Tea Break	

	27 November, 2015 (Friday)
	Technical Session VI (4.40 PM – 5.20 PM)

Venue: Seminar Room, Dept. of CSE, RUET   **Track: Software and Middleware**

Session Chair: Prof. Dr. Shamim Ahmed

Session Co-Chair: Prof. Dr. Md. Shamsul Arefin

PI 38	Telemedicine in South Asia for Rural People: Current Scenario and Future Recommendations *Uzzal Prodhan, Muhammad Rahman, Israt Jahan*
PI 92	Introducing Spatial Orientation Sensitive Cellphone Messaging System for Blind People *Parijat Prashun Purohit, Fardina Fathmiul Alam, S. M. Mostaq Hossain*
PI 115	Smartphone based Teacher-Student Interaction Enhancement System *Ahmed Imteaj, Saad Sajjad*

5:20 PM to 5:40 PM: Prayer & Tea Break

Day II **27 November, 2015 (Friday)**

5:40 PM To 06:20 PM	**Keynote Session III** Venue : Auditorium, RUET Session Chair : Prof. Dr. S. M. Abdur Razzak Session Co-Chair: Prof. Dr. Md. Rabiul Islam Title : Iris Biometric and its application in Cyber Identity Speaker : Dr. Kaushik Roy
6:25 PM To 07:00 PM	**Keynote Session IV** Venue : Auditorium, RUET Session Chair : Prof. Dr. Md. Shahid Uz Zaman Session Co-Chair: Prof. Dr. Md. Shamsul Arefin Title : Multiobjective Genetic Algorithms for Data Clustering Speaker : Prof. Dr. Anirban Mukhopadhyay

Day II
27 November, 2015 (Friday)
07:30 PM – 8:00 PM: Closing & Award Night
Venue: Master Chef Ball Room, Rajshahi

7:30 PM	**Chair, Guest and Participants take their seats**
7:35 PM	**Speech by the Special Guest,** *S.M. Ashraful Islam, Executive Director, BCC, Dhaka*
7:45 PM	**Best Paper Award by the Chief Guest,** *Prof. Dr. Mohd. Rafiqul Alam Beg, Vice-Chancellor, RUET*
7:47 PM	**Speech by the Chief Guest,** *Prof. Dr. Mohd. Rafiqul Alam Beg, Vice-Chancellor, RUET*
7:5s0 PM	**Closing Speech by the Organizing Chair**, *Dr. Md. Nazrul Islam Mondal, Head & Professor, CSE Dept., RUET*

Day II
27 November, 2015 (Friday)
08:00 PM – 10:00 PM: Grand Dinner
Venue: Master Chef Ball Room, Rajshahi