

2015

Research Outlook

Compiled by

Mr. Muhammad Rafiq Awan & Mr. Nusrat Ali



University of
Management and
Technology

Learning Resource Center
University of Management and Technology, Lahore



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School of Engineering

Department of Electrical Engineering

Journal Paper

1. **Butt, F. A.**, Naqvi, I. H., & Najam, A. I. (2015). A Novel Approach to Counter the Low Observable Characteristic of Stealthy Targets by Analyzing the Radar Cross Section. *Session 4P4 Remote Sensing, Radar, Imaging*, 2061. (**Faran Awais Butt**)
2. Khan., J. A, Iqbal, M. N., Umer, F., **Adnan, M.**, Khan, Z. A. & Shakir, M. (2015). Achieving Energy Efficiency in MANETs by Using Load Balancing Approach. *International Journal of Computer Networks and Communications Security*. NO. 3(3), 88–94. (**Muhammad Adnan**)
3. **Iqbal, A.** (2015). Analysis and comparison of cope's performance for various network topologies. *Science International Lahore*. 27(3).(**Ayesha Iqbal**) (**HEC Recognized Y Category**)
4. Iqbal, S., **Sarwar, F.**, Mufti, M. R. & Siddique, I. (2015). Use of optimal homotopy asymptotic method for fractional order nonlinear fredholm integro-differential equations. *Science International Lahore*. 27(4).(**F. Sarwar**) (**HEC Recognized Y Category**)

Conference Papers

1. Ahmad, N., & Abid, M. O. (2015). *On/off-board 42V switch mode-based charger for advanced vehicles*. Paper presented at the Electrical Systems for Aircraft, Railway, Ship Propulsion and Road Vehicles (ESARS), 2015 International Conference on.
2. Iqbal, A. (2015). *Comparison of Orthogonal and Non-Orthogonal Approaches for 5G (Fifth Generation) Cellular Networks*. Paper presented at the National Multi-disciplinary Engineering Conference, UMT Lahore.
3. Saleem, M. S., Haider, A., & Abas, N. (2015). *Review of solar thermal water heater simulations using TRNSYS*. Paper presented at the Power Generation System and Renewable Energy Technologies (PGSRET), 2015.
4. Haider, A. (2015, 21-23 December). *Information Logistic Ontology for Contract Fulfillment Processes in Sports Organizations*. Paper presented at the HONET-ICT Islamabad.
5. Javed, A., Javed, S., Basheer, W., & Shaheen, S. (2015, 20-21 November). *Smart use of Energy by using Heat Integration in Methanol Plant: Simulated on Aspen Hysys*. Paper presented at the National Multidisciplinary Engineering Conference (NMEC'15), UMT, Lahore.
6. Tariq, H., Ata, S., & Iqbal, F. (2015, 20-21 November). *Low power gate driver design for class D audio amplifier*. Paper presented at the National Multidisciplinary Engineering Conference, UMT Lahore.

Department of Mechanical Engineering

Journal Paper

1. Memon, A., Samo, S. R., **Asad, M.**, and Mangi, F. H. (2015). Modeling of aerodynamic forces on the wind turbine blades. *Journal of Clean Energy Technologies*, 3 (6),406-410. (**Muhammad Asad**)
2. Ijaz, H., **Asad, M.**, & Khawaja, B. A. (2015). Simulation of Delamination Crack Growth in Composite Laminates: Application of Local and Non-Local Interface Damage Models. *Mehran University Research Journal of Engineering & Technology*, 3(34), 255-264(**Muhammad Asad**) (**HEC Recognized X Category**)

Conference Papers

1. Muhammad Asad, Adnan Ahmed Naeem, Syed Rehan Ashraf, Tayyab Rabbani (2015). A numerical approach on the design of a sustainable turning insert. Paper presented at the National Multi-disciplinary Engineering Conference, (21-22 Nov, 2015) UMT Lahore.

Department of Civil Engineering

Journal Paper

1. **Firdous, R.** & Sharif, M. B. (2015). *Performance of thermally activated sugarcane bagasse ash as supplementary cementations material*. NED University Journal of Research. No.2)12), pp. 23-30(**Rafia Firdous**) (**HEC Recognized Y Category**)
2. Sharif, M. B., **Firdous, R.**, & Tahir, M. A. (2015). *Development of Local Bagasse Ash as Pozzolanic Material for Use in Concrete*. Pak. J. Engg. & Appl. Sci. Vol, 17, 39-45.(**Rafia Firdous**) (**HEC Recognized X Category**)
3. **Ilyas, U.**, Farooq, S. H., Shahid, I., Ilyas, M. (2015). *Progressive collapse of reinforced concrete frame structure under column damage consideration*. Pakistan Journal of Engineering and Applied Science.16(1).(**Usman Ilyas**) (**HEC Recognized X Category**)
4. Maqbool, S., Khan, A., Inam, A., Sultan, T., **Rashid, M.**, & Rizvi, M. (2015). *Effect of Fines Content on Dry and Saturated Indirect Tensile Strength of Hot Mix Asphalt Mixtures*. Technical Journal, University of Engineering and Technology Taxila. 20(1), 54.(**Muhammad Usman Rashid**) (**HEC Recognized Y Category**)
5. **Rashid, M.**, Latif, A., Ghani, U., Munir, M., & Sultan, T. (2015). *Evaluation of Options for Remodelling of Upper Jhelum Canal, Pakistan*. Technical Journal, University of Engineering and Technology Taxila. 20(2), 1.(**Muhammad Usman Rashid**) (**HEC Recognized Y Category**)
6. **Rashid, M.**, Shakir, A. S., Khan, N. M., Latif, A., & Qureshi, M. M. (2015). *Optimization of Multiple Reservoirs Operation with Consideration to Sediment Evacuation*. Water Resources Management, 29(7), 2429-2450.(**Muhammad Usman Rashid**)(**IF 2.6 JCR Listed**)

7. **Rashid, M.**, Latif, A., Ghani, U., Ali, S., Khan, A., & Shabbir, F. (2015). *Optimization Strategies for Improving Irrigation Water Management of Lower Jhelum Canal*. Technical Journal, University of Engineering and Technology Taxila. 20(1), 81. (Muhammad Usman Rashid) (HEC Recognized Y Category)
8. Latif, A., Malik, A., **Rashid, M.**, Sultan, T., Ghani, U., & Ali, S. (2015). Development of Bed-Furrow Intervention in the Rice-Wheat Cropping System in Punjab, Pakistan. *Technical Journal, University of Engineering and Technology Taxila*. 20(3), 106. (Muhammad Usman Rashid) (HEC Recognized Y Category)

Conference Papers

1. Firdous, R. (2015). *Evaluation of Mechanical Properties of Silica Fume incorporated Concrete*. Paper presented at the National Multi-disciplinary Engineering Conference, UMT Lahore.
2. Munir, M., Rashid, M. U. (2015). *Application of Computational Fluid Dynamics for Surges in Low Head Hydropower Projects*. Paper presented at the National Multi-disciplinary Engineering Conference, University of Management and Technology, Lahore.
3. Rashid, M. U., Kaleem, M.M. (2015). *Sustainable and optimized utilization of water resources: Inflatable dams potential in Pakistan*. Paper presented at the National Multi-disciplinary Engineering Conference, University of Management and Technology, Lahore.

Department of Industrial Engineering

Journal Paper

1. Butt, R. P., **Chaudhry, I. A.** & Zahid, I. (2015). Enhancement of wind power generation in Pakistan. *Science International*, 27(6), 5053-5058. (Ijaz Ahmad Chaudhry) (HEC Recognized Y Category)
2. **Osaid, H. M.**, Zeeshan, H. M. A., Qadir, A., & **Chaudary, I. A.** (2015). Economic and productivity analysis of rapid prototyping techniques with traditional model making. *Science International*, 27(5), 4917-4926. (Hafiz Muhammad Osaid and Ijaz Ahmad Chaudhry) (HEC Recognized Y Category)
3. Abbas, S. N., Ahmed, J., Salman, M., & **Ashraf, S. R.** (2015). Compare Cost of Good Quality & Cost of Poor Quality And Have a Wise Decision: A study from Automobile Industry of Pakistan. *IOSR Journal of Business and Management*, 17(9), 19-28. (Syed Rehan Ashraf)

Conference Papers

1. Chaudhry, I. A. (2015). *Promotion of Clean Energy Technology in Pakistan through Implementation of Clean Development Mechanism*. Paper presented at the UMT National Multidisciplinary Engineering Conference 2015, UMT, Lahore.

Department of Energy Engineering

Conference Papers

1. Asim, M., Tabbasum, S. A., & Sharif, Z. (2015). *Study of Combined Production of Pure Drinking Water and Domestic Hot Water Through Flat Plate Collector For Single Family Villa On Pilot Plant Setup in United Arab Emirates*. Paper presented at the National Multi-disciplinary Engineering Conference, UMT Lahore.

School of Textile and Design

Journal Paper

1. **Tusief, M. Q., Amin, N.,** Mahmood, N., Ahmad, I. & **Abass, M.** (2015). Antimicrobial Studies of Knitted Fabrics from Bamboo, Soybean and Flax Fibers at Various Blends. *Journal of Textile Science & Engineering*. (Muhammad Qamar Tusief, Nabeel Amin, Mudassar Abass)
2. **Amin, M. N.,** & Blackburn, R. S. (2015). Sustainable Chemistry Method to Improve the Wash-off Process of Reactive Dyes on Cotton. *ACS Sustainable Chemistry & Engineering*, 3(4), 725-732. (Muhammad Nabeel Amin) (IF 4.642 JCR Listed)

Institute of Clinical Psychology

Journal Paper

1. **Saleem, S., Mahmood, Z. & Subhan, S.** (2015) Perceived Parental Practices and Mental Health Problems: Cross-Cultural Validation of EMBU-C on Pakistani Adolescents FWU. *Journal of Social Sciences*. 9(1), 44-52 (Sadia Saleem, Zahid Mahmood and Sara Subhan) (HEC Recognized X Category)

Conference Papers

1. Saleem, S. & Mahmood, Z. (2015). *Emotionally Handicapped: The Lotus-Eaters*. at International Conference on Inclusive Education 4-5 November 2015 at University of Management and Technology, Lahore.
2. Asghar, A., Saleem, S. & Mahmood, Z. (2015). *Parenting and Interpersonal Difficulties as predictor of Mental Health problems in College Student*. at 1st International Pakistan Psychological Conference on mental Health 10th October 2015, Bahawalpur.

