VOLUME: 5 ISSUE: 9 ISSN: 2309-5032

Library Bulletin

CIIT Lahore

September, 2016

IN THIS ISSUE

Library Information Services

COMSATS Institute of Information Technology
Defense Road off Raiwind Road Lahore.
Tel: 042-111-001-007, Ext. 855
Email: libraryciitlahore@ciitlahore.edu.pk
http://library.ciitlahore.edu.pk/

News of the month

Training on

ISO 9001-2015 certification

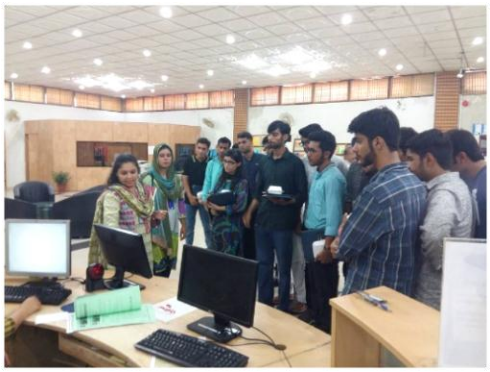
A training regarding ISO 9001-2015 certification has organized at CIIT-Lahore on 30-31, August, 2016. As library representatives, Mr. Muhammad Tariq Najmi Library In-charge and Ms. Nasira Muneer attend 2-days training. Staff told that there were many things to learn and will definitely bring the positive change in library activities and services.

Birthday Celebrations

CIIT Lahore Library staff celebrated the birthday of Sir Muhammad Tariq Najmi & Mr. Naveed Siddique. Everyone wished them a wonderful birthday. We wish their every day to be filled with lots of love, laughter, happiness and the warmth of sunshine. Aameen

Orientation Session for spring intake, 2017

We Congratulate and welcome to our new intake of the fall, 2017. New Students Orientation (NSO) officially began on Sunday, September 04, 2016. Library Staff welcomed newly admitted students. Mr. Muhammad Ishtiaq, Mr. Naveed Siddique, Ms. Nasira Muneer, Ms. Fatima Usman, Ms. Aiman Shahnawaz Mr. Sajjad Ahmad, and Mr. Zaib Hassan briefed to the new library users about library rules, membership, resources and services. Students showed great interest in library resources and services.



CIIT Lahore faculty Research Output, 2015 published by LIS

We are pleased to announce that one more publication of Library Information Services, CIIT Lahore entitled "Research Output 2015 by CIIT Lahore Faculty Members: Abstract Book" now is available through the link: http://library.ciitlahore.edu.pk/publications/RO2015.pdf

This abstract book consists of the papers which were published during the year 2015 and at CIIT Lahore platform. The purpose of this compilation is to record the research work of our faculty members and also to facilitate the users to get all the research papers of all departments in one binding. I am also sure that this compilation will provide the guidelines to new researchers of CIIT and to the researchers of other institutes as well.

Journals' Table of contents

Mehran university research journal of engineering and technology

Volume 35 no 4, 2016

Information Assurance for Enterprise Resource Planning Systems: Risk Considerations in Public Sector Organizations
Shahzad Naeem , Muhammad Hasan Islam

Comparison of Gain Measurement Techniques for Characterization of Quantum Dot Lasers
Hifsa shahid

Tuning COCOMO-II for Software Process Improvement: A Tool Based Approach
Syeda umema hani , Abu turab alam , Abdul basit shaikh

Optimum Insulation Thickness for Walls and Roofs for Reducing Peak Cooling Loads in Residential Buildings in Lahore
Sibgha siddique , Sabahat arif , Arif khan

A Study to Investigate the Consumer Behavior and Cultural Dimensions of Engineering Students in Pakistan
Faryal salman , Usman ali warraich

Multi-Touch Collaborative Gesture Recognition Based User Interfaces as Behavioral Interventions for Children with Autistic Spectrum Disorder: A Review
Ahmed hassan, Muhammad shafi ,Muhammad irfan khattak

Supporting Adaptation of Wireless Communication Protocols
Lachhman Das dhomeja, Irfan ali soomro ,Yasir arfat malkani

A Novel Approach for Blind Estimation of Reverberation Time using Rayleigh Distribution Model
Amad Hamza,tariqullah jan ,Amjad ali

An Effective Channel Allocation Scheme to Reduce Co-Channel and Adjacent Channel Interference for WMN Backhaul
Shazia abbasi, Imdad ali ismaili , Fahim yar khuhawar

Impact of TQM and Technology Management on Organizational Performance
Muhammad tasleem, Nawar khan ,Syed athar masood

A Direction-Based Make-Before-Break Routing Protocol for Vehicular Ad Hoc Networks
Usman hassan, Fahim gohar awan, Suhail aftab qureshi

Effect of Compaction on Compressive Strength of Unfired Clay Blocks
Nawab ali lakho, Muhammad auchar zardari , Ashfaque ahmed pathan

Optimizing WiMAX: Mitigating Co-Channel Interference for Maximum Spectral Efficiency
Abdul qadir ansari, Abdul lateef memon , Imran ali Qureshi

Two-Dimensional Stagnation-Point Velocity-Slip Flow and Heat Transfer over Porous Stretching Sheet
Feroz ahmed soomro, Qiang zhang ,Syed feroz shah

LED Based Optical Wireless Communication System for WBAN
Attiya baqai, Fahim aziz umrani , Bhawani shankar chowdhry

IEEE transaction on wireless communication

Volume: 15 No 8, 2016

Transmit Precoding in Underlay MIMO Cognitive Radio With Unavailable or Imperfect Knowledge of Primary Interference Channel . Mohannad H. Al-Ali and K. C. Ho 5143

Impact of Sub-Band Correlation on SFR and Comparison of FFR and SFR . Suman Kumar, Sheetal Kalyani, and K. Giridhar 5156

Low-Complexity Opportunistic Transmission Schemes for Multi-User Multi-Relay Asymmetric Bidirectional Relaying Networks . Jing Li, Yu Zheng, Jianhua Ge, Chensi Zhang, Fengkui Gong, and Mohsen Guizani 5167

Coordinated Shared Spectrum Precoding With Distributed CSIT . Miltiades C. Filippou, Paul de Kerret, David Gesbert, Tharmalingam Ratnarajah, Adriano Pastore, and George A. Ropokis 5182

