

### LIBRARY BULLETIN

#### Volume No: 8 Issue: 13 ISSN: 2309-5032

#### COMSATS University Islamabad, Lahore Campus.



Library Information Services. COMSATS University Islamabad, Lahore Campus. Defense Road, Off Raiwind Road Lahore. Tel: 042-111-001-007, Ext. 855. Email: <u>librarycuilahore@cuilahore.edu.pk</u> <u>https://lahore.comsats.edu.pk/library/</u> Volume No: 8 Issue: 13 ISSN: 2309-5032

## TABLE OF CONTENTS

•	Table of contents	2	
•	News of the month	3	
•	Journals' contents	5	
•	Index of Articles	11	
•	New arrivals	15	
•	News clippings of the month	17	
•	Contact Information	22	Ŗ
	Death's Disciple (A Deterinvestigation of the second data of the s		
	LAUNDRY MAN (A Jack Ster. Jack St		

### NEWS OF THE MONTH

#### **ORIENTATION FALL, 2020**

Library staff presented orientation sessions in library and welcomed the new students in library on 20th September, 2020 on Sunday.



#### **Birthday Celebration**:

Birthday Celebrated of DR. Muhammad Tariq. As per tradition CUI Lahore Library staff celebrated the birthday party of Dr Muhammad Tariq The Celebration was held September 28-2020. All library Staff participated and everyone wished him on a wonderful birthday. May their everyday filled with lots of happiness love and laughter. Many many happy returns of the day may God bless him more in future life



## Journals Table of contents

#### **IEEE Transactions on Communications**

December 2019 VOLUME 68 NUMBER 05 (ISSN 0090-6778)

Full text of all issues can be a accessed through the following link <u>https://ieeexplore.ieee.org/xpl/tocresult.jsp?isnumber=9094270&punumber=26</u>

MAY 2020 VOLUME 68 NUMBER 5 IECMBT (ISSN 0090-6778)

Coding Multi-Dimensional Spatially-Coupled Code Design: Enhancing the Cycle Properties H. Esfahanizadeh, L. Tauz, and L. Dolecek 2653

Error Floor Estimation of LDPC Decoders — A Code Independent Approach to Measuring the Harmfulness of Trapping Sets . A. Farsiabi and A. H. Banihashemi 2667

Cooperative/Relay Systems Secrecy Performance Analysis of Distributed Asynchronous Cyclic Delay Diversity-Based Cooperative Single Carrier Systems . K. J. Kim, H. Liu, M. Wen, P. V. Orlik, and H. V. Poor 2680

Dual-Hop Relaying Communications Over Fisher-Snedecor F-Fading Channels . P. Zhang, J. Zhang, K. P. Peppas, D. W. K. Ng, and B. Ai 2695

Cross-Layer Design Cross-Layer Scheduling and Beamforming in Smart-Grid Powered Cellular Networks With Heterogeneous Energy Coordination . Y. Dong, M. J. Hossain, J. Cheng, and V. C. M. Leung 2711

Fading/Equalization Joint PSK Data Detection and Channel Estimation Under Frequency Selective Sparse Multipath Channels Z. Jiang, X. Shen, H. Wang, and Z. Ding 2726

Channel Equalization With Expectation Propagation at Smoothing Level . I. Santos, J. J. Murillo-Fuentes, J. C. Aradillas, and E. Arias-De-Reyna 2740

Information Theory Device-to-Device Coded-Caching With Distinct Cache Sizes A. M. Ibrahim, A. A. Zewail, and A. Yener 2748

On the Relationships Between Average Channel Capacity, Average Bit Error Rate, Outage Probability, and Outage Capacity Over Additive White Gaussian Noise Channels F. Yilmaz 2763

Degrees of Freedom of Cache-Aided Wireless Cellular Networks . Y. Cao and M. Tao 2777

Machine Learning and Communications Intelligent Sharing for LTE and WiFi Systems in Unlicensed Bands: A Deep Reinforcement Learning Approach . J. Tan, L. Zhang, Y.-C. Liang, and D. Niyato 2793

Neural Network Aided Computation of Mutual Information for Adaptation of Spatial Modulation A. Tato, C. Mosquera, P. Henarejos, and A. Pérez-Neira 2809

On Sampled Reinforcement Learning in Wireless Networks: Exploitation of Policy Structures L. Liu and U. Mitra 2823

Sparse Channel Estimation and Hybrid Precoding Using Deep Learning for Millimeter Wave Massive MIMO . . W. Ma, C. Qi, Z. Zhang, and J. Cheng 2838