3. Shahzad, A., & Saleem, S. (2015). *Personality Types and Burnout in University Students*.at 1st National Conference on Indigenizing Clinical Psychology: Issues and Challenges (16-17th December 2015) at University of Management and Technology, Lahore.
4. Zaheer, M., Mahmood, Z. & Saleem, S. (2015). *Parenting, Resilience and Mental Health Problems in Adolescents*.at 1st National Conference on Indigenizing Clinical Psychology: Issues and Challenges (16-17th December 2015) at University of Management and Technology, Lahore.
5. Saleem,S., Daud,S., & Mahmood, Z. (2015). *Parenting Styles in Pakistani Cultural Context*. Paper presented at the 1st National Conference of Indeginizing Clinical Psychology: Issues and Challenge, at University of Management and Technology, Lahore.
6. Nadeem, A., Mahmood, Z., & Saleem, S. (2015). *Personality Traits and Interpersonal Difficulties in University Students*. Paper presented in 1st National Conference “Indigenizing Clinical Psychology – Issues and Challenges” organized by Institute of Clinical Psychology (ICP), University of Management and Technology (UMT), Lahore held on 16 – 17 Dec., 2015.
7. Amin,Z.,& Saleem,S.(2015). *Obsessive Compulsive Symptoms and Mental health functioning in university students*. Paper presented in 1st National Conference on Indeginizing Clinical Psychology: Issues and Challenges.
8. Ijaz, A., Rizvi, M. & Mahmood, Z. (2015). *Identity a Predictor of Mental Health Issues in College Students*. Paper presented at the 1st National Conference on Indigenizing Clinical Psychology: Issues and Challenges, University of Management and Technology, Lahore.
9. Saeed, M., Rizvi, M. & Mahmood, Z. (2015). *Cyber Bullying: Expression through Themes*. Paper presented at the 1st National Conference on Indigenizing Clinical Psychology: Issues and Challenges, University of Management and Technology, Lahore.
10. Bashir, U. & Sitwat, A. (2015). *Psychopathology, Clinical Symptoms and their Demographic Correlates in 2010’s Flood Affectees Male Adults of Muzzafargarh District*. Paper presented at the 1st National Conference on Indigenizing Clinical Psychology: Issues and Challenges, University of Management and Technology, Lahore.
11. Asgar, A., Jabeen, A., & Mahmood, Z. (2015). *A Gem in a Jhuggi: A case study*. International Conference on Inclusive Education, by Department of Special Education, UMT Lahore.
12. Jabeen, A., Saleem, S., & Mahmood, Z. (2015). *Does Biology Determine Psychology? Cultural Variation of an Imported Temperament Scale*. Indigenizing Clinical Psychology, Issues and Challenges organized by Institute of Clinical Psychology, UMT, Lahore.

13. Ijaz, A., Jabeen, A., & Mahmood, Z. (2015). *Psychological Problems, Copying Strategies and Attachment Style in Polio Affected Persons*. Indigenizing Clinical Psychology, Issues and Challenges, organized by Institute of Clinical Psychology, UMT, Lahore.
14. Rehman, S., Jabeen, A., & Mahmood, Z. (2015). *Predicting Risk and Protective Factors: An Empirical Study on Temperament, Self Concept and Emotional Behavioral Problems*. Indigenizing Clinical Psychology, Issues and Challenges, organized by Institute of Clinical Psychology UMT, Lahore.
15. Naeem, F., & Mahmood, Z. (2015). *Search for Dyslexia: A needle in a haystack*. International Conference on Inclusive Education, organized by Department of Special Education, UMT Lahore.
16. Anthony, Sarah, & Jabeen, A. (2015). *A Spark of Art with Autism: F.S. an incredible girl who speaks through pictures*. Paper presented for Poster Presentation in National Conference on Indigenizing Clinical Psychology, Issues and Challenges, organized by Institute of Clinical Psychology, UMT, and Lahore.
17. Mahreen, N., & Jabeen, A. (2015). *Individual Attention: A Mini Miracle*. Paper presented for Poster Presentation in National Conference on Indigenizing Clinical Psychology, Issues and Challenges, organized by Institute of Clinical Psychology, UMT, and Lahore.
18. Khalid, S., Naeem, F., & Mahmood, Zahid. (2015). *Interpersonal Difficulties, Copying Style and Mental Health Problems in Trainee Clinical Psychologists*. Indigenizing Clinical Psychology, Issues and Challenges, organized by Institute of Clinical Psychology UMT, Lahore.
19. Naseem, N., Naeem, F., & Mahmood, Z. (2015). *Organcity in School Girls with Specific Learning Disabilities*. Indigenizing Clinical Psychology, Issues and Challenges, organized by Institute of Clinical Psychology UMT, Lahore.
20. Mahmood, Q., Subhan, S., Mahmood, Z. & Saleem, S. (2015, December). *Perceived parenting as predictor of procrastination: A psychometric study*. Paper presented in 1st National Conference in Indigenizing Clinical Psychology: Issues and Challenges, Lahore, Pakistan: University of Management & Technology.
21. Naeem, M., & Subhan, S. (2015, December). *Effects of denial: A child in wrong setting*. Poster presented in 1st National Conference in Indigenizing Clinical Psychology: Issues and Challenges, Lahore, Pakistan: University of Management & Technology.
22. Mumtaz, A., & Subhan, S. (2015, December). *Childhood hardships foster older age identities*. Poster presented in 1st National Conference in Indigenizing Clinical Psychology: Issues and Challenges, Lahore, Pakistan: University of Management & Technology.
23. Pervaiz, S., & Subhan, S. (2015, December). *Emotional bullying in schools*. Poster presented in 1st National Conference in Indigenizing Clinical Psychology: Issues and Challenges, Lahore, Pakistan: University of Management & Technology.

24. Saleem, M., & Subhan, S. (2015, December). *How catharsis heals half of the trauma: An illustrative case*. Poster presented in 1st National Conference in Indigenizing Clinical Psychology: Issues and Challenges, Lahore, Pakistan: University of Management & Technology.
25. Daud, S., & Subhan, S. (2015). *A Hole in the Heart*. Paper presented at the 1st National Conference of Indigenizing Clinical Psychology: Issues and Challenge, at University of Management and Technology, Lahore.
26. Ijaz, A., Jabeen, A., & Mahmood, Z. (2015). *Psychosocial Problems, Coping Strategies and Attachment Styles in Polio Affected Persons*. Paper presented at the Indigenizing Clinical Psychology: Issues and Challenges.
27. Jabeen, A., Saleem, S., & Mahmood, Z. (2015). *Does biology determine psychology? cultural variation of an imported temperament scale*. Paper presented at the Indigenizing Clinical Psychology: Issues and Challenges.

School of Social Sciences and Humanities

Department of Psychology

Journal Paper

1. Ashraf, F., & Najam, N. (2015). Comorbidity of Anxiety Disorder and Major Depression among Girls with Learning Disabilities. *Pakistan Journal of Medical Research*, 54(4). (Farzana Ashraf) (HEC Recognized Y Category)

Conference Papers

1. Shujja, S., & Malik, F. (2015). *Parental Rejection and Psychological Adjustment among Adolescents: Does Peer Rejection Mediate?* Paper presented at *International Conference of Psychology (ICP)* organized by Institute of Applied Psychology, Lahore, Pakistan.
2. Fatima, T., Atta, M., & Shujja, S. (2015). *Academic self-efficacy as Predictor of Dysfunctional Career Thoughts and Negative Academic Outcomes in University Undergraduates*. Paper presented at *International Conference of Psychology (ICP)* organized by Institute of Applied Psychology, Lahore, Pakistan.
3. Sohaib, M., Atta, M., & Shujja, S. (2015). *Mediating Role of Negative Career Thoughts in Relationship of Decision Making, Self-efficacy, and Outcomes*. Paper presented at *International Conference of Psychology (ICP)* organized by Institute of Applied Psychology, Lahore, Pakistan.
4. Afzal, S., & Khalid, R. (2015). *Indigenization of Postnatal Blues in Pakistani context*. Paper Presented at 14th International Conference of Psychology (ICP 2015). 19th-21st March 2015 at Punjab University, Lahore.

5. Zahra, A., & Afzal, S. (2015). Optimism and General Health problems among University Students. 14th *International Conference of Psychology (ICP 2015)* 19th-21st March 2015 at Punjab University, Lahore.
6. Ashraf, F (2015). Relationship between Family Environment and Perceived Social Support among Female Adolescents in Pakistan. Paper presented in 14th *International Conference of Psychology (ICP 2015)* held from 19th-21st March 2015 at Institute of Applied Psychology, University of The Punjab, Lahore
7. Ahmad, I.(2015). Pattern of choice in seeking friendship bond among undergraduates. Paper presented in 14th *International Conference of Psychology (ICP 2015)* held from 19th-21st March 2015 at Institute of Applied Psychology, University of The Punjab, Lahore
8. Deen, S & Saqib, T. (2015). Positive and Negative experiences of Elderly living in Old Homes and living in Homes' Paper presented in 14th *International Conference of Psychology (ICP 2015)* held from 19th-21st March 2015 at Institute of Applied Psychology, University of The Punjab, Lahore
9. Saqib, T., Inam-ul-Haque, Javed, Z & Nareen, R (2015). Exploring psychological experiences of IDPs in Bannu' Paper presented in 14th *International Conference of Psychology (ICP 2015)* held from 19th-21st March 2015 at Institute of Applied Psychology, University of The Punjab, Lahore
10. Qamar, A. H. & Zahra, A. (March 2015). Universality of the perception of punishment for heinous crimes. Paper presented at the *International Conference on Psychology*, University of the Punjab, Lahore.
11. Javed, T. & Qamar, A. H. (March 2015). The perceptions of fear and excitement among new undergraduate female students. Paper presented at the *International Conference on Psychology*, University of the Punjab, Lahore.
12. Niazi, F. & Qamar, A. H. (March 2015). Motivational factors behind volunteer activities. Paper presented at the *International Conference on Psychology*, University of the Punjab, Lahore.
13. Fatimah, H. (July 2015). Internalization of patriarchal ideology, self objectification, and self-harm, in young women: Borderline personality disorder as a moderator. Paper presented at 10th *International Conference on Child and Adolescent Psychopathology*. London, United Kingdom.
14. Fatimah, H. (July 2015). Parental attachment and borderline personality disorder: The interplay of maternal alienation and identity disturbance. Paper presented at 10th *International Conference on Child and Adolescent Psychopathology*. London, United Kingdom.
15. Fatimah, H. (April 2015). Childhood emotional abuse and dysregulated emotion in adolescents: Does self-forgiveness mediate the association? Paper presented at the 11th *National NeuroPsycon Conference* held in Lahore, Pakistan.