On the Sum Rate of Fair Resource Allocation With Selective Feedback .Zhong Zheng, Jyri Hämäläinen, and Zhi Ding 5193

A Low Complexity Multi-Carrier System Over Doubly Selective Channels Using Virtual-Trajectories Receiver .F. Peña-Campos, Ramon Parra-Michel, and Valeri Kontorovich 5206

Optimal Pricing and Admission Control for Heterogeneous Secondary Users . Changkun Jiang, Lingjie Duan, and Jianwei Huang 5218

Shadowed Fading in Indoor Off-Body Communication Channels: A Statistical Characterization Using the κ–μ/Gamma Composite Fading Model . Seong Ki Yoo, Simon L. Cotton, Paschalis C. Sofotasios, and Steven Freear 5231

Exact ZF Analysis and Computer-Algebra-Aided Evaluation in Rank-1 LoS Rician Fading .... Constantin Siriteanu, Akimichi Takemura, Christoph Koutschan, Satoshi Kuriki, Donald St. P. Richards, and Hyundong Shin 5245

Energy-Efficient Mobile Association in Heterogeneous Networks With Device-to-Device Communications .Sa Xiao, Xiangwei Zhou, Daquan Feng, Yi Yuan-Wu, Geoffrey Ye Li, and Wei Guo 5260

Delay-Aware Wireless Powered Communication Networks—Energy Balancing and Optimization .Qizhong Yao, Aiping Huang, Hangguan Shan, Tony Q. S. Quek, and Wei Wang 5272

Multi-User Massive MIMO Communication Systems Based on Irregular Antenna Arrays . Beamforming for Information and Energy Cooperation in Cognitive Non-Regenerative Two-Way Relay Networks . Quanzhong Li, Qi Zhang, and Jiayin Qin 5302

A Contract-Based Incentive Mechanism for Delayed Traffic Offloading in Cellular Networks. Yuqing Li, Jinbei Zhang, Xiaoying Gan, Luoyi Fu, Hui Yu, and Xinbing Wang 5314

Cooperative Interference Mitigation for Heterogeneous Multi-Hop Wireless Networks Coexistence . Yantian Hou, Ming Li, Xu Yuan, Y. Thomas Hou, and Wenjing Lou 5328

Sum-Rate Maximization for Energy Harvesting Nodes With a Generalized Power Consumption Model . Maria Gregori, Miquel Payaró, and Daniel P. Palomar 5341 Proportional-Fair Resource Allocation for Coordinated Multi-Point Transmission in LTE-Advanced .Somayeh Mosleh, Lingjia Liu, and Jianzhong Zhang 5355

On the Throughput of Multi-Source Multi-Destination Relay Networks With Queueing Constraints .Yi Li, M. Cenk Gursoy, and Senem Velipasalar 5368

Energy and Spectral Efficient Frequency Reuse of Ultra Dense Networks Liyan Su, Chenyang Yang, and Chih-Lin I 5384

Optimal Reliability in Energy Harvesting Industrial Wireless Sensor Networks. Lei Lei, Yiru Kuang, Xuemin Shen, Kan Yang, Jian Qiao, and Zhangdui Zhong 5399

A Factor Graph Approach to Iterative Channel Estimation, Detection, and Decoding for Two-Path Successive Relay Networks . Frederic Lehmann 5414

Collaborative Spectrum Sensing via Online Estimation of Hidden Bivariate Markov Models. Yuandao Sun, Brian L. Mark, and Yariv Ephraim 5430

Energy Harvesting Transmitters That Heat Up: Throughput Maximization Under Temperature Constraints. Omur Ozel, Sennur Ulukus, and Pulkit Grover 5440

On the Wireless Channel Characteristics of Outdoor-to-Indoor LTE Small Cells . Aliye Özge Kaya and Doru Calin 5453

Impacts of Social Relationships and Inhomogeneous Node Distribution on the Network Performance . Kechen Zheng, Jinbei Zhang, Shuochao Yao, Weijie Wu, Xinbing Wang, and Chunyi Peng 5467

Large System Analysis of Base Station Cooperation for Power Minimization . Luca Sanguinetti, Romain Couillet, and Mérouane Debbah 5480

Optimal Relay Selection and Power Control With Quality-of-Service Provisioning in Wireless Body Area Networks . Hussein Moosavi and Francis Minhthang Bui 5497

Multi-Objective Optimization for Robust Power Efficient and Secure Full-Duplex Wireless Communication Systems . Yan Sun, Derrick Wing Kwan Ng, Jun Zhu, and Robert Schober 5511

Energy-Efficient Packet Scheduling With Finite Blocklength Codes: Convexity Analysis and Efficient Algorithms . Shengfeng Xu, Tsung-Hui Chang, Shih-Chun Lin, Chao Shen, and Gang Zhu 5527

Permutation-Based Noncoherent Space-Time Codes With Analog Energy Detection for IR-UWB Communications With PPM . Chadi Abou-Rjeily 5541

Adaptive Pilot Clustering in Heterogeneous Massive MIMO Networks . Rami Mochaourab, Emil Björnson, and Mats Bengtsson 5555

Physical Layer Security in Millimeter Wave Cellular Networks . Chao Wang and Hui-Ming Wang 5569

An Adaptive Transmission Scheme for Cognitive Decode-and-Forward Relaying Networks: Half Duplex, Full Duplex, or No Cooperation . Edgar Eduardo Benítez Olivo, Diana Pamela Moya Osorio, Hirley Alves, José Cândido Silveira Santos Filho, and Matti Latva-aho 5586

Coverage Performance Analysis of FeICIC Low-Power Subframes . Haonan Hu, Jialai Weng, and Jie Zhang 5603

Weighted Sum-Rate Maximization for MIMO Downlink Systems Powered by Renewables . Shuyan Hu, Yu Zhang, Xin Wang, and Georgios B. Giannakis 5615

Load Balancing With 3-D Beamforming in Macro-Assisted Small Cell Architecture . Bo Yu, Liuqing Yang, and Hiroyuki Ishii 5626

Linear Physical-Layer Network Coding and Information Combining for the K-User Fading Multiple-Access Relay Network .Lei Yang, Tao Yang, Yixuan Xie, Jinhong Yuan, and Jianping An 5637

Cooperation via Spectrum Sharing for Physical Layer Security in Device-to-Device Communications Underlaying Cellular Networks Rongqing Zhang, Xiang Cheng, and Liuqing Yang 5651

