Final Program

DAY 1 (Satureday, January 9, 2010)

9:30 - 9:50am: Opening Ceremony (Room 1)

Keynote Speakers
9:50 - 10:30am: **Current Trends in Operations Research**
Dr. Sabbir Ahmed
Associate Professor in the H. Milton Stewart School of Industrial & Systems Engineering Georgia Institute of Technology, USA
10:50-11:30am: **Accreditation of Engineering Education: Option or Necessity**
Dr. Tasneem Pervez
Associate Professor in the Mechanical and Industrial Engineering Department Sultan Qaboos University (SQU), Oman

Parallel Sessions

Day 1, 9th January 2010, Saturday, 11.30am -1.00pm			
	Room 1		
Day 1, 9th January 2010, Saturday/ Room 1/ 11.30-1.00pm			
DA 1/ Chair: Dr. Chiang Kao			
sl	Paper ID	Title	Authors
1	108	A Decision Making Optimization Model For Implementing Biomass Gasification Plant In Tamil Nadu	Dhyankumar, Dr. Rajmohan
2	122	Selection of Industrial Robots using Compromise Ranking Method	Shankar Chakraborty, vijoy
3	254	Ranking of Bangladeshi Coals Based on Fuzzy Set Theory	Shamsuzzaman , Dweiri
4	125	A group decision making method for determining the importance of customer needs Based on customer- oriented approach	Mahdi Bashiri
5	128	Weight determination for consistently ranking alternatives in multiple criteria decision analysis	Chiang Kao
6	130	Selection of weapon using digraph and matrix methods	Senthil
7	186	Consumer Decision Making Styles in the Indian Retail Market	Aarti Sarpal
	Room 2		
Day 1, 9th January 2010, Saturday/ Room 2/ 11.30-1.00pm			
SC 1/ Chairs: Dr. Bhaba Sarker			
sl	Paper ID	Title	Authors
1	101	Interpretive Structural modelling for understanding the inhibitors of a telecom service supply chain	V.R.Pramod, D.K.Banwet
2	103	Determinants Of Supply Management Performance Garment Industry In Bangladesh	Mohammad Asif Salam
3	132	Managing Material Flow at the US Shipbuilding Industry	MD B. Sarder

sl	Paper ID	Title	Authors
4	148	Management of Supply Chain in Petroleum Corporations	Surajit Roy
5	198	An Optimal Rotational Cyclic Policy for A Supply Chain System With Imperfect Matching Inventory And JIT Delivery	Bhaba Sarker, P. Biswas
6	233	An Integrated Supply Chain Model for the Supply Uncertainty Problem	S. Mehdi Sajadifar
7	273	Demand Planning Methodology in Supply Chain Management	Nazia Sultana

		Room 3	

Day 1, 9th January 2010, Saturday/ Room 3/ 11.30-1.00pm

QC 1/ Chairs: Dr. Iqbal

sl	Paper ID	Title	Authors
1	105	Quality Costing : An Efficient Tool For Quality Improvement Measurement	Rathindra Nath De
2	114	A case study of evaluation the effectiveness of implementing Quality Management System	Ali Massaeli
3	304	Six Sigma based Control Chart for the number of Defectives	R. Radhakrishnan
4	129	Recognition of Control Chart Patterns Using Discriminant Analysis of Shape Features	Shankar Chakraborty
5	165	Effect of Total Quality Management on Performance of Indian Pharmaceutical Industries.	Sudhanshu Bala Singh
6	179	Designing a Quality Control System for Mean Vector and Change Point Diagnosis in Multivariate Normal Process	Shima Mohebbi