16. Fatimah, H. (May, 2015). Borderline personality features and suicidality in adolescents and emerging adults: Testing depressive symptomatology as a mediator. Poster Presented at *2nd International Conference on Mental Health* held at Kuala Lumpur, Malaysia.
17. Ashraf, F., & Arif. F. (2015). *Prevalence of Obsessive Compulsive Disorder Symptoms in Association with Stress among Non-clinical Sample of Female Adults*. Paper presented at the 1st National Conference in Indigenizing Clinical Psychology: Issues and Challenges, University of management & Technology, Lahore.
18. Arif. A., & Ashraf. F (2015). *Level of Stress and use of coping strategies by parents of children with special needs*. Paper presented at the 1st National Conference in Indigenizing Clinical Psychology: Issues and Challenges, University of management & Technology, Lahore.
19. Amin, S. M., & Ashraf. F. (2015). *Relationship between Separation Anxiety and Parenting Styles among Adolescents*. Paper presented at the 1st National Conference in Indigenizing Clinical Psychology: Issues and Challenges, University of management & Technology, Lahore.

Department of Education

Journal Paper

1. **Asghar, M. Z., & Iqbal, M. Z.** (2015). A Case Study of the Department of Technology Education to Promote Entrepreneurial Pedagogical Skills of the Educators of Technical and Vocational Education (TVE). *Journal of Poverty, Investment and Development*, 8, 179-184. (Muhammad Zaheer Asghar and Muhammad Zafar Iqbal)
2. Munir, H., & **Iqbal, M. Z.** (2015). Impact of leadership styles of principals on organizational commitment of teachers: A correlational study. *The AYER*, 2, 24-36. (Muhammad Zafar Iqbal)
3. **Asghar, M. Z., & Iqbal, M. Z.** (2015). Policy Paper: Technical and Vocational Teacher Education for Promoting Entrepreneurship among Students. *Journal of Poverty, Investment and Development*, 8, 172-178. (Muhammad Zaheer Asghar and Muhammad Zafar Iqbal)
4. Rabbani, I. A., **Hameed, A.**, Haq, M. u., Siddiqui, G. K., Hussain, M., & Masood, S. (2015). *Relationship between Academic Achievement and Social Skills: An Analysis of Students With and Without Education Vouchers*. *AYER*, 3. (Abdul Hameed)
5. Tatlah, I. A., Amin, M., Khan, A. M., Ali, Z., Saleem, K., & **Masood, S.** (2015). Relationship between Leadership Behaviour of Principals and Students' Academic Achievement. *AYER*, 1. (Sajid Masood)
6. Saeed, M., **Iqbal, M. Z.**, Saleem, K., & Islam, M. (2015). Managing Language Learning Anxiety through Psychosocial Classroom Learning Environment. *Pakistan Journal of*

Social Sciences (PJSS), 35(1), 507-517.(Muhammad Zafar Iqbal)(HEC Recognized Y Category)

7. Khan, I. M., Khalil, U., & Iftikhar, I. (2015). Educational leadership: educational development and leadership programs in selected countries and Pakistan. *Journal of Higher Education and Science*, 5(3), 272-284. (Usman Khalil)

Conference Papers

1. Arif, S. (2015). Leadership for Sustainability: A Case of Private University in Pakistan. Paper presented at the *Third 21st Century Academic Forum Conference* on 20-22nd September, 2015 held at Harvard University, Cambridge, MA. USA.
2. Arif, S. (2015). Leadership for Change: Proposed Organizational Development by incorporating Systems Thinking and Quality Tools", paper presented at the *7th Canadian Quality Congress*, September 28-29, 2015 held at University of Alberta, Edmonton, Alberta, Canada
3. Arif, S., Ilyas, M., & Hameed, A. (2015). Leadership for Successful Marketing of Private Universities in Pakistan. Paper presented at the *ICBM*, Skyline University College, Sharjah, UAE
4. Arif, S., Afzal, M., Nadeem, M., & Munnawer, S. (2015). Leadership Styles and Change Dynamics in Public Schools of Pakistan Paper presented at the *AMDIP Management Challenges and Business Transformation*, PU Lahore.

Department of English Language and Literature

Journal Paper

1. Tanvir, M. F. (2015). (Post-)Colonial silence(s) and critical practice(s): Some Perspectives on Waseem Anwar's "'Black" Women's Dramatic Discourse". *Linguistics & Literature Review*.(Muhammad Furqan Tanvir)
2. Rafi, M. S. (2015). *Linguistic Simplicity and Complexity in Computer-Mediated Communication of Urdu/English Bilinguals*. *The AYER*, 4, 11-23.(Muhammad Shaban Rafi)
3. Abbasi, A. M., & Hussain, S. (2015). Phonetic analysis of lexical stress in Sindhi. *Sindh University Research Journal (Science Series)*, 47(4), 749-756.(Abdul Malik Abbasi) (HEC Recognized X Category)

Conference Papers

1. Rafi, M. S. (2015, May 04-05). *Simplification and complexification in the linguistic repertoire of Urdu/English bilingual in cyber Language*. Paper presented at the 2nd Kashmir International Conference on Linguistics, The University of Azad Jammu and Kashmir, Muzaffarabad.

2. Tanvir, M. F. (2015, April 02-03). *A postmodernist revision of classic detection fiction: the mystery narrative and narrative as mystery in Ellery queens the player on other sides* Paper presented at the Third Conference on Social Sciences, Lahore School of Economics, Lahore.
3. Tanvir, M. F. (2015, April 15-16). *Madness and identities of the twentieth century subject: retrospective view of modernity as the converse of the enlightenment* Paper presented at the National Conference on Language, Literature and Culture, Imperial College of Business Studies, Lahore.
4. Tanvir, M. F. (2015). *The Other as a Continuing Cultural Inhibition: Westernized Signifier(s) and Postmodernist Psychoanalysis*. Paper presented at the Indigenizing Psychology: Issues and Challenges, University of Management and Technology, Lahore.

Department of Political Science

Journal Paper

1. Rahman, H. (2015). *China Asean Economic Relations and USA Factor*. International Journal of Scientific Research in Science and Technology 1(4), 286-298.(Hadia Rahman)

Conference Papers

1. Sajjad, F. (2015). *Deradicalizing Pakistani society: the receptivity of youth to a liberal religious worldview*. Paper presented at the International Conference on Inclusive Education, UMT Lahore.
2. Owais, M. (2015). *Afghanistan Pakistan relations: security challenges for region*. Paper presented at the Contemporary Security Paradigms and Challenges: Theory and Practice, Skopje, Macedonia.
3. Owais, M. (2015). *Democracy electoral systems and transitions: a case of Pakistan* Paper presented at the 8th International Conference on Transatlantic Studies, Spain.
4. Owais, M. (2015). *Afghanistan as a war zone and prospects for peace*. Paper presented at the ISSS-ISAC: Global Trends in War and Political Violence, Springfield, Massachusetts, USA.
5. Owais, M. (2015). *Afghanistan-Pakistan relations in the changing scenario: prospects of cooperation with India*. Paper presented at the ISA Midwest Annual Conference, St. Louis, Missouri, USA.
6. Rahman, H. (2015). *Soft power of Pakistan prospects and limitations* Paper presented at the 7th South Asian International Conference on Meeting the Challenge, COMSATS Lahore.

7. Sajjad, F. (2015). *Prospects of faith based Peace building in Pakistan; Perspectives of Faith based Actors*. Paper presented at the National Conference on Challenges of Peace building in South Asia, Punjab University Lahore.

Department of Sociology

Conference Papers

1. Rashid, U. (2015). *Exploring the intersection of race religion and gender in the lives of young American Muslim women*. Paper presented at the 8th annual religions in conversation conference, Claremont, CA, United States of America.
2. InamulHaq. (2015). *Masculinity and war in poetry of Afghan Taliban*. Paper presented at the National Conference on Language and Literature, Imperial College Lahore.
3. Ali, M. V. (2015). *Exploring from multiple stake holder perspective the socio cultural and economic reality of child labor in Pakistani brick kilns*. Paper presented at the Annual Meeting of Labour Employment Relations Association, Pennsylvania, PA, USA.

Department of Islamic Thought and Civilization

Journal Paper

1. **Ahmad, H., & Lakhvi, M. H.** (2015). Early papperns of change in muslim societies: a review. *Al Qalam*, 20(1).**(Humaira Ahmad) (HEC Recognized Y Category)**
2. **Ahmad, H.,& Lakhvi, M. H.** (2015). Philosophy of death in the western philosophical and islamic traditions: a case study of Heidegger. *Peshawar Islamicus*, 6(1), 11-24. **(Humaira Ahmad) (HEC Recognized Y Category)**
3. **Khan, S. A.,& Siddiqi, M. S.** (2015). Takhliq zar juzvi maliat ki bankari aur Islami bankari par es ky asraat. *Jihat-al-Islam*, 9(1), 213-232. **(Salman Ahmad Khan) (HEC Recognized Y Category)**

School of Governance and Society

Journal Paper

1. **Feyyaz, M.**(2015). *Why Pakistan Does Not Have a Counterterrorism Narrative*. *Journal of Strategic Security*, 8(1),5.**(Muhammad Feyyaz)**
2. **Feyyaz, M.** (2015). *Religion, ethnicity, social organizations and terrorists' behavior—a case of Taliban movement in Pakistan*. *Behavioral Sciences of Terrorism and Political Aggression*, 1-24. **(Muhammad Feyyaz)(SJR Listed)**
3. **Feyyaz, M.**(2015). *Understanding the Intensity of Boko Haram's Terrorism*. *Combating Terrorism Exchange*, Vol 5 Issue 1, USA.**(Muhammad Feyyaz)**

4. **Naveed, M. A., & Anwar, M. A.** (2015). Understanding Cotton Growers' Information Needs from Rural Bahawalpur. *Pakistan Journal of Information Management and Libraries*, 16.(Muhammad Asif Naveed) **(HEC Recognized Y Category)**

Conference Papers

1. Feyyaz, M. (2015, 13-14 October). *If terrorism does not work, why it is persisting*. Paper presented at the Terrorism Experts Conference, Ankara, Turkey
2. Feyyaz, M. (2015, 8-11 June). *Phenomenology of perception and terrorism sustenance – A case study of Pakistan*. Paper presented at the Understanding Conflict – Research, ideas and response to security threats, Chancellors' Building, University of Bath UK.