Performance of Quantized Random Beamforming in Delay-Tolerant Machine-Type Communication . Alexis A. Dowhuszko, Graciela Corral-Briones, Jyri Hämäläinen, and Risto Wichman 5664

Statistical Multiplexing Gain Analysis of Heterogeneous Virtual Base Station Pools in Cloud Radio Access Networks . Jingchu Liu, Sheng Zhou, Jie Gong, Zhisheng Niu, and Shugong Xu 5681

Performance Analysis of Network-Assisted D2D Discovery in Random Spatial Networks . Dionysis Xenakis, Marios Kountouris, Lazaros Merakos, Nikos Passas, and Christos Verikoukis 5695

Application of Extra Sensing by Stochastic-Modeled Secondary Users Over a Medium-Traffic Network . Ramtin Rabiee and Kwok Hung Li 5708

Anti-Eavesdropping Schemes for Interference Alignment (IA)-Based Wireless Networks . Nan Zhao, F. Richard Yu, Ming Li, and Victor C. M. Leung 5719

United Against the Enemy: Anti-Jamming Based on Cross-Layer Cooperation in Wireless Networks . Liyang Zhang, Zhangyu Guan, and Tommaso Melodia 5733

On the Optimal Feedback Rate in Interference-Limited Multi-Antenna Cellular Systems . Jeonghun Park, Namyoon Lee, Jeffrey G. Andrews, and Robert W. Heath, Jr. 5748

Phase Modulation on the Hypersphere . Mohammad Ali Sedaghat, Ralf R. Müller, and Christoph Rachinger 5763

Compressed Control of Complex Wireless Networks . Beatriz Lorenzo and Savo Glisic 5775

Optimal Energy Harvesting Protocols for Wireless Relay Networks . Saman Atapattu and Jamie Evans 5789

Simultaneous Wireless Information and Power Transfer in K-Tier Heterogeneous Cellular Networks . Sunila Akbar, Yansha Deng, Arumugam Nallanathan, Maged Elkashlan, and Abdol-Hamid Aghvami 5804

Cross-Layer Optimization for Multi-Hop Wireless Networks With Successive Interference Cancellation . Canming Jiang, Yi Shi, Xiaoqi Qin, Xu Yuan, Y. Thomas Hou, Wenjing Lou, Sastry Kompella, and Scott F. Midkiff 5819

IEEE transaction on communication

Volume: 64 No 8, 2016

A Hybrid EF/DF Protocol With Rateless Coded Network Code for Two-Way Relay Channels . D. Jia, Z. Fei, J. Yuan, S. Tian, and J. Kuang 3133

On the MacWilliams Identity for Classical and Quantum Convolutional Codes.-Y. Lai, M.-H. Hsieh, and H.-F. Lu 3148

Optimization Design and Asymptotic Analysis of Systematic Luby Transform Codes Over BIAWGN Channels . S. Xu and D. Xu 3160

Channel Models for Multi-Level Cell Flash Memories Based on Empirical Error Analysis . V. Taranalli, H. Uchikawa, and P. H. Siegel 3169

A Class of Binary Locally Repairable Codes . M. Shahabinejad, M. Khabbazian, and M. Ardakani 3182

Non-Binary LDPC Codes for Magnetic Recording Channels: Error Floor Analysis and Optimized Code Design . A. Hareedy, B. Amiri, R. Galbraith, and L. Dolecek 3194

Design of LDPC Codes Based on Multipath EMD Strategies for Progressive Edge Growth. T. Healy and R. C. de Lamare 3208

Cognitive Radio Systems Performance Analysis of Spatial Modulation in Overlay Cognitive Radio Communications .A. Alizadeh, H. R. Bahrami, and M. Maleki 3220

Energy-Aware Cooperative Wireless Networks With Multiple Cognitive Users . M. Ashour, M. M. Butt, A. Mohamed, T. ElBatt, and M. Krunz 3233

Cooperative/Relay Systems Resource Allocation and Fairness in Wireless Powered Cooperative Cognitive Radio Networks . S. S. Kalamkar, J. P. Jeyaraj, A. Banerjee, and K. Rajawat 3246

Distributed Concatenated Recursive Alamouti-Circulant STBC for Two-Way Multi-Relay Networks . F.-K. Gong, G. Li, J. Ge, and J. Yuan 3262

A Low-Complexity Power Allocation Strategy to Minimize Sum-Source-Power for Multi-User Single-AF-Relay Networks. S. Wang, R. Ruby, V. C. M. Leung, and Z. Yao 3275

Capacity Scaling Laws in Interference-Limited Multiple-Antenna AF Relay Networks With User Scheduling . I. Trigui, S. Affes, and A. Stéphenne 3284

Data Compression Reading Damaged Scripts: Partial Packet Recovery Based on Compressive Sensing for Efficient Random Linear Coded Transmission . M. S. Mohammadi, Q. Zhang, and E. Dutkiewicz 3296

Information Theory Zero-Delay Joint Source-Channel Coding in the Presence of Interference Known at the Encoder . M. Varasteh, D. Gündüz, and E. Tuncel 3311

(Contents Continued on Back Cover) (Contents Continued from Front Cover) MIMO Networked MIMO With Fractional Joint Transmission in Energy Harvesting Systems . J. Gong, S. Zhou, and Z. Zhou 3323

Hybrid Beamforming in mm-Wave MIMO Systems Having a Finite Input Alphabet . R. Rajashekar and L. Hanzo 3337

On the Superiority of Improper Gaussian Signaling in Wireless Interference MIMO Scenarios . S. Lagen, A. Agustin, and J. Vidal 3350

MIMO Interference Channel Between Spatial Multiplexing and Spatial Modulation. A. Basnayaka and H. Haas 3369

Time-Reversal Massive Multipath Effect: A Single-Antenna “Massive MIMO” Solution . Y. Han, Y. Chen, B. Wang, and K. J. R. Liu 3382

Modulation/Detection A Necessary Condition for Waveforms With Better PAPR Than OFDM . M. Chafii, J. Palicot, R. Gribonval, and F. Bader 3395

Network Coding Source-Interference Recovery Over Broadcast Channels: Asymptotic Bounds and Analog Codes . A. Abou Saleh, F. Alajaji, and W.-Y. Chan 3406