		Room 4	

Day 1, 9th January 2010, Saturday/ Room 4/ 11.30-1.00pm

PP 1/ Chairs: Dr. Shamsuddin Ahmed

sl	Paper ID	Title	Authors
1	118	Assessing the Impact of Multi-loop Kanban Systems in a High Volume Fabrication System	Dhesirey Beryl K. Sio
2	133	Productivity Improvement through line balancing in apparel industries	Rezaul Hasan Shumon
3	314	Optimal Replenishment Policy under Supplier-Retailer's Partial Credit Financing in a	Chandra K. Jaggi
4	161	Impacts of Common Components in Multistage Production System under Uncertain Conditions	Wazed, Shamsuddin, Nukman
5	173	An Empirical Investigation of Inventory Management Practices of Processed Food Supply Chain in Sri Lanka-Manufacturers Perspective: A Case Study	Harishani L. Liyanage
6	209	Minimizing Makespan in Flowshops with Bounded Processing Times	Ali Allahverdi

		Room 5	

Day 1, 9th January 2010, Saturday/ Room 5/ 11.30-1.00pm

GM 1/ Chairs: Dr. Nurul Absar

sl	Paper ID	Title	Authors
1	117	Industrialization and its impact on Agriculture: A case study on Savar Upozilla, Dhaka, Bangladesh	Mazibar Rahman
2	303	Superplastic Behavior of Al5083 Alloy during Microforming Process	Hossain, Park, Hong
3	137	Surface Texture Investigation in High Speed Flat End Milling Of Ti-6Al-4V	Alam, Aupatwari
4	214	Similarities and Differences between TPM and Lean	Arashpour, Enaghani, Andersson
5	156	Performance Appraisal effectiveness- Employees' perceptions	Sandhya Pal
6	157	Modification of Spur Gear Using Computational Method-Involutes Profile Being Modify.	Izzhak Devid Paul
7	172	Envisages of New Product Developments in Small and Medium Enterprises through Virtual Team	Nader, Shamsuddin, Zahari

Day 1, 9th January 2010, Saturday, 2.00-3.30pm

		Room 1	

Day 1, 9th January 2010, Saturday/ Room 1/ 2.00-3.30pm

DA 2/ Chairs: Dr. Ahad Ali

sl	Paper ID	Title	Authors
1	297	The Audit of Occupational Safety and Health in Train Workshop "Balai Yasa" PT Kereta Api (Persero) Yogyakarta – A Report of Inspection	Widodo Hariyono
2	142	Decision Analysis for Avoiding Disastrous Consequence of Iran's Nuclear Conflict	M. A.. Rashid
3	163	Possibility programming application in Analysis of Fuzzy Knapsack Problems	M. Rad Simson
4	174	Searching for an Efficient Fouling Index for Reverse Osmosis Desalination: A Statistical Approach	Kozo nakamura

sl	Paper ID	Title	Authors
5	215	Connectivity Management in Mobile Ad Hoc Networks : A Fuzzy Based Semi-Distributed Approach	Jishan Mehedi
6	311	Decision Analysis in Sector Selection: A Case Study of a Development Organization	Sudipa Sarker

		Room 2	

Day 1, 9th January 2010, Saturday/ Room 2/ 2.00-3.30pm

SC 2/ Chairs: Dr. Shams Rahman

sl	Paper ID	Title	Authors
1	234	Secure Mobile payment system in e-commerce	K. Hossain Ansary,Dr. Liakot. ali
2	285	Shippers-Providers Perception of Third-Party Logistics Services	Shams Rahman
3	290	Procurement Performance and Supplier Relationship	M. Tawfik Mady
4	301	Developing an information model for supply chain information flow and its management	A.M.M. Mukaddes
5	237	Development of a Mobile Agent for Modern e-shopping	Ashik Ali Khan, Liakot Ali
6	203	How Green is the Supply Chain?: Practice and Research	L.K. Toke
7	275	Supply Chain Risk Management in Aerospace Industry from System Dynamics perspective	Abhijeet, Samir

		Room 3	

Day 1, 9th January 2010, Saturday/ Room 3/ 2.00-3.30pm

QC 2/ Chairs: Dr. A.K.M Masud

sl	Paper ID	Title	Authors
1	213	TQM-The Time has Come for Bangladesh Power Generating Sector	Azizur Rahman
2	243	Analyzing and evaluation of Quality Management System in Bandar Imam Petrochemical Company	Eskandar Soheilpour
3	309	A Quality Function Deployment Approach For Improving Quality Of Yarn: A Case Study	Jannat, Masud, Habib
4	127	Application of ISO – 9001: 2008 In Academic Institutions	Rathindra Nath De
5	305	Construction and Selection of Tightened-Normal-Tightened Schemes of Type TNT-(n_1, n_2; c) indexed through Six Sigma Quality Levels	R. Radhakrishnan
6	199	Applying Quality Cost Analysis in Manufacturing of Power Generators	Mohammad Eslamipour