Deep Learning-Aided Dynamic Read Thresholds Design for Multi-Level-Cell Flash Memories . Z. Mei, K. Cai, and X. He 2850

MIMO Double-Sparsity Learning-Based Channel-and-Signal Estimation in Massive MIMO With Generalized Spatial Modulation X. Kuai, X. Yuan, W. Yan, H. Liu, and Y. J. Zhang 2863

Enhanced Fairness and Scalability of Power Control Schemes in Multi-Cell Massive MIMO A. Ghazanfari, H. V. Cheng, E. Björn-



#### **IEEE Transactions on Communications**

#### May 2020 VOLUME 68 NUMBER 05 (ISSN 0090-6778) Continued

Modulation/Detection Factor Graph Based Message Passing Algorithmsfor Joint Phase-Noise Estimation and Decoding in OFDM-IM . . Q. Shi, N. Wu, H. Wang, X. Ma, and L. Hanzo 2906 Multiple Access Low-PMEPR Preamble Sequence Design for Dynamic Spectrum Allocation in OFDMA Systems . Y. Zhou, Z. Zhou, Z. Liu, P. Fan, and Y. L. Guan 2922

Non-Orthogonal Multiple Access for Air-to-Ground Communication . X. Mu, Y. Liu, L. Guo, and J. Lin 2934 On the Design of Near-Optimal Sparse Code Multiple Access Codebooks Y.-M. Chen and J.-W. Chen 2950

Iterative Joint Channel Estimation, User Activity Tracking, and Data Detection for FTN-NOMA Systems Supporting Random Access . W. Yuan, N. Wu, Q. Guo, D. W. K. Ng, J. Yuan, and L. Hanzo 2963

Networks Realistic Indoor Hybrid WiFi and OFDMA-Based LiFi Networks Z. Zeng, M. Dehghani Soltani, Y. Wang, X. Wu, and H. Haas 2978

Delay Aware Flow Scheduling for Time Sensitive Fronthaul Networks in Centralized Radio Access Network . Y. Liu, Y. Zhou, J. Yuan, and L. Liu 2992

Optical Communication Secure Cooperative Transmission for Mixed RF/FSO Spectrum Sharing Networks Z. Hu, C. Chen, Z. Zhang, and H. Zhang 3010

Nonlinear Fourier Spectrum Characterization of Time-Limited Signals . D. Shepelsky, A. Vasylchenkova, J. E. Prilepsky, and I. Karpenko 3024

Resonant Beam Communications With Photovoltaic Receiver for Optical Data and Power Transfer M. Xiong, Q. Liu, M. Liu, X. Wang, and H. Deng 3033

Physical Layer Security Physical-Layer Security With Optical Generalized Space Shift Keying . E. Panayirci, A. Yesilkaya, T. Cogalan, H. V. Poor, and H. Haas 3042

Beyond Secrecy Rate in MISO Wiretap Channels: An Information Jamming Approach H. Zhang and L. Duan 3057

Two-Way Physical Layer Security Protocol for Gaussian Channels M. Hayashi and A. Vázquez-Castro 3068

Secure Millimeter Wave Cloud Radio Access Networks Relying on Microwave Multicast Fronthaul . W. Hao, G. Sun, J. Zhang, P. Xiao, and L. Hanzo 3079

Resource Allocation Distributed Mirror-Prox Optimization for Multi-Access Edge Computing Z. Sun and M. R. Nakhai 3096

Sensor Networks TDOA-Based Joint Synchronization and Localization Algorithm for Asynchronous Wireless Sensor Networks . T. Wang, H. Xiong, H. Ding, and L. Zheng 3107

Signal Processing Time-Frequency Compressed FTN Signaling: A Solution to Spectrally Efficient Single-Carrier System S. Wen, G. Liu, Q. Chen, H. Qu, M. Tian, J. Guo, P. Zhou, and D. O. Wu 3125

Synchronization Low Complexity LoRa Frame Synchronization for Ultra-Low Power Software-Defined Radios . C. Bernier, F. Dehmas, and N. Deparis 3140

Wireless Communications Multiuser MISO UAV Communications in Uncertain Environments With No-Fly Zones: Robust Trajectory and Resource Allocation Design D. Xu, Y. Sun, D. W. K. Ng, and R. Schober 3153

Joint Long-Term Cache Updating and Short-Term Content Delivery in Cloud-Based Small Cell Networks . X. Wu, Q. Li, X. Li, V. C. M. Leung, and P. C. Ching 3173