Networks Scaling of On-Demand Broadcast Scheduling in Stressed Networks. J. Zhou, J. R. Fox, R. Q. Hu, and Y. Qian 3419

Cooperation in 5G Heterogeneous Networking: Relay Scheme Combination and Resource Allocation . Z. Chen, T. Li, P. Fan, T. Q. S. Quek, and K. B. Letaief 3430

Biologically Inspired Bio-Cyber Interface Architecture and Model for Internet of Bio-NanoThings Applications . U. A. K. Chude-Okonkwo, R. Malekian, and B. T. Maharaj 3444

Performance Enhancement of Multipath TCP for Wireless Communications With Multiple Radio Interfaces . P. Dong, J. Wang, J. Huang, H. Wang, and G. Min 3456

Strategic Power Allocation With Incomplete Information in the Presence of a Jammer . R. El-Bardan, S. Brahma, and P. K. Varshney 3467

Optical Communication Two-Stage Code Acquisition in Wireless Optical CDMA Communications Using Optical Orthogonal Codes. Mirzaei Nejad, L. A. Rusch, and J. A. Salehi 3480

Physical Layer Security Secure Communication in Uplink Transmissions: User Selection and Multiuser Secrecy Gain . H. Deng, H.-M. Wang, J. Yuan, W. Wang, and Q. Yin 3492

An Analysis on Secure Communication in Millimeter/Micro-Wave Hybrid Networks . S. Vuppala, S. Biswas, and T. Ratnarajah 3507

Sensor Networks A Power-Efficient Scheme for Wireless Sensor Networks Based on Transmission of Good Bits and Threshold Optimization . J. Haghighat and W. Hamouda 3520

Wireless Communications Mode Selection, Resource Allocation, and Power Control for D2D-Enabled Two-Tier Cellular Network . Y. Huang, A. A. Nasir, S. Durrani, and X. Zhou 3534

Flexible Design for α-Duplex Communications in Multi-Tier Cellular Networks .A. AlAmmouri, H. ElSawy, and M.-S. Alouini 3548

An Empirical Random-Cluster Model for Subway Channels Based on Passive Measurements in UMTS . X. Cai, X. Yin, X. Cheng, and A. Pérez Yuste 3563

On HARQ-IR for Downlink NOMA Systems . J. Choi 3576

News Clipping of the month

Title : **COMSATS Convocations, 2016**

Source : The News p.4, Jung p.5, Khabrain p.3

Dated : September 22, 2016

COMSATS

CONVOCATIONS-2016

A Celebration of Success

COMSATS Institute of Information Technology (CIIT) congratulates all the graduating students on completing a major milestone in their lives. The students who have completed their degree requirements in Spring 2016 semester are eligible to participate in the convocations being organized as per following schedule:

Convocation #	Campus	Date	Venue	Contact Person for registration
90th	Wah (Morning)	30th September 2016	Wah Campus	**Mr. Muhammad Tariq Zafar** Deputy Controller of Examinations Email: **tariqchishty@comsats.edu.pk** Cell: 0342-5000352, Ph: 051-4534200-2, (Ext: 222 & 223)
91st	Attock (Morning)	1st October 2016	Attock Campus	**Mr. Muhammad Ilyas Janjua** Assistant Controller of Examinations Email: **ilyas@ciit-attock.edu.pk** Cell: 0300-9723566, Ph: 057-9316330-31, (Ext:107)
92nd & 93rd	Abbottabad (Morning)/ (Evening)	3rd October 2016	Abbottabad Campus	**Ms. Amber Sardar** Assistant Registrar Student Affairs Email: **studentaffairs@ciit.net.pk** Cell: 0346-6111189, Ph: 0992-383591-6, (Ext:351) Fax: 0992-383441, UAN: 0992-111-001-007
94th	Vehari (Evening)	7th October 2016	Vehari Campus	**Mr. Safdar Abbas** Assistant Controller of Examinations Email: **safdar@ciitvehari.edu.pk** Cell: 0300-8919960, Ph: 067-3028394
95th	Sahiwal (Morning)	8th October 2016	Sahiwal Campus	**Mr. Irtiza Zafar** Deputy Controller of Examinations Email: **examination@ciitsahiwal.edu.pk** Cell: 0346-7460666, Ph: 040-4305001-5
96th	Islamabad	18th October 2016	Jinnah Convention Center	**Mr. Anayat-ur-Rehman** Deputy Controller of Examinations Email: **convocation@comsats.edu.pk** Ph: 051-90495196 & 90495136, UAN: 051-111-001-007 (Ext:5196 & 5136)

The participants must

- Register for convocation at their respective campuses by sending registration form via e-mail, by post or CIIT web portal where applicable at least 5 days before the convocation date.
- Collect attire in person from the campus by depositing Rs.1,000/- (refundable security).
- Participate in full dress rehearsal one day before the convocation at the given convocation venue.
- Be present at the convocation venue at least 03 hours before the start of convocation as per schedule provided by the respective Campus.

For registration details, please visit your respective Campus or its website

Registrar

COMSATS Institute of Information Technology

www.comsats.edu.pk

Title : **18th MAP Convention**
Source : The News, p.2
Dated : September 22, 2016

Title : **COMSATS at no.1 among Pakistani universities**
Source : Nai Baat, City page

Dated : September 23, 2016
Web Link : http://naibaat.com.pk/Pre/lahore/Page02.aspx

کامسیٹ یونیورسٹی کو 2016-17ء کی نمبرون قرار دیدیا گیا

رینکنگ ٹائمز ہائر ایجوکیشن ورلڈ یونیورسٹی رینکنگ کی طرف سے کی گئی، ڈاکٹر ایس ایم جنید زیدی