		Room 4	

Day 1, 9th January 2010, Saturday/ Room 4/ 2.00-3.30pm

PP 2/ Chairs: Dr. Mehmet Savsar

sl	Paper ID	Title	Authors
1	211	Modeling Of A Flexible Manufacturing Cell Operating Under Failure And Fault-Tolerance States	Mehmet Savsar
2	221	Minimizing Total Completion Time in Flowshops with Bounded Processing Times	Harun Aydilek, Ali Allahverdi
3	230	Intermittent Demand Forecast and Inventory Reduction Using Bayesian ARIMA Approach	Mohammad Anwar Rahman
4	241	Optimal production run length for products sold with warranty in a deteriorating production system with a time varying defective rate under allowable shortages	M. A. Rahim, Fareeduddin
5	252	Re-balancing of Generalized Assembly Lines – Searching Optimal Solutions for SALBP (Simple Assembly Line Balancing Problem)	Chowdury Md. Luthfur Rahman
6	257	Minimizing Makespan for a Flexible Flow Shop Scheduling Problem	Sandipan, Biswajit
7	154	Application of Systematic Layout Planning in Hypermarkets	Rajshekhar S Inglay

		Room 5	

Day 1, 9th January 2010, Saturday/ Room 5/ 2.00-3.30pm

GM 2/ Chairs: Chaudhary Imran Sarwar

sl	Paper ID	Title	Authors
1	159	Torsional Frequency Analysis Of Multi-Cylinder Inline Diesel Engine Generator System	S.H. GAWANDE
2	316	New Insights into Industrial Leadership Assessment and Development: Assessment, Antecedents, and Development	Chaudhary Imran Sarwar
3	164	Enhancement of Tool Material Machining Characteristics with Cryogenic Treatment: A Review	Rupinder Singh
4	166	Automotive sector; A Country wise comparative analysis: India-Spain-Brazil.	Ananth Rangarajan

	178	Does QMS give Positive impact for SMEs: An Indian Textile Exporter's Experience	
5			K.SRIRAM
6	248	Leveraging Web 2.0 for increasing competitiveness of offshore-driven IT industry	
			Jagadish Kundu
7	249	Understanding Project Complexity from the perspective of a Project Manager	Sanjeev Sinha

Day 1, 9th January 2010, Saturday, 3.45-5.00pm

		Room 1	

Day 1, 9th January 2010, Saturday/ Room 1/ 03.45-5.00 pm

DA 3/ Chairs: Dr. Iftekhar Shikder

sl	Paper ID	Title	Authors
1	218	deficiency of the traditional FMEA, and introduces a new method based on estimated costs Fuzzy FMEA and utility values	Afshin Jamshidi
2	226	Simulation Based Decision Support System (SBDSS) for the Vehicles Repair and Maintenance in Dynamic Business Environment	A. Mehmood, M. Jahanzaib
3	124	A TOPSIS Method-based Approach to Machine Tool Selection	S.Chakraborty, Vijoy
4	260	Applications of Data Mining Techniques in Customer Churn Prediction	Sahand, Mohammad, Morteza
5	294	Rough Set Theory and Decision Analysis	Iftikhar U. Sikder
6	295	Statistical Analysis on Wind and Solar Energy in Canada	Quazi K. Hassan
7	240	Cost & Return analysis of tea industry "A case study on Dauracherra & New Saman	Nazrul Islam