#### **IEEE Transactions on Communications**

#### May 2020 VOLUME 68 NUMBER 05 (ISSN 0090-6778) Continued

Reconfigurable Intelligent Surface-Based Index Modulation: A New Beyond MIMO Paradigm for 6G . E. Basar 3187

Common Throughput Maximization for UAV-Enabled Interference Channel With Wireless Powered Communications . L. Xie, J. Xu, and Y. Zeng 3197

A Framework for Unsupervised Planning of Cellular Networks Using Statistical Machine Learning M. Chraiti, A. Ghrayeb, C. Assi, N. Bouguila, and R. A. Valenzuela 3213

Mobility in the Sky: Performance and Mobility Analysis for Cellular-Connected UAVs R. Amer, W. Saad, and N. Marchetti 3229

Engineer the Channel and Adapt to It: Enabling Wireless Intra-Chip Communication X. Timoneda, S. Abadal, A. Franques, D. Manessis, J. Zhou, J. Torrellas, E. Alarcón, and A. Cabellos-Aparicio 3247

#### **IEEE Transactions on Wireless Communications**

March 2020 VOLUME 19 NUMBER 3 (ISSN 1536-1276)

Full text of all issues can be a accessed through the following link <u>https://ieeexplore.ieee.org/xpl/tocresult.jsp?isnumber=8994112</u>



Design and Decoding of Irregular LDPC Codes Based on Discrete Message Passing M Meidlinger, G Matz, and A Burg 1329

Variable-Weight Block Dual-Diagonal Structure for Low-Rate QC LDPC Codes With Low Error Floors H Park, H-Y Kwak, S Hong, J-S No, and D-J Shin 1344

A Novel Graph Expansion and a Decoding Algorithm for NB-LDPC Codes V B Wijekoon, E Viterbo, Y Hong, R Micheloni, and A Marelli 1358

Some Variant of Known Coded Caching Schemes With Good Performance M Cheng, J Jiang, X Tang, and Q Yan 370

Counting Short Cycles in Bipartite Graphs: A Fast Technique/Algorithm and a Hardness Result A Dehghan and A H Banihashemi 1378

Finite Block-Length Analog Fountain Codes for Ultra-Reliable Low Latency Communications K Zhang, J Jiao, Z Huang, S Wu, and Q Zhang 1391

#### Cooperative/Relay Systems

Two Birds With One Stone: Exploiting Decode-and-Forward Relaying for Opportunistic Ambient Backscattering *D Li* 1405

Multi-Pair Two-Way Massive MIMO Relaying With Zero Forcing: Energy Efficiency and Power Scaling Laws J Qian, C Masouros, and M Matthaiou 1417

Energy Efficient Buffer-Aided Transmission Scheme in Wireless Powered Cooperative NOMA Relay Network XLan, YZhang, Q Chen, and L Cai 1432

#### MIMO

Energy Efficient Transmit-Receive Hybrid Spatial Modulation for Large-Scale MIMO Systems A Raafat, M Sefunç, A Agustin, J Vidal, E A Jorswieck, and Y Corre 1448

Performance of Network-Assisted Full-Duplex for Cell-Free Massive MIMO D Wang, M Wang, P Zhu, J Li, J Wang, and X You 1464

#### Molecular Communications

High-Dimensional Metric Combining for Non-Coherent Molecular Signal Detection Z Wei, W Guo, B Li, J Charmet, and C Zhao 1479

#### Networks

Optimal Multi-View Video Transmission in Multiuser Wireless Networks by Exploiting Natural and View Synthesis-Enabled Multicast Opportunities *WXu*, *YCui*, and *ZLiu* 1494

Delay-Optimal and Energy-Efficient Communications With Markovian Arrivals X Zhao, W Chen, J Lee, and N B Shroff 1508

Energy-Efficient Multiuser Partial Computation Offloading With Collaboration of Terminals, Radio Access Network, and Edge Server *M Sheng, Y Wang, X Wang, and J Li* 1524

Closed-Form Whittle's Index-Enabled Random Access for Timely Status Updae J Sun, Z Jiang, B Krishnamachari, S Zhou, and Z Niu 1538

#### **IEEE Transactions on Wireless Communications**

March 2020 VOLUME 19 NUMBER 3 (ISSN 1536-1276)

Full text of all issues can be a accessed through the following link https://ieeexplore.ieee.org/xpl/tocresult.jsp?isnumber=8994112