School of Business & Economics

Department of Economics

Journal Paper

1. **Mamoon, D., Raza, S., & Arshed, N.** (2015). Impact of Health Capital and Education on Infant Mortality Rate of Districts of Punjab. *Journal of Management and Research*, 1(2).(Dawood Mamoon and Noman Arshed) **(UMT Journal)**
2. **Hassan, M. S., Wajid, A., Mahmood, H., & Shahbaz, M.** (2015). Testing Relevance of Twin Deficit for a Transition Economy Like Pakistan. *Transylvanian Review of Administrative Sciences*, 11(46), 91-106.(Muhammad Shahid Hassan and Ayesha Wajid) **(IF 0.28 JCR Listed)**
3. **Jaffery, A., & Mamoon, D.** (2015). Microfinance: A poverty Reduction Tool, Socio-Economic Perspective. *Journal of Management and Research*, 1(2).(Ada Jaffery and Dawood Mamoon) **(UMT Journal)**
4. **Mamoon, D.** (2015). How May International Trade affect Poverty in a Developing Country Setup? The Inequality Channel. *International Journal of Economics and Empirical Research*. 3(5), 230-244.(Dawood Mamoon)
5. **Mamoon, D.** (2015). Good versus Bad Political Institutions and Economic Welfare. *International Journal of Economics and Empirical Research*. 3(4), 165-175.(Dawood Mamoon)
6. **Basit, A. A., & Arshad, R.** (2015). Effects of Needs-Supplies Fit and Demands-Abilities Fit on Employee Engagement: A Case of Malaysian Public University. *Global Management Journal for Academic & Corporate Studies (GMJACS)*, 5(2), 12-19.(Ameer A. Basit)
7. **Abdullah, M., & Kalim, R.** (2015). Impact of Global Food Price Escalation on Inflation in South Asian Countries. *Pakistan Journal of Social Sciences (PJSS)*, 35(2), 849-860. **(Rukhsana Kalim) (HEC Recognized Y Category)**

Conference Paper

1. Ali, S., Asghar, A., & Mamoon, D. (2015). *Political Activism in Generation Y: A Global Phenomenon*. Paper presented at the 5th International Conference on Business Management, Karachi.
2. Asghar, A., Ali, S., Mamoon, D., Iftikhar, S., & Zakariya, A. (2015). *Career Strategies of Employees of MNC in the Globalization Reign*. Paper presented at the 5th International Conference on Business Management, Karachi.
3. Syed, Z., Khan, A. M., & Shah, F. T. (2015). *Evaluating Passenger's Perception and Behavioural Intentions in Airline Services: a case of PIA*. Paper presented at the 5th International Conference on Business Management, Karachi.
4. Sulaiman, I., & Arshed, N. (2015). *Can Stock Market Development Put Chains on Inflation? A Panel Cointegration Analysis on SAARC Countries*. Paper presented at the 12th Asian Business Research Conference, Bangkok, Thailand.
5. Arshed, N. (2015). *Does Income Inequality lead to education inequality?* Paper presented at the 13th International Conference on Statistical Sciences, Islamia College, Peshawar
6. Abdullah, M., & Kalim, R. (2015). *Impact of Global Food Price Escalation on Poverty in South Asian Countries*. Paper presented at the 31st Annual General Meeting (AGM) and Conference of the Pakistan Society, Marriott Hotel, Islamabad.

Department of Finance

Journal Paper

1. Rafay, A., Gilani, U. J., & Ijaz, F. (2015). *Managing the gap between Actual and Target Capital Structure: An Evidence from Pakistan*. Journal of Management and Research, 1(2), 41-60.(Abdul Rafay, Usman Javed Gilani and Farrukh Ijaz) **(UMT Journal)**
2. Rafay, A., Gilani, U. J., Naeem, M. A. B., & Ejaz, M. (2015). Volatility Modeling for Spot and Futures of Crude Oil–Evidence from Pakistan. *Abasyn University Journal of Social Sciences*, 8(2), 298-309. (Abdul Rafay, Usman Javed Gilani, Muhammad Abu Bakar Naeem and Maham Ijaz) **(HEC Recognized X Category)**
3. Rafay, A., & Farid, S. (2015). An Analysis of Oil Price Volatility Using VAR: Evidence from Pakistan. *Lahore Journal of Business*, 4(1), 23-36.(Abdul Rafay and Saqib Farid)
4. Rafay, A., & Sadiq, R. (2015). Problems and Issues in Transformation from Conventional Banking to Islamic Banking: Literature Review for the Need of a Comprehensive Framework for a Smooth Change. *City University Research Journal*, 5(2), 315-326.(Abdul Rafay and Ramla Sadiq)
5. Sadiq, R., Mushtaq, A., & Hussain, T. (2015). *Empirical Analysis of Liquidity Risk and Operational Risk in Islamic Banks: Case of Pakistan*. *Islamic Banking and Finance Review*, 2(1). (Ramla Sadiq, Afia Mushtaq and Talat Hussain)**(UMT Journal)**

6. **Khalid, Z., Yasser, F., & Ajmal, M. M.** (2015). The pricing of descretionary accruals - evidence from Pakistan. *Journal of Management and Research*, 2(2).(**Zunera Khalid, Farah Yasser and Muhammad Mobeen Ajmal**) (**UMT Journal**)
7. **Sadiq, R., & Mushtaq, A.** (2015). The Role of Islamic Finance in Sustainable Development. *Journal of Islamic Thought and Civilization*, 5(1). (**Ramla Sadiq and Afia Mushtaq**) (**UMT Journal**)

Conference Paper

1. Ijaz, F. (2015). *Impact of Income Components in Determine the Market Value - Evidence from Pakistan Cement Industry*. Paper presented at the 5th International Conference on Business Management, Karachi.
2. Munir, M., & Siddiqi, A. F. (2015). *Popularity of Political Parties among adolescent; Punjab based study*. Paper presented at the 5th International Conference on Business Management, Karachi.
3. Bano, S., & Kalim, R. (2015). *Impact of Dividend Policy on Stock Price Volatility: Evidence from Pakistan*. Paper presented at the 5th International Conference on Business Management, Karachi.
4. Ajmal, M., Ahmed, A., Farhan, M., & Maqsood, N. (2015). *Impact of Systematic risk, Total risk and Firm size on Stock Returns*. Paper presented at the 5th International Conference on Business Management, Karachi.
5. Ajmal, M. M., & Rafay, A. (2015). *Impact of Gratuity Plans recognized under IAS 19 on stock valuations: Evidence of Pakistan*. Paper presented at the Third Annual Business Research Conference on Managing business in Pakistan, Lahore School of Economics.
6. Rafay, A., Gilani, U. J. (2015, March 11-12). *Investigating the Performance of Islamic Mutual Funds - Evidence from Pakistan*. Paper presented at the Fifth International Conference on Business Management (ICOBM), Sukkur, Pakistan.
7. Rafay, A. Yasser, F. & Khalid, Z. (2015, Nov 20-22). *Revaluation of Non- Current Assets under IAS-16: Possibility of any managerial inducement – Evidence from Pakistan*. Paper presented at the Fifth Annual Conference of Association of Management Development Institutions of Pakistan (AMDIP), Lahore, Pakistan.
8. Farid, S., Rafay, A. & Gilani, U. J. (2015, Nov 20-22). *Estimating Banking Competition using modified PR Model – Evidence from Pakistan*. Paper presented at the Fifth Annual Conference of Association of Management Development Institutions of Pakistan (AMDIP), Lahore, Pakistan.
9. Rafay, A., Sadiq, R. & Ajmal, M. M. (2015, Nov 20-22). *Implications of RPTs recognized under IAS-24*. Paper presented at the Fifth Annual Conference of Association of Management Development Institutions of Pakistan (AMDIP), Lahore, Pakistan.
10. Sadiq, R., Ayub, U., and Gillani, U. (2015). *Understanding the Impact of Ownership Structure and Performance Indicators on Leverage: A Case of Pakistan*. 5th International Conference on Business Management, IBoM Karachi

Department of Marketing

Journal Paper

1. Lone, A. N., & Rashid, Y. (2015). Value Co-Creation: Exploring the Role and Purpose of User Generated Content (UGC). *Research Journal of Social Science & Management*, 5(8), 104-111.(Yasir Rashid)

Conference Paper

1. Rasheed H., Ahmed M., Ahmed S.,(2015). "Aggressive Customer Handling-Antecedents and Outcomes, Implications for Service Professionals" Paper accepted for presentation and publication in proceedings of International Conference on Innovation Management to be held on 20-21 Nov. 2015
2. Ullah A., Rasheed H., Zhukov D.V. ,(2015). "The Role of Social Interaction and Leadership Support in Knowledge Sharing for Enhancing Innovation Capability of Micro-businesses". Paper accepted for presentation and publication in proceedings of International Conference on Innovation Management to be held on 20-21 Nov. 2015
3. Wang A., Ahmed M., Rasheed H.,(2015). "A Study on Impact of Academic Entrepreneurship on Industrial Innovation and Moderating Effect of Organizational Support, Evidence from Pakistani Private Sector University". Paper accepted for presentation and publication in proceedings of International Conference on Innovation Management to be held on 20-21 Nov. 2015
4. Ur Rehman, M., & Kausar, A. R. (2015). *Managing Customer Based Brand Equity (CBBE) Through Brand Knowledge Management*. Paper presented at the 18th Academy of Marketing Science (AMS) World Marketing Congress (WMC), Bari, Italy.