		Room 2	

Day 1, 9th January 2010, Saturday/ Room 2/ 03.45-5.00 pm

SC 3/ Chairs: Dr. V. Cruz Machado

sl	Paper ID	Title	Authors
1	244	Tradeoffs among paradigms in Supply Chain Management	V. Cruz Machado
2	250	Design of On-Board Weighing System For Effective Supply Chain Management	Suresh, K., Gunasekaran, T.
3	264	A stochastic multi-product, multi-stage supply chain design	Rashed, Mahdi , Majid
4	265	SUPPLIER EVALUATION USING LOSS FUNCTION IN SUPPLY CHAIN MANAGEMENT	H. Sadeghian, E. karami
5	270	Application of RFID in Supply Chain System	Anwar, khadem
6	251	Open Loop Supply Chain Model for the Automotive Industry Using Hybrid K-Means GA with SA	Chowdury Luthfur Rahman
7	256	The Relationship between Project Management and E-Collaboration	Jafri

		Room 3	

Day 1, 9th January 2010, Saturday/ Room 3/ 03.45-5.00 pm

OR 1/ Chairs: Dr. Shamsuzzaman

sl	Paper ID	Title	Authors
1	102	Optimal fuzzy inventory policies via fuzzy geometric	Abozar Kordi
2	200	A meta analytic approach to compare competences indices of an automobile company	R Chakrabarty, S K Basu
3	112	Development and Optimization Methodology for Implementation of New Body Shop Area in Car Manufacturing Plant -A Case Study - In a Reputed Automotive manufacturing plant.	Timir Gandhi, S.M.Bhatt
4	115	Queuing based analysis of inventory control in a multi-level supply chain	Maryam Mohajeri
5	168	A new balancing approach in Balanced Score Card by applying cooperative evolutionary game theory	M. Jafari-Eskandari
6	249	Crashing Project Time by Linear Programming (LP): A Case Study	
7	110	Using linear programming with education cost for enhancing the level of human resource efficiency	Aboozar Mehrmanesh

		Room 4	

Day 1, 9th January 2010, Saturday/ Room 4/03.45-5.00 pm

PP 3/ Chairs: Dr. A.H.M. Shamsuzzoha

sl	Paper ID	Title	Authors
1	258	Production Planning using Simulation Approach verses Hybrid Approach: A Case Study	Hossain, Byrneb, Haque, Islama, Zunaid
2	134	Probability based, Flexible scheduling method – interface with management, planning and production	Rezaul Hasan Shumon

sl	Paper ID	Title	Authors
3	299	PRODUCTIVITY ASSESSMENT AND ITS IMPROVEMENT STRATEGIES FOR A CERAMIC INDUSTRY – A CASE STUDY	Iqbal, Salahuddin, Salma, Nasrin
4	268	COMPARATIVE STUDY BETWEEN MIXED MODEL ASSEMBLY LINE AND FLEXIBLE ASSEMBLY LINE BASED ON COST MINIMiZATION APPROACH	F.A. RAJPUT, Z. OTHMAN, A. SUHAIL
5	239	Global Outsourcing Strategy: Product Development Perspective	A.H.M. Shamsuzzoha
6	123	Facility Location Selection using PROMETHEE II Method	Shankar Chakraborty

		Room 5	

Day 1, 9th January 2010, Saturday/ Room 5/ 03.45-5.00 pm

GM 3/ Chairs: Md. Anayet U Patwari

sl	Paper ID	Title	Authors
1	201	A Compact FPGA Implementation of Triple-DES Encryption System with IP Core Generation and On-Chip Verification	Ghosal, Malabika, Manish
2	210	Transient Heat and Fluid Flow through a Rotating Curved Square Duct	Rabindra Nath, Anup Kumar
3	138	Investigation of Chatter and Its Effect on Surface Roughness during End Milling of Medium Carbon Steel	Md. Anayet U Patwari
4	219	Complexity Level in Industrial Firms: Case Studies Implementation	Ibrahim, and Ashraf
5	227	Employee Attrition in Engineering Firms: Case Study of DCIPS Pvt. Ltd, India	Sharmistha Banerjee
6	229	A Pair of Large-incidence-angle Cylinders in Cross-flow with the Upstream One Subjected to a Transverse Harmonic Oscillation	Mir M. A. Hayder
7	269	Acquiring a Knowledge Base of Continuous Processes through a Distributed System	Andre Lerm