Capacity Analysis of Opportunistic Channel Bonding Over Multi-Channel WLANs Under Unsaturated Traffic *M Han, S Khairy, L X Cai, Y Cheng, and F Hou* 1552

A Mean Field Game-Based Distributed Edge Caching in Fog Radio Access Networks Y Jiang, Y Hu, M Bennis, F-C Zheng, and X You 1567

Deep Reinforcement Learning for 5G Networks: Joint Beamforming, Power Control, and Interference Coordination F B Mismar, B L Evans, and A Alkhateeb 1581

Optimal AoI-Aware Scheduling and Cycles in Graphs *P R Jhunjhunwala, B Sombabu, and S Moharir* 1593 Rate Selection for Wireless Random Access Networks Over Block Fading Channels *N Karakoç and T M Duman* 1604

Resource Pooling in Large-Scale Content Delivery Systems KS Reddy, S Moharir, and N Karamchandani 1617 Optical Communication

Jamming in Free Space Optical Systems: Mitigation and Performance Evaluation P Paul, M R Bhatnagar, and A Jaiswal 1631

Correlation-Based LTI Channel Estimation for Multi-Wavelength Optical Scattering NLOS Communicatio *B Liu, C Gong, J Cheng, and Z Xu* 1648

Interference Analysis for Optical Wireless Communications in Network-on-Chip (NoC) Scenarios J Shafiei Dehkordi and V Tralli 1662

Load Balancing for Hybrid LiFi and WiFi Networks: To Tackle User Mobility and Light-Path Blockage X Wu and H Haas 1675

Physical Layer Security

A Secure and Robust Frequency and Time Diversity Aided OFDM–DCSK Modulation System Not Requiring Channel Z Liu, L Zhang, Z Wu, and J Bian 1684

Secrecy-Enhancing Design for Cooperative Downlink and Uplink NOMA With an Untrusted Relay L Lv, H Jiang, Z Ding, L Yang, and J Chen 1698

Sensor Networks

A Beaconless Asymmetric Energy-Efficient Time Synchronization Scheme for Resource-Constrained Multi-Hop Wireless Sensor Networks X Huan, K S Kim, S Lee, E G Lim, and A Marshall 1716

 Transmission Systems

 DFT Spreading-Based Low PAPR FBMC With Embedded Side Information

 D Na and K Choi 1731

Wireless Communications

Cluster-Based Resource Allocation and User Association in mmWave Femtocell Networks B Soleimani and M Sabbaghian 1746

Towards Optimal Power Control via Ensembling Deep Neural Networks F Liang, C Shen, W Yu, and F Wu 1760

Throughput-Oriented Non-Orthogonal Random Access Scheme for Massive MTC Networks Y Wang, T Wang, Z Yang, D Wang, and J Cheng 1777

Ergodic Spectrum Management JM Cioffi, C-S Hwang, and K J Kerpez 1794

#### **IEEE Transactions on Wireless Communications**

March 2020 VOLUME 19 NUMBER 3 (ISSN 1536-1276)

Full text of all issues can be a accessed through the following link https://ieeexplore.ieee.org/xpl/tocresult.jsp?isnumber=8994112

End-to-End Energy-Efficiency and Reliability of UAV-Assisted Wireless Data Ferrying *T Shafique, H Tabassum, and E Hossain* 1822

Beamforming Optimization for Wireless Network Aided by Intelligent Reflecting Surface With Discrete Phase Shifts *Q Wu and R Zhang* 1838

Semi-Blind Interference Aligned NOMA for Downlink MU-MISO Systems M Morales-Céspedes, O A Dobre, and A García-Armada 1852

A Deep Learning Framework for Optimization of MISO Downlink Beamforming *W Xia, G Zheng, Y Zhu, J Zhang, J Wang, and A P Petropulu* 1866

Centralized and Decentralized Cache-Aided Interference Management in Heterogeneous Parallel Channel *E Piovano, H Joudeh, and B Clerckx* 1881

Estimation of Multiple Angle-of-Arrivals With Localized Hybrid Subarrays for Millimeter Wave Systems Z Ni, J A Zhang, K Yang, F Gao, and J An 1897

Optimized Age of Information Tail for Ultra-Reliable Low-Latency Communications in Vehicular Networks *M K Abdel-Aziz, S Samarakoon, C-F Liu, M Bennis, and W Saad* 1911

Multiple Complete Complementary Codes With Inter-Set Zero Cross-Correlation Zone L Tian, Y Li, and C Xu 1925