Department of Operations and Supply Chain

Journal Paper

1. Aslam, M. M. H., Rashid, K., & Azhar, T. M. (2015). Role of Optimal Production Plan at the Focal Firm in Optimization of the Supply Chain. *Journal of Management and Research*, 1(2), 1-20.(M.M.Haris Aslam, Kamran Rashid and Tashfeen Muhammad Azhar)(UMT Journal)
2. Ramish, A., & Azhar, S. M. (2015). Supply Chain Performance Measurement for Services: An operational level framework. *Business Review*, 10(2).(Asher Ramish and Sarwar M. Azhar) (HEC Recognized Y Category)

Conference Paper

1. Rashid, K., & Tahira, S. U. (2015, March 11-12). *Application of AHP in Supplier Evaluation and Selection: A Case Study of the Fan Manufacturing SMEs of Pakistan*. Paper presented at the 5th International Conference on Business Management, Karachi.
2. Anis, S. (2015). *Analyzing Risk Management Efficiency in Pakistani Islamic Banking Sector*. Paper presented at the 5th International Conference on Business Management, Karachi.
3. Tahira, S. U., & Saeed, A. (2015). *Globalization and Developing Countries: The study of remittances as an economic development factor*. Paper presented at the 5th International Conference on Business Management.

Book Chapter

1. ASLAM, M. M. H., & RAOUF, A. (2015). *Quality Management in Pharmaceutical Supppply Chains: Developing-Country Perspective*. In İ. Sabuncuoğlu, B. Y. Kara & B. Bidanda (Eds.), *Industrial Engineering Applications in Emerging Countries*. New York: CRC Press.
2. Yusuf, I., Azhar, T. M., & Azjar, S. M. (2015). Modeling inventory dynamics: the case of Frenudco. In İ. Sabuncuoğlu, B. Y. Kara & B. Bidanda (Eds.), *Industrial Engineering Applications in Emerging Countries*. New York: CRC Press.

Department of Management

Journal Paper

1. Cheema, F.-E.-A., **Hassan, A.**, Aftab, F., & Shujaat, S. (2015). Trends and Prospects of E-Business in Pakistan. *Global Management Journal for Academic & Corporate Studies (GMJACS)*, 5(1), 133-141.(**Atif Hassan**)
2. Ahmad, A., **Kausar, A. R.**, & **Azhar, S. M.** (2015). HR professionals' effectiveness and competencies: a perceptual study in the banking sector of Pakistan. *International Journal of Business and Society*, 16(2), 201.(**Abdul Rashid Kausar and Sarwar M. Azhar**) (**SJR Listed IF 0.47**)
3. **Bajwa, S.**, **Kitchlew, N.**, Sair, S. A., **Khuram S.** (2015). Shifts in themes of knowledge management field– towards dynamic fractal organizations.*Science International*, 27(1), p. 523-529 (**Sami Ullah Bajwa, Naveda Kitchlew and Khuram Shahzad**) (**HEC Recognized Y Category**)
4. **Bajwa, S.**, **Kitchlew, N.**, **Shahzad, K.** & **Rehman, K.** (2015). Brief Communication: Phronesis knowledge as enabler of intuitive decision making. *Knowledge Organization*.42(1).(Sami Ullah Bajwa, Naveda Kitchlew, Khuram Shahzad and Khaliq Ur Rehman) (**IF 0.552 JCR Listed**)

5. Shahzad, K., Aslam, M. H., Kitchlew, N., & Bajwa, S. U. (2015). Exploring dimensions and challenges of services quality in banking sector of Pakistan: a focus group methodology. *International Journal of Electronic Customer Relationship Management*, 9(4), 240-253.(Khuram Shehzad, Haris Aslam, Naveda Kitchlew, Samiullah Bajwa) (SJR Listed)
6. **Shahzad, K.** (2015). Performance Evaluation of an Industrial Cluster-based Common Facility Centre (CFC) in Pakistan. *Journal of Infrastructure Development*, 7(1), 35-54. doi: 10.1177/0974930615578500 (Khuram Shehzad)
7. **Kitchlew, N., Shahzad, K., & Bajwa, S. U.** (2015). Challenges for Inquiry and Knowledge in Social Construction of Reality *Journal of Social Research & Policy*, 6(1). 57-64.(Naveda Kitchlew,Khuram Shehzad and Samiullah Bajwa) (SJR Listed)
8. **Chaudhry, A. A., Khan, K. S., & Hassan, A.** (2015). Can HRM affirmed as a system? applying general systems theory (GST) on human resource management. *Journal of Management and Research*, 2(2).(Aamir Abbas Chaudhry, Khadijah Saeed Khan and Atif Hassan)
9. **Hassan, A.,** Rajagopa, P., & Cheem, F.-E.-A. (2015). Speed of adaption of information system: correlation between business enterprises and Universities. *Global Management Journal for Academic & Corporate Studies (GMJACS)*, 5(2), 85-95.(Atif Hassan) (HEC Recognized Y Category)

Department of Skills Development

Conference Paper

1. Rashid, U. (2015). *Towards a Theoretical Framework for Understanding Property Regime Transitions: Case Study from Indian Subcontinent and Pakistan*. Paper presented at the Fourth Annual Conference of The Younger Comparativists Committee (YCC), Florida State University College of Law, Tallahassee, Florida USA.

Department of Quantitative Methods

Conference Paper

1. Munir, M., & Moeen, M. (2015). *The Negative Impact of Outlier's in Linear Regression Model; Possible Solutions*. Paper presented at the 13th International Conference of Statistical Sciences (ICoSS), Islamia College,Peshawar.

School of Commerce and Accountancy

Conference Paper

1. Yasser, F., & Mahmood, M. T. (2015). *Intellectual Capital and Financial Performance: An Evaluation of the Pakistani Manufacturing Sector*. Paper presented at the 5th International Conference on Business Management, Karachi.
2. Yasser, F. (2015). *Investigating the Leverage Composition of Pakistani Firms Through their Determinants* Paper presented at the 5th Annual Conference of AMDIP, Lahore School of Economics, Lahore
3. Yasser, F. (2015). *Revaluation of Non Current Assets under IAS-16: Possibility of any Managerial Inducement - Evidence from Pakistan*. Paper presented at the 5th Annual Conference of AMDIP, Lahore School of Economics, Lahore

Books

1. Mahmood, M. T. (2015). *Cost & Managerial Accounting*: ILMI Publications.
2. Mahmood, M. T. (2015). *An Insight into International Financial Reporting Standards* (14 ed.): ILMI Publications.
3. Mahmood, M. T. (2015). *Financial Accounting & Reporting-I (Question & Answer)*: ILMI Publications.
4. Mahmood, M. T. (2015). *Financial Accounting & Reporting-II (Question & Answer)*: ILMI Publications.

Institute of Islamic Banking

Journal Paper

1. Ijaz, F., Akmal, A., & Gillani, S. H. B. (2015). The Determinants of the Pakistan Islamic Banking Industry Profitability: Panel Evidence. *Islamic Banking and Finance Review*, 1(02). (Farrukh Ijaz, Anum Akmal and Syeda Hameeda Batool Gillani) **(UMT Journal)**
2. Javed, M. M., Khan, M. M. S., & Aslam, H. (2015). Islamic House Financing in Pakistan: A Demand Analysis. *Islamic Banking and Finance Review*, 2(1). (Muhammad Mahmmod Shah Khan and Haris Aslam) **(UMT Journal)**
3. Khan, M. M. S., Gillani, S. H. B., & Mansoor, S. (2015). Performance of Islamic Mutual Funds: A Comparison with Conventional Mutual Funds. *Islamic Banking and Finance Review*, 2(1). (Muhammad Mahmmod Shah Khan and Syeda Hameeda Batool Gillani) **(UMT Journal)**
4. Khan, M. M. S., Yasser, F., & Hussain, T. (2015). Intellectual Capital and Financial Performance: An Evaluation of Islamic Banks in Pakistan. *Islamic Banking and Finance Review*, 2(1). (Muhammad Mahmmod Shah Khan, Farah Yasser and Dr. Talat Hussain) **(UMT Journal)**

Conference Paper

1. Ijaz, F., & Aslam, E. (2015). *What Determines the Profitability of Islamic Banking in Pakistan?*. Paper presented at the Conference on Advancements in Islamic Finance and Business in the 21st Century, Islamabad.
2. Khan, M. M. S., & Ijaz, F. (2015). *Islamic Banking in Pakistan: Challenges and Opportunities - A Performance Based Analysis*. Paper presented at the Conference on Advancements in Islamic Finance and Business in the 21st Century, Islamabad.
3. Khan, M. M. S., Ijaz, F., Gillani, S. H. B., & Shahzad, A. (2015). *Role of Islamic Banking in Short Term Financing to Agri-business Development*. Paper presented at the 4th International Conference on Inclusive Islamic Financial Sector Development, Islamabad.

School of Sciences

Department of Mathematics

Journal Paper

1. Saleem, N., **Ali, B.**, Abbas., M., and Raza, Z. (2015). Fixed points of Suzuki type generalized multivalued mappings in fuzzy metric spaces with applications. *Fixed Point Theory and Applications* , 36 DOI 10.1186/s13663-015-0284-7(**Basit Ali**) (IF 2.503 JCR Listed)
2. **Ali, B.**,& Abbas, M. (2015). Fixed Point Theorems for Multivalued Contractive Mappings in Fuzzy Metric Spaces. *American Journal of Applied Mathematics*, 3(3-1), 41-45.(**Basit Ali**)
3. Zubair, M., **Noureen, I.** (2015) Evolution of axially symmetric anisotropic sources in f (R, T) gravity. *The European Physical Journal C*. DOI 10.1140/epjc/s10052-015-3496-4(**Ifra Noureen**) (IF 5.084 JCR Listed)
4. **Noureen, I.**& Kausar, H. R. (2015) Hot plasma modes across Reissner–Nordstrom–de Sitter horizon in a Veselago medium. *Canadian Journal of Physics* v.92. (**Ifra Noureen**) (IF 0.964 JCR Listed)
5. **Noureen, I.**, & Zubair, M. (2015). Dynamical instability and expansion-free condition in f (R, T) gravity. *arXiv preprint arXiv:1501.04484*.(**Ifra Noureen**) (IF 5.084 JCR Listed)
6. **Noureen, I.** Bhatti, A. A. & Zubair, M.(2015). Impact of extended Starobinsky model on evolution of anisotropic, vorticity-free axially symmetric sources. *Journal of Cosmology and Astroparticle Physics* doi:10.1088/1475-7516/2015/02/033(**Ifra Noureen and Abdul Aziz Bhatti**) (IF 5.81 JCR Listed)
7. Kausar, H. R., **Noureen, I.**, & Shahzad, M. U. (2015). Dynamical analysis of charged anisotropic spherical star in f (R) gravity. *The European Physical Journal Plus*, 130(10), 1-10. (**Ifra Noureen**) (IF 1.377 JCR Listed)