5:00-5:30pm: Networking with Graduate Students

5:30: Buses leave IUT for Dinner

DAY 2 (Sunday, January 10, 2010)

Keynote Speakers

9:30 - 10:10am: **Operations Management, Quality Management and Supply Chain Management: An Integrated Approach**

Dr. Abdur Rahim

Professor in the Faculty of Business Administration
University of New Brunswick (UNB), Canada

10:50-11:30: **Operational Excellence**

Managing Director , Incepta Pharmaceuticals

Parallel Sessions

Day 2, 10th January 2010, Sunday, 11.00am - 12.15pm

		Room 1	

Day 2, 10th January 2010, Sunday/ Room 1/ 11.00-12.15pm

RM 1/ Chairs: Dr. Mehmet Savsar

sl	Paper ID	Title	Authors
1	182	CBM (Condition Based Maintenance) Through Score Normalization of Voice Biometrics	Muhammad Haris Nisar
2	190	A Framework for Assessing Management Losses from TPM Perspective	Farhana Afreen Proma
3	220	Point Process Based Maintenance Modeling for Repairable Systems: A Review	S. Hussain, V. N. A. Naikan
4	222	Evaluation of the Current Maintenance System and Maintenance Management System in KIMIA Co	Ghasem Ebadi

sl	Paper ID	Title	Authors
5	259	Reliability assessment of used components in consumer electronics products	K.ArunVasantha Geethan
6	310	Reliability Modeling of a Manufacturing Cell Operated under Degraded Mode	Mehmet Savsar
7	223	Modelling Cost of Maintenance Contract for Rail Infrastructure	Anisur Rahman

Room 2

Day 2, 10th January 2010, Sunday/ Room 2/11.00-12.15pm

SM1 /Chairs: Dr. Arun Kumar

sl	Paper ID	Title	Authors
1	170	Models for Bed Occupancy Management of a Hospital in Singapore	Arun Kumar, John Mo
2	167	BRTS- Bus Rapid Transit System in Pune Modeling, Simulation and Feasibility analysis	Ananth Rangarajan
3	180	Structural Modeling of a Manufacturing Organization Focusing on Worker Allocation	Tahera Yesmin
4	196	Simulation of an interdependent Metro-Bus transit system to analyze schedules from passenger perspective	Golam Mohammad M. Aurup
5	183	Emerging Trends in e-Manufacturing, Web-enabled Integration and Smart Manufactu	Ahad Ali, Devdas Shetty
6	238	Corner Effects in SOI Vs Bulk Tri gate FinFETs using 3D device simulation	Santosh K. Gupta
7	212	Modeling and analysis of fire center locations in a city to minimize response time	Mehmet Savsa

Room 3

Day 2, 10th January 2010, Sunday/ Room 3/ 11.00-12.15pm

OR 2/ Chairs: Dr. Aboozar Mehrmanesh

sl	Paper ID	Title	Authors
1	205	An Inventory Model with Linear Demand Rate, Finite Rate of Production with Shortages and Complete Backlogging	C. K. Sahoo, S.K. Sahoo
2	262	A more realistic approach to Inventory problem	D.K.Bhattacharya
3	121	A Meta-heuristic Algorithm for Solving Economic Lot Scheduling Problem	Farimah M. Rafiei
4	177	A robust optimization approach for the Milk Run Problem with Time Windows with Inventory uncertainty	Jafari-Eskandari, A.R. Aliahmadi, GH.H.KHaleghi
5	193	Simulated Annealing and Tabu Search Based Hybrid Algorithm for Multi depot Vehicle Routing Problem with Time Windows and Split Delivery	U.S.S. Dharmapriya, S.B.S. Siyambalapitiya
6	194	Simultaneous Task Allocation and Motion Coordination Algorithm for Multiple Autonomous Vehicles in Dynamic Environment	A.K. Kulatunga