Aerial–Ground Cost Tradeoff for Multi-UAV-Enabled Data Collection in Wireless Sensor Network C Zhan and Y Zeng 1937

Base Station Antenna Selection for Low-Resolution ADC Systems J Choi, J Sung, N Prasad, X-F Qi, B L Evans, and A Gatherer 1951

The Impact of Imperfect Spectrum Sensing on the Performance of LTE Licensed Assisted Access Scheme *E Pei, X Lu, B Deng, J Pei, and Z Zhang* 1966

### **Index of Articles**

#### **Agriculture**

<u>Dr Farrukh Saleem</u>, <u>Learning from China</u> The News, September 20, 2020 p-06 <u>Dr Farrukh Saleem</u>, <u>Full potential</u> The News, September 27, 2020 p-06

#### **Current Affairs**

<u>Syed Akhtar Ali, Pepco revival: more to be done</u> The News, September 07, 2020 p-06 <u>Dr Naazir Mahmood, Two Japanese giants,</u> The News, September 07, 2020 p-06 <u>Dr Naazir Mahmood, Open letter to the education minister,</u> The News, September 14, 2020 p-06 <u>Dr Naazir Mahmood, The enlightenment of Waris Mir: Part - I,</u> The News, September 21, 2020 p-06 <u>Dr Naazir Mahmood, The enlightenment of Waris Mir - Part II,</u> The News, September 23, 2020 p-06 <u>Dr Naazir Mahmood, The enlightenment of Waris Mir: Part - III,</u> The News, September 28, 2020 p-06 <u>Dr Naazir Mahmood, The enlightenment of Waris Mir: Part - III,</u> The News, September 28, 2020 p-06 <u>Dr Naazir Mahmood, The enlightenment of Waris Mir: Part - III,</u> The News, September 30, 2020 p-06

#### Culture/Society/Women

Dr Farrukh Saleem, Full potential The News, September 27, 2020 p-06 Ghazi Salahuddin, Anger in DHA, The News, September 07, 2020 p-06 Ghazi Salahuddin, To be a woman is not to be. The News, September 13, 2020 p-06 Ghazi Salahuddin, The state of our society. The News, September 20, 2020 p-06 Ghazi Salahuddin, Loss of authority, The News, September 27, 2020 p-06 Khalid Bhatti, Plight of the miner, The News, September 11, 2020 p-06 Saad Rasool, For what sin was she killed?, The Nation, September 13, 2020, p.07

#### **Economics/Business**

Syed Akhtar Ali, Pepco revival: more to be done The News, September 07, 2020 p-06 Dr Naazir Mahmood, Two Japanese giants, The News, September 07, 2020 p-06 Masud Ahmad Khan, <u>Diamer Bhasha dam— a historic milestone</u>, The Nation, September 14, 2020, p.06 <u>Khalid Bhatti</u>, <u>Deepening crisis in India</u>, The News, September 5, 2020 p-06 <u>Dr Farrukh Saleem</u>, <u>Learning from China</u> The News, September 20, 2020 p-06 <u>Khalid Bhatti</u>, Fix the flaws, The News, September 18, 2020 p-06

### **Education**

<u>Dr Naazir Mahmood, Open letter to the education minister</u>, The News, September 14, 2020 p-06 <u>Kamila Hyat, Return to Salem</u>, The News, September 3, 2020, p-06 <u>Kamila Hyat, Before the next deluge</u>, The News, September 10, 2020, p-06 <u>Kamila Hyat, Rushing to reopen?</u>, The News, September 26, 2020, p-06

#### **Environment**

Syed Akhtar Ali,Pepco revival: more to be done, The News, September 07, 2020, p-07 Dr Farrukh Saleem, Who saves Karachi? The News, September 06, 2020 p-06

#### <u>Health</u>

<u>Khalid Bhatti, Fix the flaws,</u> The News, September 18, 2020 p-06 <u>Kamila Hyat, Return to Salem</u> The News, September 3, 2020, p-06 <u>Kamila Hyat, Before the next deluge</u> The News, September 10, 2020, p-06

#### Human Rights

<u>Dr Farrukh Saleem</u>, <u>Full potential</u> The News, September 27, 2020 p-06 Muhammad Waqar Rana, <u>Support on Kashmir</u>, The News, September 25, 2020, p-07

#### <u>History</u>

Masud Ahmad Khan, Diamer Bhasha dam- a historic milestone, The Nation, September 14, 2020, p.06