8. **Noureen, I.**, Zubair, M., **Bhatti, A. A.** & G.Abbas. (2015). Shear free Condition and dynamical Instability in $f(R, T)$ gravity. *The European Physical Journal C*.(Ifra Noureen and Abdul Aziz Bhatti) **(IF 5.084 JCR Listed)**
9. **Noureen, I.** & Zubair, M. (2015). On dynamical instability of spherical star in $f(R, T)$ gravity. *Astrophysics and Space Science*, 356(1), 103-110. (Ifra Noureen) **(IF 2.263 JCR Listed)**
10. Sharif, M., & **Manzoor, R.** (2015). Self-gravitating spherically symmetric fluid models in Brans–Dicke gravity. *General Relativity and Gravitation*, 47(9), 1-17.(Rubab Manzoor) **(IF 1.77 JCR Listed)**
11. Sharif, M., & **Manzoor, R.** (2015). Structure scalars and anisotropic spheres in Brans-Dicke gravity. *Physical Review D*, 91(2), 024018.(Rubab Manzoor) **(IF 4.864 JCR Listed)**
12. Sharif, M. & **Manzoor, R.** (2015). Structure scalars and cylindrical systems in Brans-Dicke gravity. *Astrophysics Space Science*. 359(17). DOI 10.1007/s10509-015-2440-2 (Rubab Manzoor) **(IF 2.263 JCR Listed)**
13. **Rehman, M.**, Noreen, S., **Haider, A.**, & Azam, H. (2015). Effect of heat sink/source on peristaltic flow of Jeffrey fluid through a symmetric channel. *Alexandria Engineering Journal* , 54(3), 733-743.(M. Rehman and Aun Haider) **(SJR Listed)**
14. **Asif, N. A.**, **Talib, I.**, & Tunc, C. (2015). Existence of solution for first-order coupled system with nonlinear coupled boundary conditions. *Boundary Value Problems*, 2015(1), 1-9. (Naseer Ahmad Asif and Imran Talib) **(IF 1.014 JCR Listed)**
15. **Asif, N. A.**, & **Talib, I.** (2015). Existence of Solutions to a Second Order Coupled System with Nonlinear Coupled Boundary Conditions. *American Journal of Applied Mathematics*, 3(3-1), 54-59. (Naseer Ahmad Asif and Imran Talib)
16. **Asif, N. A.** (2015). Positive Solutions of a Singular System with Two Point Coupled Boundary Conditions. *American Journal of Applied Mathematics*, 3, 19-24..(Naseer Ahmad Asif)
17. **Riaz, M. B.**, Zafar, A. A., & Vieru, D. (2015). On flows of generalized second grade fluids generated by an oscillating flat plate. *Buletinul institutului politehnic din IASI*.(Muhammad Bilal Riaz)
18. Siddique, I., Al Hossain, A. Y., & **Riaz, M.B.** (2015). Analytical solutions for unsteady flow problems of Maxwell fluid in a porous mediam. *Science International*, 27(2).(Muhammad Bilal Riaz)**(HEC Recognized Y Category)**
19. Vieru, D., **Asjad, M. I.**, & Rauf, A. (2015). Slip effect on free convection flow of second grade fluids with ramped wall temperature. *Heat Transfer Research*, 46(8), 713-724.(Muhammad Imran Asjad) **(IF 0.48 JCR Listed)**
20. **Imran, M.**, Vieru, D., & Mirza, I. (2015). The Influence of Ekman Number on Flows Over an Oscillating Isothermal Vertical Plate in a Rotating Frame. *Journal of Applied Fluid Mechanics*, 8(4), 781-791. (Muhammad Imran Asjad) **(IF 0.75 JCR Listed)**

21. Azam, M., **Mardan, S. A., & Rehman, M. A.** (2015). Cracking of some compact objects with linear regime. *Astrophysics and Space Science*, 358(1). (Syed Ali Mardan and Muhammad Aziz ur Rehman) (IF 2.263 JCR Listed)
22. Azam, M., **Mardan, S. A., & Rehman, M. A.** (2015). Cracking of compact objects with electromagnetic field. *Astrophysics and Space Science*, 359(1), 1-8. (Syed Ali Mardan and Muhammad Aziz ur Rehman) (IF 2.263 JCR Listed)
23. Azam, M., **Mardan, S. A., & Rehman, M. A.** (2015). Fate of Electromagnetic Field on the Cracking of PSR J1614-2230 in Quadratic Regime. *Advances in High Energy Physics*. (Syed Ali Mardan and Muhammad Aziz ur Rehman) (IF 2.203 JCR Listed)
24. Anwar, I., Raza, Z., & **Kashif, A.** (2015). Spanning Simplicial Complexes of Uni-Cyclic Graphs. *Algebra Colloquium*, 22(04), 707-710. (Agha Kashif) (IF 0.298 JCR Listed)
25. Beg, I. and **Rashid, T.** (2015). A hybrid technique for order preference in decision-making. *Mathematical Problems in Engineering*. (Tabasam Rashid) (IF 0.76 JCR Listed)
26. Beg, I., & **Rashid, T.** (2015). A system of medical diagnosis based on intuitionistic fuzzy relation. *Notes on Intuitionistic Fuzzy Sets*, 21(3), 80-89. (Tabasam Rashid)
27. Beg, I., & **Rashid, T.** (2015). A geometric aggregation operator for decision making. *Vietnam Journal of Computer Science*, 2(4), 243-255. (Tabasam Rashid)
28. Beg, I., & **Rashid, T.** (2015). Group Decision Making Using Comparative Linguistic Expression Based on Hesitant Intuitionistic Fuzzy Sets. *Applications & Applied Mathematics*, 10(2). (Tabasam Rashid)
29. Bashir, Z., **Rashid, T., & Zafar, S.** (2015). Convergence of intuitionistic fuzzy sets. *Chaos, Solitons & Fractals*, 81, 11-19. (Tabasam Rashid and Sohail Zafar) (IF 1.448 JCR Listed)
30. Nadeem, M. F., **Zafar, S., & Zahid, Z.** (2015). On certain topological indices of the line graph of subdivision graphs. *Applied Mathematics and Computation*, 271, 790-794. (Sohail Zafar and Zohaib Zahid) (IF 1.551 JCR Listed)
31. **Zafar, S., Zahid, Z., & Aslam, A.** (2015). Dimension and depth of monomial edge ideals of line and cycle by using local cohomology. *Punjab University Journal of Mathematics*, 47(2), 29-33. (Sohail Zafar, Zohaib Zahid and Adnan Aslam) (HEC Recognized X Category)
32. **Zafar, S., & Zahid, Z.** (2015). Initial ideal of binomial edge ideal in degree 2. *Novi Sad J. Math*, 45(2), 187-199. (Sohail Zafar and Zohaib Zahid) (SJR Listed)
33. **Chowdhury, M. S. R., & Cho, Y. J.** (2015). Generalized Quasi-Variational Inequalities for Pseudo-Monotone Type III and Strongly Pseudo-Monotone Type III Operators on Non-Compact Sets. *American Journal of Applied Mathematics*, 3(3-1), 46-53. (Mohammad S. R. Chowdhury)
34. **Imran, M. A., Sarwar, S., Vieru, D., & Nazar, M.** (2015). General Solution for Free Convection of Viscous Fluid Near an Infinite Isothermal Vertical Plate that Applies a Shear Stress to the Rotating Fluid. *American Journal of Applied Mathematics*, 3(9-1), 6-13. (M. Imran Asjad)

35. Imran, M., Tahir, M., **Imran, M. A.**, & Awan, A. U. (2015). Taylor-Couette Flow of an Oldroyd-B Fluid in an Annulus Subject to a Time-dependent Rotation *American Journal of Applied Mathematics*, 3(3-1), 25-31. (M. Imran Asjad)
36. **Riasat, A.**, & Javed, S. (2015). Odd Graceful Labeling of Acyclic Graphs. *American Journal of Applied Mathematics*, 3(3-1), 14-18. (Ayesha Riasat)
37. **Ali, J.**, **M.Saeed**, Chaudhry, N. A., **Luqman, M.**, & **M.F.Tabassum**. (2015). Artificial Showering Algorithm: A New Meta-Heuristic for Unconstrained Optimization. *Science International*, 27(6), 4939-4942. (Javaid Ali, Muhammad Saeed, Muhammad Luqman and Muhammad Farhan Tabassum) (HEC Recognized Y Category)
38. Tahir.Ch, N.A.Shahid, **M.F.Tabassum**, Sana, A., & S.Nazir. (2015). Use of Modified Equation to Examine the Stability of Upstream Differencing Scheme for Initial Value Problems. *Science International*, 27(3), 2031-2034. (Muhammad Farhan Tabassum) (HEC Recognized Y Category)
39. Tahir.Ch, N.A.Shahid, **M.F.Tabassum**, Sana, A., & S.Nazir. (2015). Analysis of Stability and Accuracy for Forward Time Centered Space Approximation by Using Modified Equation. *Science International*, 27(3), 2027-2029. (Muhammad Farhan Tabassum) (HEC Recognized Y Category)
40. Usman.A., N.A.Shahid, **M.F.Tabassum**, Sana, A., Chaudhry, N. A., & **M.Saeed**. (2015). Solution of Truss Problems by Using Finite Element Method. *Science International*, 27(3), 2021-2026. (Muhammad Farhan Tabassum and Muhammad Saeed) (HEC Recognized Y Category)
41. Sadaf.I, N.A.Shahid, Ali, A., **M.F.Tabassum**, & Nazir, S. (2015). Solution of Higher Order Nonlinear Boundary Value Problems. *Science International*, 27(3), 2015-2019. (Muhammad Farhan Tabassum) (HEC Recognized Y Category)
42. W, N., Shahid, N. A., Ali, A., **Tabassum, M. F.**, & Nazir, S. (2015). Numerical Solution for Nonlinear Coupled Partial Differential Equations. *Science International*, 27(3), 2009-2014. (Muhammad Farhan Tabassum) (HEC Recognized Y Category)
43. **Ali, J.**, **Saeed, M.**, Chaudhry, N. A., & **Tabassum, M. F.** (2015). New Mathematical Models of N-Queens Problem and its solution by a Derivative-Free Method of Optimization. *Science International*, 27(3), 2005-2008. (Javaid Ali, Muhammad Saeed and Muhammad Farhan Tabassum) (HEC Recognized Y Category)
44. S., N. J., Shahid, N. A., Ali, A., **Tabassum, M. F.**, & Umair, M. J. (2015). Modified Adomian Decomposition Method and Homotopy Perturbation Method for Higher-Order Singular Boundary Value Problems. *Science International*, 27(3), 1999-2004. (Muhammad Farhan Tabassum) (HEC Recognized Y Category)
45. **Tabassum, M. F.**, **Saeed, M.**, Ahmad, N., & Sana, A. (2015). Solution of war planning problem using derivative free methods. *Science International*, 27(1), 395-398. (Muhammad Farhan Tabassum and Muhammad Saeed) (HEC Recognized Y Category)
46. A. Riffat, N. A. Shahid, **Tabassum, M. F.**, Nazir, S., & Sana, A. (2015). Solution of an elliptic problem in t-shaped geometry using spectral domain decomposition method. *Science International*, 27(1), 389-394. (Muhammad Farhan Tabassum) (HEC Recognized Y Category)
47. A., S., Chaudhry, N. A., **Saeed, M.**, & **Tabassum, M. F.** (2015). Adomian decomposition method with Neumann boundary conditions for solution of nonlinear