Room 4

Day 2, 10th January 2010, Sunday/ Room 4/ 11.00-12.15pm

SI 1/ Chairs: Dr. Chang-Hsien Hsu

sl	Paper ID	Title	Authors
1	152	The integration of QFD Technique and Value Engineering and its Applying in A HealthcareCenter	K. Yeganegj
2	153	A market driven demand estimation model for the Indian petroleum industry	Uttiya Bhattacharyya
3	160	Collaboration as a Strategy for Auto-service Business at Supermarkets	Debabrata Bhattacharjee
4	169	Translating the Student's Voice into Teaching Techniques: A Quality Function Deployment Approach	A. M. M. Mukaddes
5	176	Pharmaceutical care of people in the community for the recognition rate and the pharmaceutical service satisfaction study	Chang-Hsien Hsu
6	298	Application of the Lean Six Sigma Problem Solving Methodology in Law Enforcement	Michelle V. Mancenido

Room 5

Day 2, 10th January 2010, Sunday/ Room 5/ 11.00-12.15pm

GM 4/ Chairs: Dr. Arun Nambiar

sl	Paper ID	Title	Authors
1	231	A New Organizational Structure for the Managing Production Process by Focusing on the Maintenance and Process	Ghasem Ebadi
2	236	A 1-V LNA for UWB applications in 90 nm CMOS technology	Santosh K. Gupta
3	261	Design and Manufacturing of a Stair Climbing Vehicle	Alamgir, Nafis
4	263	On Developing an Adaptive Gage R&R Evaluation Model of Measurement System	JrJung Lyu, Ming-Hsien Hsu
5	266	Challenges in Sustainable Manufacturing	Arun N. Nambiar

6	271	Feasibility of Hydrogen Production from Micro Hydropower Projects in Nepal	Zaman, Chhetri, Tango
7	120	Prospects of Remanufacturing, a Bangladesh perspective	Rezaul Hasan Shumon

Day 2, 10th January 2010, Sunday, 12.15 - 1.30pm

Room 1

Day 2, 10th January 2010, Sunday/ Room 1/ 12.15-1.30 pm

MS 1/ Chairs: Dr. Farooq Sheikh

sl	Paper ID	Title	Authors
1	104	Design of a Direct Gain Passive Solar Heating System	Md. Tanbiruj Jaman
2	111	A Case Study on Implementation of New MINOMI Type Material Handling System Concept as an Element of Global Manufacturing - In a Reputed Automotive manufacturing plant.	Timir Gandhi, S.M.Bhatt
3	126	Design of Two Switch Mechanism Concepts for a Surgical Shears Device	Karthik Kollipalli,
4	144	Modularity and Duopoly: *Why it Pays to Use Proprietary Interface*	Farooq Sheikh
5	145	Measuring Organizational Leanness Using Fuzzy Approach	Seyed Mahmod Zanjirchi
6	175	Design and Kaizen of Automated Assembly Production Lines Using 3D Computer Graphics	Masatoshi , Hideki

Room 2

Day 2, 10th January 2010, Sunday/ Room 2/ 12.15-1.30 pm

SM2/ED Chairs: Dr. Abu Masud

sl	Paper ID	Title	Authors
1	225	Development of a Web based Module for Engineering Education	Dr. Liakot Ali
2	247	Demand Based Pricing Model for outsourced software application maintenance	Jagadish, Abhik
3	253	Simulation Modelling of 'PHN (public health nurse) – Dyad (a pair of new born baby and mother)' Postpartum Home Visiting System	Chowdury Luthfur Rahman
4	192	Integrated Scheduling of Equipments in a Container Terminal Using Simulation and Analytical Methods	Kulatunga, Weerasekara
5	235	Model For Forecasting Passenger Of Airport	Farzane Ahmadzade
6	283	Development of Interactive CAD Teaching System	Anuradha,Surajit
7	151	Educating Future Engineers: An Example	Abu Masud