#### **International Relations**

Dr Naazir Mahmood, Two Japanese giants, The News, September 07, 2020 p-06 <u>Khalid Bhatti, Deepening crisis in India</u>, The News, September 5, 2020 p-06 Saad Rasool, <u>The Indo-Pacific theatre</u>, The Nation, September 06, 2020, p.07

#### <u>Kashmir</u>

Masud Ahmad Khan, <u>Pakistan Army—the centre of gravity</u>, The Nation, September 07, 2020, p.06 Masud Ahmad Khan, <u>Indian faultlines</u>, The Nation, September 21, 2020, p.06 Masud Ahmad Khan, <u>Surrender at Skardu—1948</u>, The Nation, September 28, 2020, p.06 <u>Khalid Bhatti</u>, <u>Deepening crisis in India</u>, The News, September 5, 2020 p-06 Muhammad Waqar Rana, <u>Support on Kashmir</u>, The News, September 25, 2020, p-07 Malik Muhammad Ashraf, <u>Kashmir and the UN</u>, The News, September 12, 2020, p-06 Malik Muhammad Ashraf, A persistent struggle, The News, September 26, 2020, p-06

#### <u>Law</u>

Staff Reporter, Transplant law completes a decade, Dawn, September 8, 2020

#### **Politics/International Politics**

Saad Rasool, The Indo-Pacific theatre, The Nation, September 06, 2020, p.07

<u>Dr Farid A Malik, Conceding or contesting?</u>, The Nation, September 02, 2020, p.07 <u>Dr Farid A Malik, Neither conviction nor commission</u>, The Nation, September 08, 2020, p.07 <u>Dr Farid A Malik, Bureaucrats; the dinosaurs of Pakistan</u> The Nation, September 15, 2020, p.07 <u>Dr Farid A Malik, Gawalmandi as I remember</u>, The Nation, September 22, 2020, p.07 <u>Dr Farid A Malik, Is the bureaucracy sick?</u>, The Nation, September 29, 2020, p.07

#### **Religion & Islam**

Syed Badshah, Holy Quran desecration, Dawn, September 8, 2020.

#### Social Media

<u>Dr Farid A Malik</u>, <u>Conceding or contesting?</u>, The Nation, September 02, 2020, p.07 <u>Esteban Ortiz-Ospina</u> <u>The rise of social media</u>, Our world in data

#### War and Terrorism

<u>Kamila Hyat, Return to Salem</u> The News, September 3, 2020, p-06 <u>Kamila Hyat, Before the next deluge</u> The News, September 10, 2020, p-06

#### **Miscellaneous**

Dr Farrukh Saleem, Who saves Karachi? The News, September 06, 2020 p-06 Syed Akhtar Ali, Pepco revival: more to be done The News, September 07, 2020 p-06 Dr Naazir Mahmood, The enlightenment of Waris Mir: Part - I, The News, September 21, 2020 p-06 Dr Naazir Mahmood, The enlightenment of Waris Mir - Part II, The News, September 23, 2020 p-06 Dr Naazir Mahmood, The enlightenment of Waris Mir: Part - III, The News, September 28, 2020 p-06 Dr Naazir Mahmood, The enlightenment of Waris Mir - Part IV, The News, September 30, 2020 p-06 Dr Naazir Mahmood, The enlightenment of Waris Mir - Part IV, The News, September 30, 2020 p-06 Dr Naazir Mahmood, The enlightenment of Waris Mir - Part IV, The News, September 30, 2020 p-06 Dr Naazir Mahmood, The News, September 18, 2020 p-06

# **New Arrivals**





### **News Clippings of the Month**

#### Title: Management Positions in COMSATS University Islamabad.

Source : Daily Jung( Rawalpindi edition), P.29

Dated : September 06, 2020

Weblink:

https://e.jang.com.pk/09-06-2020/pindi/page29.asp

### MANAGEMENT POSITIONS

#### Pro-Rectors Research & Innovation, Academics and Internationalization, Campus Director, Registrar and Controller of Examinations

COMSATS University Islamabad (CUI), a Public Sector University of the Ministry of Science & Technology (MoST) is a degree awarding University offering Undergraduate, Graduate and PhD degree programs. CUI has strength of over 36,000 enrolled students with around 2,700 Faculty members including 1,100 PhD at its various campuses located at Islamabad, Lahore, Abbottabad, Wah, Attock, Sahiwal, Vehari and Virtual Campus.