- boundary value problem. *Science International*, 27(1), 383-388.(Muhammad Saeed and Muhammad Farhan Tabassum) (HEC Recognized Y Category)
48. Tabassum, M. F., Saeed, M., Sana, A., & Ahmad, N. (2015). Solution of 7 Bar Tress Model Using Derivative Free Methods. *Proceedings of the Pakistan Academy of Sciences*, 52(3), 265-271.(Muhammad Farhan Tabassum and Muhammad Saeed)(HEC Recognized X Category)
49. Tabassum, M. F., Saeed, M., Chaudhry, N. A., Sana, A., & Zafar, Z. (2015). Optimal Design of Oxygen Production System by Pattern Search Methods. *Pakistan Association for the Advancement of Science*, 67(4), 371-376.(Muhammad Farhan Tabassum and Muhammad Saeed)(HEC Recognized X Category)
50. Sadaf, S., Tabassum, M., Sana, A., Shahid, N., Chaudhry, N., & Saeed, M. (2015). Minimization of two bar bracket optimization problem through derivative free methods. *Science International*, 27(6), 6153-6156.(Muhammad Farhan Tabassum, Sana Akram and Muhammad Saeed)(HEC Recognized Y Category)
51. Sharif, M., & Rani, S. (2015). Dynamical Instability of Expansion-Free Collapse in f (T) Gravity. *International Journal of Theoretical Physics*, 54(8), 2524-2542. (Shamaila Rani) (IF 0.93 JCR Listed)
52. Asif, N. A., Talib, I., & Tunc, C. (2015). Existence of Solutions to Second Order Nonlinear Coupled System with Nonlinear Coupled Boundary Conditions. *Electronic Journal of Differential Equations*, 2015(13), 1-11. (Naseer Ahmad Asif and Imran Talib) (IF 0.64 JCR Listed)

Conference Paper

1. Rashid, T. (2015). *An Improved Clustering Algorithm Based On Fuzzy Relation*. Paper presented at the Recent Advances in Mathematical Methods, Models and Applications Lahore School of Economics, Lahore.
2. Manzoor, R. (2015). *Dynamical Stability of Stability of Stars in Brans Dicke gravity*. Paper presented at the International Conference on Relativistic Astrophysics, Punjab University Lahore.
3. Tabassum, M. F. (2015). *Optimal design of war planning problem by soft set theory and pattern search methods*. Paper presented at the 1st UMT National Conference on Pure and Applied Mathematics, UMT Lahore.
4. Tabassum, M. F. (2015). *Modeling and Optimizing Oxygen Production System using Differential Evolution*. Paper presented at the 5th International Multidisciplinary Conference Imperial College of Business Studies, Lahore.
5. Tabassum, M. F. (2015). *Simplex based Differential Evolution applied to War Planning Problem*. Paper presented at the 37th All Pakistan Science Conference, Pakistan Council of Science and Industrial Research, Lahore.

Department of Chemistry

Journal Paper

1. Khan, M. R., Ahmed, H., Panadero-Fontan, R., Lopez-Sandez, C., Khan, M. A., Asif, S., Qayyum, M., **Raza, H.** (2015). Risk mapping of bovine hypodermosis using geographical information system (GIS) in cattle of subtropical region, Pakistan. *The Journal of Infection in Developing Countries*, 9(08), 872-877. (**Hamid Raza**) (IF 1.138 JCR Listed)
2. **Shahid, S.**, Riaz, T., & Asghar, M. N. (2015). Screening of *Ranunculus sceleratus* for enzyme inhibition, antibacterial and antioxidant activities. *Bangladesh Journal of Pharmacology*, 10(2), 436-442. (**Sammia Shahid**) (IF 1.052 JCR Listed)
3. Ahmad, T., Anjum, S., **Afzal, M. S.**, **Raza, H.**, & **Arshad, N.** (2015). Molecular confirmation of enterovirus from sewage and drinking water samples from three cities, Pakistan: a potential risk factor for public health. *Southeast Asian Journal of Tropical Medicine and Public Health*, 46(4), 640. (**Muhammad Sohail Afzal, Hamid Raza and Najma Arshad**) (IF 0.719 JCR Listed)
4. Mustafa, I., Ahmed, H., Lodhi, M. A., Khan, A. R. S. S., Haider, W., Bostan, N., . . . **Afzal, M. S.** (2015). Newcastle disease as an emerging disease in peacocks of Tharparker, Pakistan. *The Journal of Infection in Developing Countries*, 9(08), 914-916. (**Muhammad Sohail Afzal**) (IF 1.138 JCR Listed)
5. **Raza, H.**, Ahmad, T., & **Afzal, M.S** (2015). HCV, Interferon Therapy Response, Direct Acting Antiviral Therapy Revolution and Pakistan: Future Perspectives. *Asian Pacific journal of cancer prevention: APJCP*, 16(13), 5583-5584. (**Hamid Raza and Muhammad Sohail Afzal**) (IF 2.514 JCR Listed)
6. **Afzal, M. S.**, Ahmad, T., & Ahmed, H. (2015). Hepatitis C Virus Infection in Iran; Viral Spread Routes in General Population and Safety Measures. *Hepatitis monthly*, 15(10).. (**Muhammad Sohail Afzal**) (IF 1.932 JCR Listed)
7. Saeed, U., Waheed, Y., Ashraf, M., Waheed, U., Anjum, S., & **Afzal, M. S.** (2015). Estimation of Hepatitis B Virus, Hepatitis C Virus, and Different Clinical Parameters in the Thalassemic Population of Capital Twin Cities of Pakistan. *Virology: research and treatment*, 6, 11. (**Muhammad Sohail Afzal**) (SJR Listed)
8. Ahmad, T., Anjum, S., Zaidi, N.-u.-S. S., Ali, A., Waqas, M., **Afzal, M. S.**, & Arshad, N. (2015). Frequency of hepatitis E and Hepatitis A virus in water sample collected from Faisalabad, Pakistan. *Annals of Agricultural and Environmental Medicine*, 22(4), 661–664. (**Muhammad Sohail Afzal**) (IF 1.126 JCR Listed)

Conference Paper

1. Shahid, S. (2015, Jan 21-23,). *Comparison of HPLC and HPTLC Methods for Isolation of Novel Alkaloids from R. serpentina and R. vomitoria*. Paper presented at the International Conference on Exploring New Avenues in Medicinal Chemistry: Opportunities and Challenges, Forman Christian College University, Lahore, Pakistan
2. Shahid, S. (2015, Jan 21-23,). *Comparative Study of anticancerous activity of litchi fruit pericarp and litchi seed extract*. Paper presented at the International Conference on Exploring New Avenues in Medicinal Chemistry: Opportunities and Challenges, Forman Christian College University, Lahore, Pakistan
3. Shahid, S. (2015, Jan 21-23,). *Comparative study of free radical activity of five different species from mint family (Salvia)*. Paper presented at the International Conference on Exploring New Avenues in Medicinal Chemistry: Opportunities and Challenges, Forman Christian College University, Lahore, Pakistan
4. Shahid, S. (2015, Jan 21-23,). *Comparative study of antiasthmatic activity of four different herbs*. Paper presented at the International Conference on Exploring New Avenues in Medicinal Chemistry: Opportunities and Challenges, Forman Christian College University, Lahore, Pakistan
5. Shahid, S. (2015, Jan 21-23,). *Comparative study of antibacterial activity of different parts of Peganum harmal*. Paper presented at the International Conference on Exploring New Avenues in Medicinal Chemistry: Opportunities and Challenges, Forman Christian College University, Lahore, Pakistan
6. Shahid, S. (2015, Jan 21-23,). *Comparison of Antifungal Activity of Trachyspermum ammi (Ajwain)*. Paper presented at the International Conference on Exploring New Avenues in Medicinal Chemistry: Opportunities and Challenges, Forman Christian College University, Lahore, Pakistan
7. Shahid, S. (2015, Jan 21-23,). *Comparative study of anticancer activity of four different herbs*. Paper presented at the International Conference on Exploring New Avenues in Medicinal Chemistry: Opportunities and Challenges, Forman Christian College University, Lahore, Pakistan
8. Shahid, S. (2015, Jan 21-23,). *Comparative Study of Anti-diabetic Activity of Leaf Extract of Catharanthus roseus*. Paper presented at the International Conference on Exploring New Avenues in Medicinal Chemistry: Opportunities and Challenges, Forman Christian College University, Lahore, Pakistan
9. Shahid, S. (2015, Jan 21-23,). *Comparative study of antioxidant and anticancer activities by the root extracts of Platycodon Grandiflorum*. Paper presented at the International Conference on Exploring New Avenues in Medicinal Chemistry: Opportunities and Challenges, Forman Christian College University, Lahore, Pakistan
10. Shahid, S. (2015, Jan 21-23,). *Comparative study of antioxidant activity of five different species from Apiaceae*. Paper presented at the International Conference on Exploring

New Avenues in Medicinal Chemistry: Opportunities and Challenges, Forman Christian College University, Lahore, Pakistan

11. Rasool, N., & Farooq, A. (2015, November 8-10). *Role of lipstick and blush stick in genetic profiling for human identification*. Paper presented at the 2nd International Arab Forensic Science and Forensic Medicine Conference, Naif Arab University for Security Sciences. Riyadh, Saudi Arabia.