Room 3

Day 2, 10th January 2010, Sunday/ Room 3/ 12.15-1.30 pm

OR 3/ Chairs: Dr. Abdur Rahim

sl	Paper ID	Title	Authors
1	267	A hybrid data mining model for intelligent customer segmentation	Morteza, Reza, Sahand
2	206	Solving Capacitated *P*-Median Problem by Hybrid *K*-Means Clustering and Fixed Neighborhood Search algorithm	Rashed, Sahraeian
3	242	A Tabu Search Algorithm for Determining the	Abdur Rahim, Muhammad Shakil
4	245	Stochastic Investment Decision Making with Dynamic Programming	Noor-E-Alam, John Doucette
5	307	Optimal Solution for Multi-Objective Facility Layout Problem Using Genetic Algorithm	Jannat, Khaled, Sanjoy
6	279	Application of Integer Linear Programming Model in Vendor Selection	A.John Rajan

Room 4

Day 2, 10th January 2010, Sunday/ Room 4/ 12.15-1.30 pm

SI 2/ Chairs: Prof. Michelle V. Mancenido

sl	Paper ID	Title	Authors
1	184	Measurement of Service Quality of an Automobile Service Centre	Satyendra Sharma
2	185	An Empirical Study of Educational Supply Chain Management for the Universities	Md. Mamun Habib
3	155	Reengineering of Logistics Value Chain of a Petroleum Products Marketing Company	Ranjan Kumar Mohapatra
4	246	Application of the Lean Six Sigma Problem Solving Methodology in Law Enforcement: A Case Study at the Philippine Drug Enforcement Agency	Michelle V. Mancenido
5	255	A MIMIC Model Approach for Viewers' Response Analysis	R. Chakrabarty
6	281	Application of a Plug-and-play Guidance module for Hospital	M.K.Hasan, A.S.M. Hoque, Tamas Szecsi

		Room 5	
Day 2, 10th January 2010, Sunday/ Room 5/ 12.15-1.30 pm		
GM 5/ Chairs: Dr. Park		
sl	Paper ID	Title	Authors
1	276	Process Capability Analysis of a Centrifugal Casting Process	Mondal, Maiti, Ray
2	278	Procurement Management Challenges in Gas Projects of Iran	Mohammad Vafaiee
3	315	Literature Review and Future Directions in SCM Research	Zaheed Halim
4	308	Performance Analysis of Coal fired Power Plants in India	S K Behera
5	191	Measurement of TPM Losses Due To Skill Level Difference of Workers: Case Study of a Pharmaceutical Company	Farhana Afreen Proma

Day 2, 10th January 2010, Sunday, 2.30 - 4.00pm

		Room 1	
Day 2, 10th January 2010, Sunday/ Room 1/ 2.30-4.00pm		
SS 1/ Chairs: Dr. A.B.M. Zohrul Kabir		
sl	Paper ID	Title	Authors
1	139	Behavioral Analysis of Hydraulically Driven Fire Fighting Water Monitor Trailer Subjected to Type of Fire & Ways of its Fire Protection	Amit R. Bhende
2	181	Assessment of the Risks for Workers Using FMEA: A Case Study in a Pharmaceutical Industry	Tahera Yesmin
3	274	Hazard Based Inspection-Repair Policy for Safety Systems	A.B.M. Zohrul Kabir
4	296	The Application of Occupational Safety and Health Management in Train Workshop "Balai Yasa" PT Kereta Api (Persero) Yogyakarta	Widodo Hariyono
5	141	Ensuring Safety, A Great Challenge For Electricity Distribution System	Azizur Rahman
6	312	Heuristic solution of multi item dynamic lot-sizing: A case study	Sultana Parveen