#### **Pro-Rectors**

#### (Pro-Rector Research & Innovation, Pro-Rector Academics and Pro-Rector Internationalization)

The Candidate eligible to apply for the position of Pro-Rector shall be an eminent academic administrator, not more than sixty-five years of age on the last date fixed for submission of application and fulfilling the following eligibility criteria: -

- a. PhD degree from an Institute of Higher Learning recognized by the Higher Education Commission, Pakistan;
- At least 15 years' experience (National / International) in the academic, research or management leadership positions;
- Distinguished research, publications and administrative governance record.

#### **Campus Directors**

#### (For Abbottabad, Attock, Lahore, Sahiwal, Vehari and Wah Campus)

The Candidate eligible to apply for the position of Campus Director(s) shall be an eminent academic administrator, not more than sixty-five years of age on the last date fixed for submission of application and fulfilling the following eligibility criteria: -

- a. PhD degree from an Institute of Higher Learning recognized by the Higher Education Commission, Pakistan;
- b. At least 15 years' experience (National / International) in the academic, research or management leadership positions;
- c. Distinguished research, publications and administrative governance record.

#### Registrar

The Candidate eligible to apply for the position of Registrar should not be more than sixty-five years of age on the last date fixed for submission of application having the minimum qualification and experiences as per the following eligibility criteria: -

- a. PhD degree from an Institute of Higher Learning recognized by HEC OR First Division (2.5 CGPA) MBA/MS/M.Phil. degree (eighteen years education) in the relevant field from an Institute of Higher Learning recognized by HEC.
- b. 15 years relevant experience in BPS-17 or equivalent and above in the Institute of Higher Learning or other National or International Organization out of which not less than 10 years will be at an academic administrative position OR 18 years relevant experience in BPS-17 or equivalent and above in the Institute of Higher Learning or other National or International Organization out of which not less than 10 years will be at academic administrative position / examination Department of a University.

#### **Controller of Examinations**

Candidates eligible to apply for the position of Controller of Examinations should not be more than sixty-five years of age on the last date fixed for submission of application having the minimum qualification and experience as given below:

- a. PhD degree from an Institute of Higher Learning recognized by HEC <u>or</u> First Division (2.5 CGPA) MBA/MS/M.Phil. Degree (Eighteen years education) in the relevant field from an Institute of Higher Learning recognized by HEC.
- b. 15 years relevant experience in BPS-17 or equivalent and above in the Institute of Higher Learning or other National or International Organization out of which not less than 10 years will be at an academic administrative position/examination department of a University or 18 years relevant experience in BPS-17 or equivalent and above in the Institute of Higher Learning or other National or International Organization out of which not less than 10 years will be at academic administrative position/examination Department of a University.

#### How to Apply?

- Candidates are requested to download guideline/application form available at CUI website www.comsats.edu.pk
- Candidates are required to provide 03 sets of application dossier containing attested copies of degrees / testimonial, experience certificate, copy of first page of published research articles, along with recent photograph on CUI application form in hardbound form.
- Candidates are required to submit self assessment performa (mandatory) along with applications dossier, for the position
  of Pro-Rector and Campus Director.
- Attach Pay Order / Demand Draft amounting to Rs. 500/- (non-refundable) for each application as processing fee in favor of "COMSATS University Islamabad".
- Incomplete applications / documents or applications received after last date will not be considered.
- In case of applying for more than one position of Pro-Rectors/Campus Directors the submission of separate applications (03 sets), along with CV, attested copies of degrees, certificates, testimonials and first page of research publication along with demand draft/pay order for each position is mandatory.
- The applications complete in all respect must reach the address mentioned below within 15 days of publication of advertisement.
- Candidates currently serving in Govt./Semi Government Organizations should apply through proper channel.
- Candidates who have already applied against the previous advertisement (December 24th 2019) need not apply again. Their application shall be considered, along with their added experience and profile features in line with the current advertisement.
- University has right to reject any or all applications.
- Only Short-listed candidates will be called for Interview.
- No TA/DA will be admissible.

#### Applications should be sent to:



Additional Registrar HR (PS) COMSATS University Islamabad (A Public Sector University of Ministry of Science & Technology) Principal Seat, Park Road, Tarlai Kalan, Islamabad, 45550, Telephone No: 051-90495038

www.comsats.edu.pk

PID(i):1232/20

#### Title : HEC OVERSEAS SCHOLARSHIPS

Source :The News, P.05Dated :September 20, 2020Web Link:https://e.thenews.com.pk/lahore/9-20-2020/page5.asp



Applications are invited from outstanding Pakistani/AJK nationals for the award of PhD and MS/MPhil scholarships. PhD scholarships are being offered in selected fields, whereas MS/MPhil scholarships are being offered in Engineering Technology. Scholarships will be awarded for Spring-2021/Fall-2021 session in HEC-identified top-ranked foreign universities of advanced countries.