لاہور (نئی بات نیوز) کامسیٹ یونیورسٹی کو 2016-17ء کی پاکستان کی نمبرون یونیورسٹی قرار دیا گیا ہے۔ رینکنگ کے لیے دُنیا کی آٹھ یونیورسٹیوں کا جائزہ لیا گیا جس میں کامسیٹ کو پاکستان کی نمبرون اور دنیا بھر میں چھ سو ایک نمبر پر قرار دیا گیا، یہ رینکنگ ٹائمز ہائر ایجوکیشن ورلڈ یونیورسٹی رینکنگ کی طرف سے کی گئی۔ دُنیا کی بہترین یونیورسٹیوں کی رینکنگ طے کرنے کے لیے ٹائمز ہائر ایجوکیشن ورلڈ یونیورسٹی رینکنگ دنیا کا واحد ادارہ ہے۔ رینکنگ کا تعین کرنے کے لیے تدریس و تحقیق کے طریقہ ہائے کار کو عالمی تناظر میں دیکھا جاتا ہے۔ پاکستان کے شعبہ تعلیم اور ہائر ایجوکیشن کے لیے یہ فخر کا سبب ہے۔ یہ اعزاز کامسیٹ شعبہ انفارمیشن ٹیکنالوجی کی جدت، کوالٹی ایجوکیشن کی فراہمی اور تحقیق کا نتیجہ ہے۔ سی آئی آئی ٹی کے ریکٹر ڈاکٹر ایس ایم جنید زیدی نے وزیراعظم پاکستان کے تعاون اور وزیر برائے سائنس و ٹیکنالوجی رانا تنویر احمد کی سرپرستی کو سراہتے ہوئے کہا کہ اس رہنمائی کے بغیر اس رینکنگ کا حصول ممکن نہیں تھا۔

Title : **Top 600 Universities of the world and COMSATS**
Source : Dunya, p.8

Dated : September 23, 2016
Web Link : http://e.dunya.com.pk/detail.php?date=2016-09-23&edition=LHR&id=2625518_63751939

دنیا کی 600 بہترین جامعات میں ایک بھی پاکستانی یونیورسٹی شامل نہیں

لاہور (سید سجاد کاظمی سے) ٹائمز ہائر ایجوکیشن انٹرنیشنل کی یونیورسٹی رینکنگ 17-2016ء میں پہلی 600 جامعات میں ایک بھی پاکستانی یونیورسٹی شامل نہیں جبکہ بھارت، چین اور سعودی عرب بہترین 600 یونیورسٹیوں میں جگہ بنانے میں کامیاب ہوگئے۔ 601 نمبر پر کامسٹ انسٹی ٹیوٹ آف انفارمیشن ٹیکنالوجی، نیشنل یونیورسٹی آف سائنس اینڈ ٹیکنالوجی اور قائداعظم یونیورسٹی نمایاں رہیں۔ 22 ستمبر 2016 کو ٹائمز ہائر ایجوکیشن رینکنگ 17-2016 کی رپورٹ کے مطابق دنیا بھر سے 980 یونیورسٹیز کو رینکنگ میں شامل کیا گیا۔ 801 نمبر پر مزید پاکستان کی 4 یونیورسٹیاں جن میں ایگری کلچر یونیورسٹی فیصل آباد، بہاؤالدین زکریا یونیورسٹی ملتان، یونیورسٹی آف کراچی شامل ہیں۔ رینکنگ 17-2016 میں یونیورسٹیوں کے 13 عوامل کو مدنظر رکھا گیا۔ اگر موجودہ رینکنگ کا تقابلی جائزہ لیا جائے تو پاکستان کے برعکس 600 صفحہ اول کی یونیورسٹیوں میں بھارت کی 8، چین کی 21، سعودی عرب کی 3 ہانگ کانگ کی 6، تائیوان کی 8 ترکی کی 12 جبکہ لبنان کی ایک یونیورسٹی شامل ہے۔

Title : **NACTE Parent/Student Alert**
Source : Dawn, p.22

Dated : September 26, 2016
Web Link : http://epaper.dawn.com/?page=25_09_2016_122

National Accreditation Council for Teacher Education (NACTE) PAKISTAN

Parent/Student Alert

Confirm Accredited Status of Teacher Education Programme before Admission

National Accreditation Council for Teacher Education (NACTE) is a national organization authorized to accredit Teacher Education programmes. Accreditation is mandatory under Government/HEC rules for Teacher Education programmes offered by all public and private sector institutions in the country.

All public and private institutions offering Teacher Education programmes have been asked to get the accreditation of their programmes. It may cause non-acceptance of the degrees and graduates of unaccredited programmes by HEC/NACTE. This will not only affect future prospects of the students but may cause embarrassment for the concerned institutions.

It has been noticed that Teacher Education programmes in some universities and colleges are being initiated/continued without accreditation from NACTE. In the larger interest of the public and the institutions, it is necessary that commencement of any new or existing Teacher Education programme must only be made after full compliance of Council's prerequisites. **Parents, particularly the students seeking admission in any Teacher Education programme are advised to confirm its accreditation status prior to their admission.**

List of accredited and under process Teacher Education programmes is available at NACTE website: **www.nacte.org.pk**

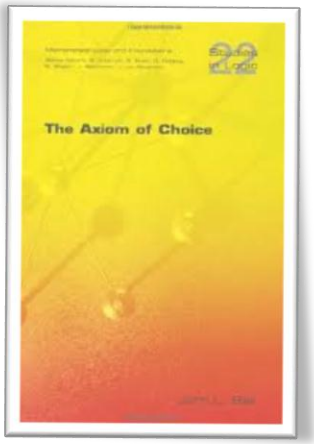
Note: For any inquiry, suggestions or apprehension, please visit our website or contact us.

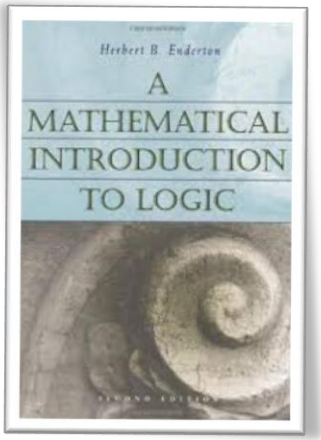
Prof. Dr. Riaz ul Haq Tariq
Chairperson
National Accreditation Council for Teacher Education, Pakistan
Islamabad Office: Sports Block, HRD Building HEC,H-8/1, Islamabad.
Phone: 051-90808155-6 042-99232492 Fax: 042-99232025