		Room 2	
Day 2, 10th January 2010, Sunday/ Room 2/ 2.30-4.00pm		
TM 1/ Chairs: Dr. Kutub Uddin		
sl	Paper ID	Title	Authors
1	107	Performance comparison of domestic refrigerator using HFC134a and HFC134a/HC refrigerant mixture	Thavamani,Herbert ,Mohan
2	136	An Industrial Application of DMECA Approach to Management Process Analysis	Azizur Rahman
3	158	Modelling Choice of Mobile Technology for M-Banking	Saifullah M Dewan
4	188	Effectiveness of Advanced Manufacturing Technologies in SMEs of auto parts manufacturing	Harvinder Singh Gill
5	224	Energy Consumption, Energy Savings and Emission Analysis	Saidur, Hasanuzzaman
6	288	Signal Assessment of a Current Transformer Used in Load Demand of Variable Active and Reactive Power Ratio	Subhasis, Surajit
7	293	^{15}N AIDED STUDIES ON LEGUME NITROGEN FIXATION IN TISTA MEANDER FLOODPLAIN SOILS OF BANGLADESH	Haque, Sattar

		Room 3	
Day 2, 10th January 2010, Sunday/ Room 3/ 2.30-4.00pm		
OR 4/ Chairs: Dr. Shams Rahman		
sl	Paper ID	Title	Authors
1	280	Preventive maintenance optimization of critical equipments in process plant using heuristic algorithms	Mahadevan ML, Poorana Kumar S, Vinodh R
2	287	Operating Point Optimization of a Poly-phase Asynchronous Machine for Energy Saving	Pinaki , Surajit
3	289	OR Modeling and Public Policies in Bangladesh: Implementation Challenges	Shams Rahman
4	292	Fuzzy clustering for initialization of simulated annealing algorithm to solve a capacitated vehicle routing problem	Mohammad H F Zarandi, Soheil Davari, Ahmad Hemmati
5	204	Optimization Technique-Supply chain In reverse Logistics	L.K.TOKE
6	300	Method and Algorithm for solving the Bicriterion Network Problem	Hossain M. Akter
7	277	APPLICATION OF INTEGER LINEAR PROGRAMMING MODEL IN VENDOR SELECTION	Rajan

		Room 4	
Day 2, 10th January 2010, Sunday/ Room 4/ 2.30-4.00pm		

sl	Paper ID	Title	Authors
PM 1/SI 3 Chairs: Dr. Iqbal			
sl	Paper ID	Title	Authors
1	306	Dynamic Analysis of Petrochemical Project Progress	Yousefi Fatemeh
2	116	Development of an Integrated Method for Analysing Ergonomic Compliance of a Workstation	I.K. Chopde
3	140	Investigating the Relation between Ergonomic Risk Factors and Muskuloskeletal Disorder (MSDS) of Computer Operators	Mohammad Iqbal
4	146	The effect of display type and video game type on visual fatigue and mental workload	Chih-Long Lin, Mao-Jiun J. Wang
5	208	Design of a Facial Prosthesis	Shafayet Hossain Bhuiya
6	150	A Model for Automatic Preventive Maintenance scheduling and an Application Data Base Software	Mukaddes
7	106	Contemporary Model for Project Selection in Changing World	Mirza
		Room 5	

Day 2, 10th January 2010, Sunday/ Room 5/ 2.30-4.00pm

sl	Paper ID	Title	Authors
IS 1/ Chairs: Dr. Ameer Ali			
sl	Paper ID	Title	Authors
1	109	Biomedical Signal Processing and Applications	Muhammad Ibn Ibrahimy
2	195	Artificial Intelligent Computational Techniques to Optimize Constrained Distribution Operations	Dharmapriya, Siyambalapitiy
3	197	Analysis of Brainwave Signals to Describe User Preference from Similar Products	G. Mohammad, M. Aurup
4	217	A Layered Reconfigurable Lightweight RFID Reader Protocol	Bhattacharjya
5	228	Grounded linguistic symbols and WordNet Ontologies	Samir K. Borgohain
6	232	ADVANCED DESIGN FOR ROBOT IN MARS EXPLORATION	Arun, P., Prakash, P., G. Gopu
7	272	Smart Driving: A New Approach to Meeting Driver Needs	Ammer Ali

Day 2, 10th January 2010, Sunday, 4.15 - 5.00pm

IE/OM Application in Bangladesh Industries: Panel Discussion

Coordinator: Dr. Shams Rahman

Professor & Head, Logistics & Supply Chain Program, RMIT University , Melbourne, Australia

Room 1