#### ELIGIBILITY CRITERIA

- a) Be a Pakistani/AJK national
- b) For PhD scholarships, candidates must have a minimum qualification of MS/MPhil/ME or equivalent (18 years) before the closing date.
- c) For MS/MPhil scholarships in Engineering Technology, candidates must have a minimum of 16 years of education and should be registered with National Technology Council (NTC) Pakistan.
- d) Maximum one 2<sup>nd</sup> Division throughout the academic career prior to the final degree
- candidates must have a minimum CGPA 3.0 out of 4.0 in Semester System or 1<sup>st</sup> Division (in the annual system) in Terminal Degree.
- Maximum age on the closing date:
  - a. 40 years for full-time regular faculty members of public sector universities/colleges and employees of the public sector R&D organisations registered with Pakistan Council for Science & Technology (PCST)
  - b. 35 years for all others
- g) Must have minimum 70% marks in a valid HEC Aptitude Test (HAT). HEC will consider best HAT score of the last two years for shortlisting purpose.
- h) Must not be availing any other scholarship.



#### Title HEC Vacancy announcement :

 International international internation internatinterease internation internation internation i

	WAGANO						
VACANCY ANNOUNCEMENT							
S.No.	Post	Qualification & Experience					
1.	1. Name of Post: Adviser (Academics) Terms: Regular Post, BPS-21 Maximum Age: 55 years Number of Posts: 1 Quota: Punjab	PhD degree with 18 years' experience in BPS-17 and above or equivalent in a Government/Semi-Government/Public Sector Organisation/autonomous body/corporation OR					
		MS/MPhil with 20 years' experience in BPS-17 and above o equivalent in a Government/Semi-Government/Public Secto Organisation/autonomous body/corporation					
		OR					
		Bachelor's/Master's degree (16 years) with 22 years experience in BPS-17 and above or equivalent in a Government/Semi-Government/Public Sector Organisation autonomous body/corporation					
		Candidate having research publications in journals o international repute will be preferred					
2.	Name of Post: Director General Terms: Regular Post, BPS-20 Maximum Age: 55 years Number of Posts: 10 Quota:	PhD degree with 13 years' experience in BPS-17 and above or equivalent in a Government/Semi-Government/Public Sector Organisation/autonomous body/corporation					
		OR					
	Merit = 1 Punjab = 5 Punjab (Women) = 1 Sindh (R) = 1 Khyber Pakhtunkhwa = 1 Ex-FATA (newly merged districts of Khyber Pakhtunkhwa) = 1	Master's degree (16 years) with 17 years' experience in BPS-17 and above or equivalent in a Government/Semi Government/ Public Sector Organisation/autonomou body/corporation					
plicat	tion Process:	I					
da da	ate of publication of advertisemen	<u>ebsite</u> : https://careers.hec.gov.pk within 30 days from th t. Please do not send hard copies of application, CV ( sition can also be seen at the HEC <u>careers websit</u> be entertained.					
	Those in government service should apply through proper channel. Five years general a relaxation has already been included.						
	Experience means experience gained after obtaining the minimum required qualification. F time, honorary, apprentice, or internee experience will not be considered.						
		d for interview. No TA/DA will be admissible for appearin candidates can be arranged via audio/video conference					
• H	EC is an equal opportunity employ	er.					
Eo	r enquiries, please contact:	PID (I)No: 1637					
t	Amjid Hussain Shah, Assistant Director (HRM), Higher Education Commission, Sector H-9, Islamabad Phone No: 051-90401422 Email: sup_careers@hec.gov.pk For technical/T assistance, please call: 051-111-119-432 Or 0334-1119432						

# **Contact Us**



#### Naveed Siddique

Librarian– Software & Šystems COMSATS University Islamabad, Lahore Campus. Defense Road, Off Raiwind Road Lahore – Pakistan Email: <u>librarycuilahore@cuilahore.edu.pk</u>, <u>nsiddique@cuilahore.edu.pk</u> <u>FB: https://www.facebook.com/Library-Information-Services-Comsats-University-Islamabad-Lahore-Campus-104357199633145/</u> Flicker: <u>https://www.flickr.com/</u> Twitter: <u>https://twitter.com/</u> Phone #: +92 111 001 007 Ext. 856