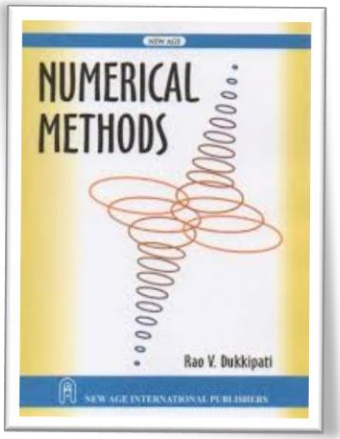
PD(01509)16

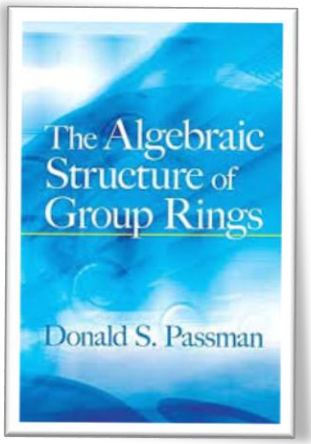
New Arrivals

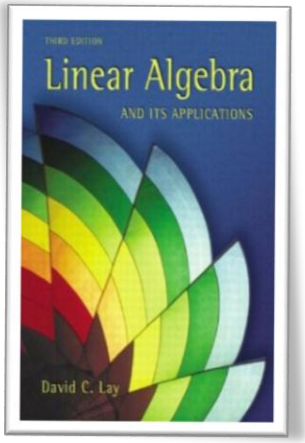
Click the image to view the bibliographic details

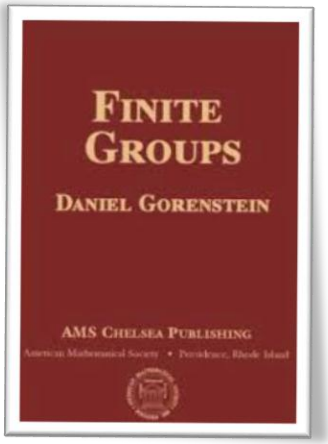


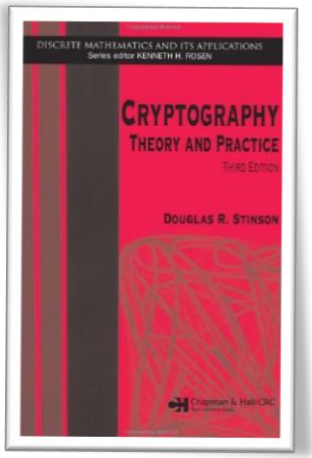


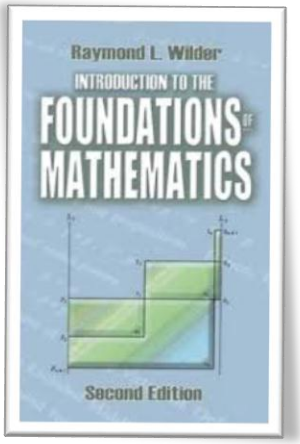


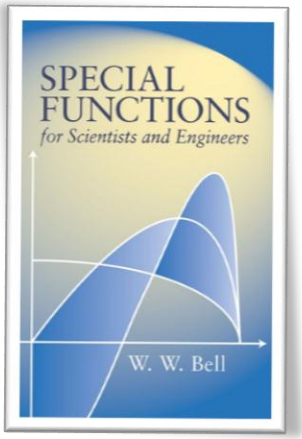


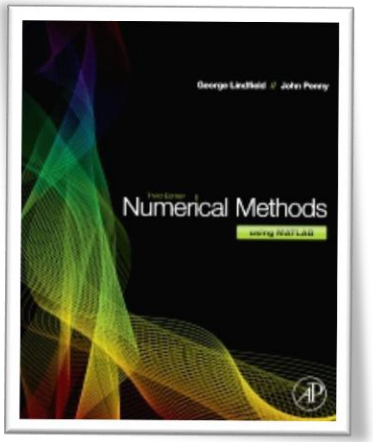


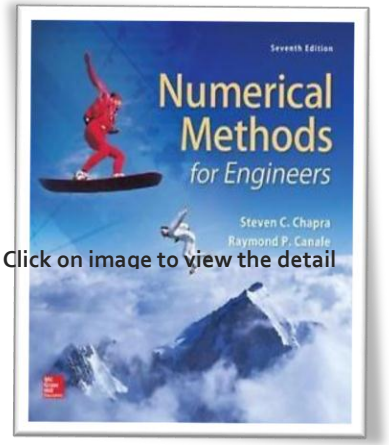




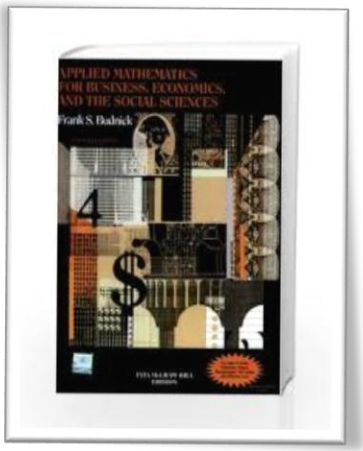


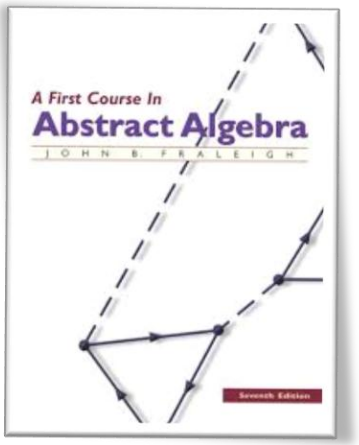


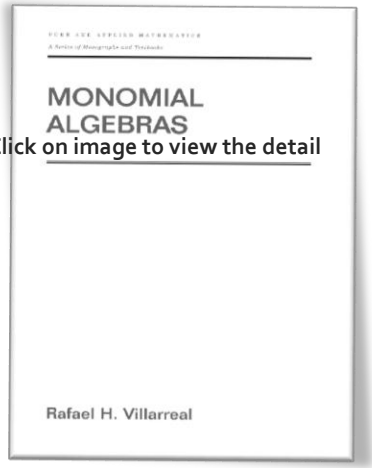




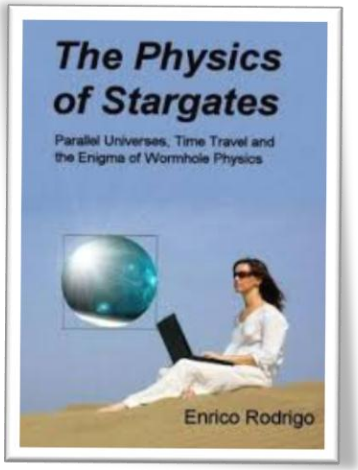
Click on image to view the detail

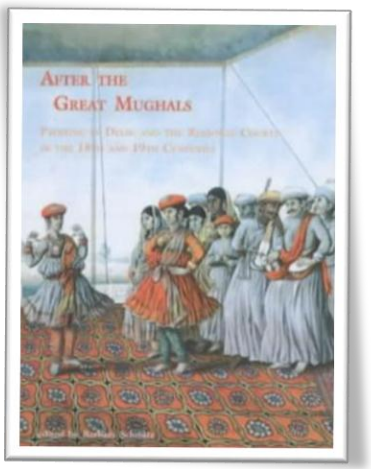


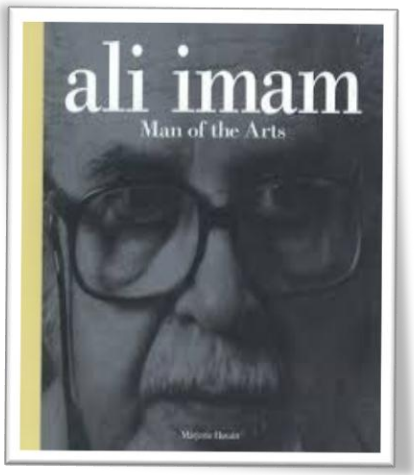


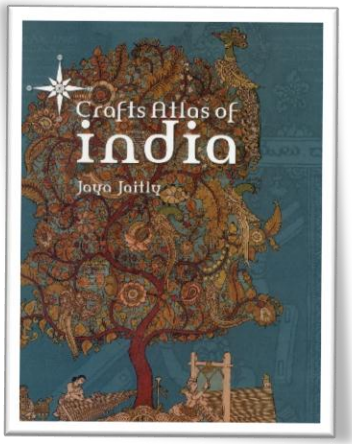


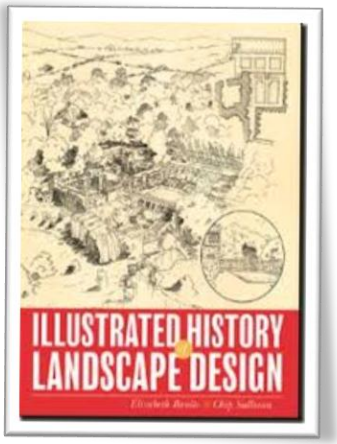
Click on image to view the detail

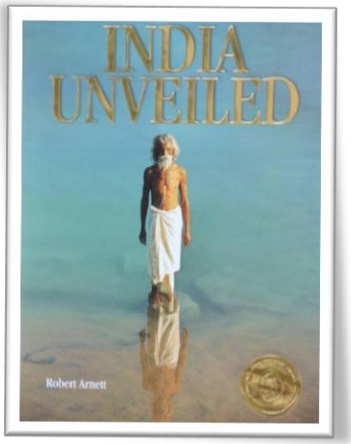


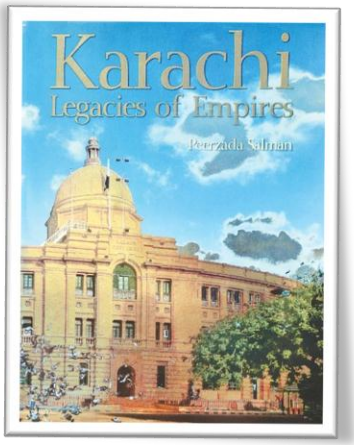


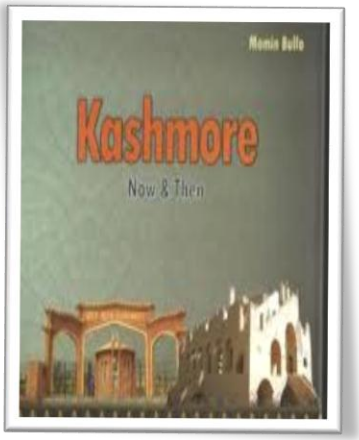


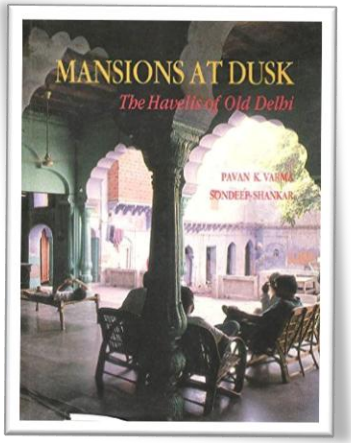




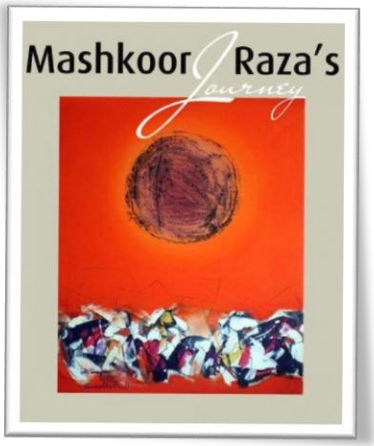


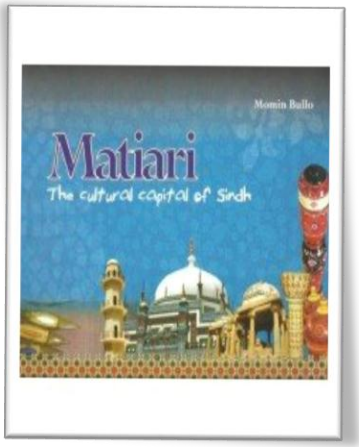


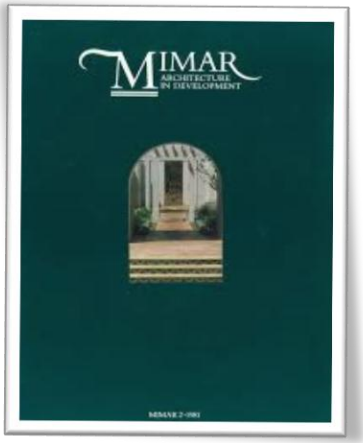


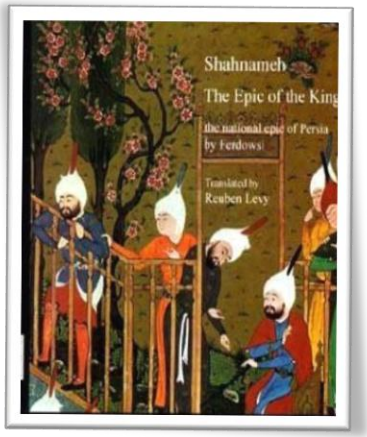


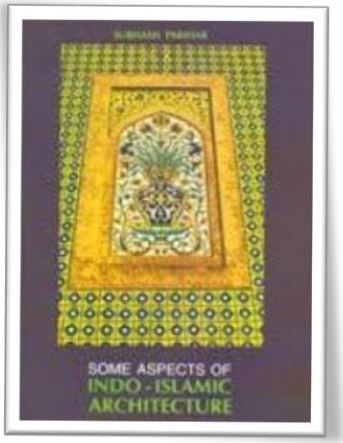
Click on image to view the detail

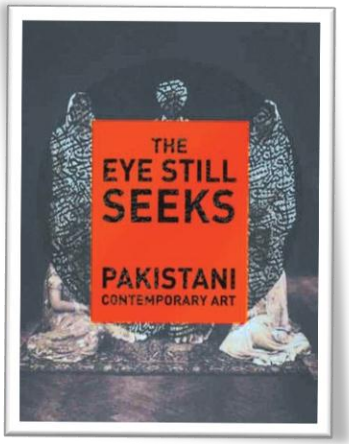


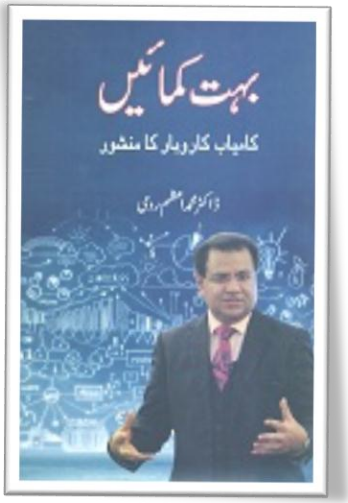


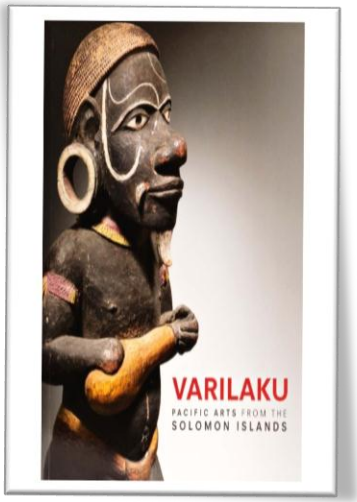


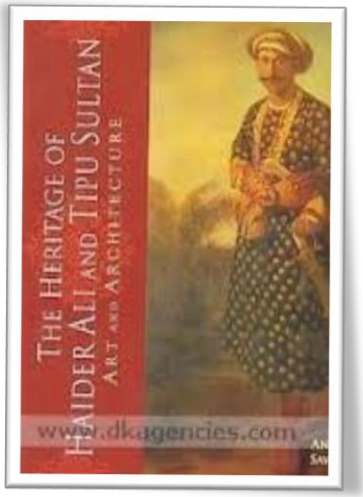

Shahnameh
The Epic of the King
the national epic of Persia
by Ferdows
Translated by
Reuben Levy

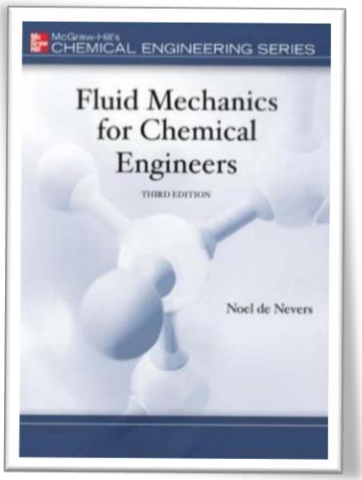

SOME ASPECTS OF
INDO-ISLAMIC
ARCHITECTURE

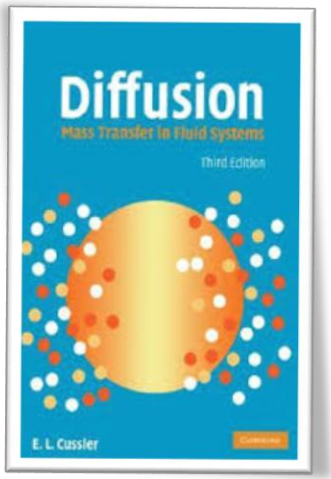

THE
EYE STILL
SEEKS
PAKISTANI
CONTEMPORARY ART

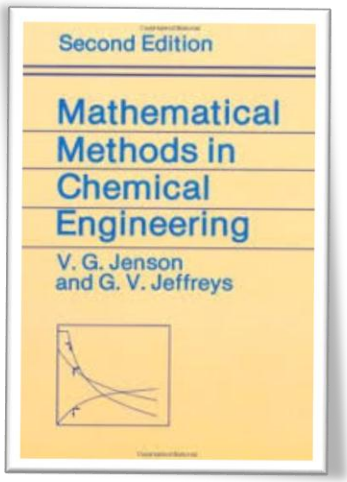

بہت کمائیں
کامیاب کاروبار کا منشور


VARILAKU
PACIFIC ARTS FROM THE
SOLOMON ISLANDS


THE HERITAGE OF
HAIDER ALI AND TIPU SULTAN
ART AND ARCHITECTURE
www.dkagencies.com


McGraw-Hill's
CHEMICAL ENGINEERING SERIES
Fluid Mechanics
for Chemical
Engineers
THIRD EDITION
Noel de Nevers


Diffusion
Mass Transfer in Fluid Systems
Third Edition
E. L. Cussler


Second Edition
Mathematical
Methods in
Chemical
Engineering
V. G. Jenson
and G. V. Jeffreys

Contact Information

For any query, suggestions and comments, please feel free to contact undersign.

Naveed Siddique

Serial Section

COMSATS Institute of Information Technology
Defense Road, Off Raiwind Road, Lahore – Pakistan
Email: libraryciitlahore@ciitlahore.edu.pk
Email: nsiddique@ciitlahore.edu.pk
Phone #: +92 111 001 007 Ext. 856
Cell # 0321 4939589
URL: http://library.ciitlahore.edu.pk