Department of Physics

Journal Paper

1. **Abdullah, A.**, Saleemi, A., & Anis-ur-Rehman, M. (2015). Temperature and frequency dependence of transport phenomena in co-doped rare earth oxides nanoparticles for ITSOFCs. *Journal of Alloys and Compounds*, 632, 695-700.(A. Abdullah) **(IF 3.00JCR Listed)**
2. Hussain, M., **Siddique, M. B.**, & Imran, T. (2015). Analysis of transversely electrical excited atmospheric (TEA) nitrogen laser and different parameters of homemade ignition system. *Science International*, 27(6), 5001-5004.(Muhammad Bilal Siddique) **(HEC Recognized Y Category)**
3. **Shah, S. Z. H.**, Khan, U., Riaz, S., & Naseem, S. (2015). Effect of pH on Iron Oxide Nanoparticles. *Materials Today: Proceedings*, 2(10), 5214-5219.(Zaheer Hussain Shah) **(SJR Listed)**
4. **Lodhi, M.**, & Ahmad, N. (2015). Optimization of power of alkali metal thermo electric convertor. *Journal of Power Sources*, 275, 644-649.(M.A.K. Lodhi) **(IF 6.32 JCR Listed)**

Conference Paper

1. Abdullah, A., Munir, A., Saleemi, A., Saqib, M., & Anis-ur-Rehman, M. (2015). *Structural and electrical studies of mixed metal/ceramic composite dielectric thin films*. Paper presented at the Applications of Ferroelectric, International Symposium on Integrated Functionalities and Piezoelectric Force Microscopy Workshop (ISAF/ISIF/PFM), 2015 Joint IEEE International Symposium on the.
2. Anis-ur-Rehman, M., Munir, A., Saleemi, A., & Abdullah, A. (2015). *Shape evolution and enhanced sensing and functionalization of RE-OH nanostructures*. Paper presented at the Applications of Ferroelectric, International Symposium on Integrated Functionalities and Piezoelectric Force Microscopy Workshop (ISAF/ISIF/PFM), 2015 Joint IEEE International Symposium on the.
3. Shah, Z. H. (2015). *Sol-Gel Synthesis of Iron Oxide Nanoparticles-Effect of Molar Concentration*. Paper presented at the International Conference on Solid State Physics 2015 (ICSSP' 15), COE Solid State Physics, PU Lahore, Pakistan.

4. Shah, Z. H. (2015). *Impact of Manganese Doping on Microstructural, Magnetic and Dielectric Properties of Corundum Iron Oxide Nanoparticles*. Paper presented at the International Conference on Solid State Physics 2015 (ICSSP' 15), COE Solid State Physics, PU Lahore, Pakistan.
5. Shah, Z. H. (2015). *Effect of Calcination Temperature on Sol-Gel Synthesized Iron Oxide Nanoparticles*. Paper presented at the International Conference on Solid State Physics 2015 (ICSSP' 15), COE Solid State Physics, PU Lahore, Pakistan.
6. Shah, Z. H. (2015). *Structural, Electrical and Magnetic Properties of Fe₂O₃ Nanoparticles-Surfactant Free Sol-Gel Route*. Paper presented at the International Conference on Solid State Physics 2015 (ICSSP' 15), COE Solid State Physics, PU Lahore, Pakistan.
7. Ghaithan, H. M., Qaid, S. M., Hezam, M., Siddique, M. B., Bedja, I. M., & Aldwayyana, A. S. (2015). *Invoking the frequency dependence in square modulated light intensity techniques for the measurement of electron time constants in dyesensitized solar cells*. Paper presented at the SPIE Nanoscience+ Engineering.
8. Afzal, A. (2015). *Sol-gel synthesis and investigation of structural, morphological and magnetic properties of Cr₂O₃ and MnCr₂O₄ nanoparticles*. Paper presented at the International Conference on Solid State Physics 2015 (ICSSP' 15), Punjab University Lahore.

School of Professional and Advancement

Journal Paper

1. Yazdani, N., & Murad, H. (2015). Toward an Ethical Theory of Organizing. *Journal of Business Ethics*, 127(2), 399-417. doi: 10.1007/s10551-014-2049-3 (Naveed Yazdani and Hassan Sohaib Murad) (IF 1.33 JCR Listed)
2. Abbas, R., Farooq, A., & Afghan, S. (2015). A Security Model for SaaS in Cloud Computing. *Technical Journal, University of Engineering and Technology (UET) Taxila, Pakistan*, 20(IV). (Sher Afghan)(HEC Recognized Y Category)

School of System and Technology

Department of Computer Science

Journal Paper

1. Khalid, S., & Malik, A. A. (2015). Impact of Team Structure on Software Development Productivity and Quality in Pakistani Software Houses. *FAST-NU Research Journal (FRJ)*, 1(1). (Sadia Khalid)
2. Abid, A., Farooq, M. S., Farooq, U., Abid, K., & Shafiq, M. (2015). A Strategy for the Design of Introductory Computer Programming Course in High School. *Journal of*

- Elementary Education*, 25(1), 145-165.(Adnan Abid, Muhammad Shoaib Farooq and Uzma Farooq)(HEC Recognized Y Category)
3. **Farooq, E., Akmal, A.** & Ullah, R. (2015). User Acceptance for E-Learning in Higher Education–TAM Model Study. *International Journal of Management Sciences and Business Research*, 4(10), 53-69.(Emmen Farooq and Anum Akmal)
 4. **Abid, A., Farooq, M. S.**, Raza, I., Farooq, U., & Abid, K. (2015). Variants of Teaching First Course in Database Systems. *Bulletin of Education & Research*, 37(2), 1-17.(Adnan Abid and Muhammad Shoaib Farooq)(HEC Recognized Y Category)
 5. **Khan, N. S., Abid, A., Abid, K., Farooq, U., Farooq, M. S., & Jameel, H.** (2015). Speak Pakistan: Challenges in Developing Pakistan Sign Language using Information Technology. *South Asian Studies*, 30(2), 367.(Nabeel Sabir Khan, Adnan Abid, Uzma Farooq, Muhammad Shoaib Farooq and Hamza Jameel)(HEC Recognized Y Category)
 6. Mohammadpour, L., Hussain, M., Aryanfar, A., Raee, V. M., & **Sattar, F.** (2015). Evaluating Performance of Intrusion Detection System using Support Vector Machines: Review. *International Journal of Security and Its Applications*, 9(9), 225-234.(Fahad Sattar) (IF 0.64 JCR Listed)

Conference Paper

1. Shah, F. A. (2015). *Feature based driver's Distraction Detection Techniques using Neural Network based on Fixed Single Camera*. Paper presented at the Image and Vision Computing New Zealand.
2. Farooq, M. S., Iqbal, R., Husnain, Sherazi, Gilani, A., Ahmad, B., & Hassan, B. (2015, August 25-27). *Evaluation of Low Power Mobile Devices in Intelligent Transportation Systems*. Paper presented at the International Conference on Computational and Social Science, Malaysia.
3. Farooq, M. S., & Abid, A. (2015, December 9-11). *A Formal Design for the Lexical and Syntax Analyzer of a Pedagogically Effective subset of C++*. Paper presented at the IEEE International Conference on Machine Learning and Applications. Miami, USA.
4. Farooq, M. U., Ayyaz, A., Awan, S. M., & Aamna Shakoor. (2015, 17-19 December). *Smartphone Based Interface for Epidemic Surveillance System*. Paper presented at the 9th IEEE International Conference on Open Source Systems & Technologies (UET) Lahore.
5. Farooq, E., Iftekhhar, A., Shahzadi, R., & Ali, S. F. (2015). *Scrum Adaptation to Improve Software Quality in Software Engineering Semester Projects*. Paper presented at the 4th International Multi-topic Conference, Mehran University of Engineering and Technology Jamshoro.
6. Farooq E. , Akmal A., Ullah R.,(2015) " *User Acceptance for E-Learning in Higher Education: TAM Model Study*". In Proceedings of 5th ICoBM

Department of Informatics and Telecommunication

Conference Paper

1. Rubab, N., Jaffer, G., Nader, R., & Mushtaq, M. T. (2015). *Space outreach initiatives through online & real-time space operations using virtual ground station*. Paper presented at the Aerospace Conference, 2015 IEEE.
2. Shahab, M. B., Wahla, M. A., & Mushtaq, M. T. (2015). *Downlink resource scheduling technique for maximized throughput with improved fairness and reduced BLER in LTE*. Paper presented at the 38th International Conference on Telecommunications and Signal Processing (TSP).
3. Y.S. Mehmood, M. T. M., M.S.Khan. (2015). *Performance Analysis of Free Space Optical Communication under Dense Fog Conditions at Lahore and Switch over Analysis from FSO to RF Communication Link*. Paper presented at the HONET Conference, NUST Islamabad.

Institute of Communication and Cultural Studies

Journal Paper

1. Riaz, S., Sarfraz, R., & Khan, F. E. Y. (2015). Comparison between Shaw's and Brecht's Treatment of Political Consciousness. *Language in India*, 15(6). (Sadia Riaz and Rida Sarfraz)
2. Riaz, S., & Khan, F. E. Y. (2015). The Image of the Woman Paralleled With the Decline of Delhi. *Language in India*, 15(6). (Sadia Riaz)
3. Riaz, S. (2015). Queering: Empowerment or Threat. *Linguistics & Literature Review (LLR)*, II(1), 3-14. (Sadia Riaz)
4. Khalid, A., & Ashfaq, N. (2015). Students' Attitude towards Teachers' Urdu Code-Switching in ESL Class-Rooms at University of Management & Technology Lahore. *Journal of Literature, Languages and Linguistics*, 8, 5-16. (Amina Khalid and Naheed Ashfaq)

Conference Paper

1. Khan, A. (2015). *Gender Differences in the Use of Language Learning Strategies among ESL Learners*. Paper presented at International Conference of Linguistic Association of Pakistan held at Kinnaird College Lahore, Pakistan: October 07-09, 2015
2. Qanwal, S. & Khan, A. (2015). *Ontology of self: A stylistic Discourse Analysis of Paulo Coelho's Narratives Techniques in 'The Alchemist'*. Paper presented at 1st International Conference on Emerging trends in Researching Language, Linguistics and Literature held at Department of Humanities, Air University Islamabad Pakistan (Dec 15-16, 2015)

Institute of Applied Sciences

Journal Paper

1. **Manan, A.**, Waseem, I., Irfan, M., & Shafqat, R. (2015). Economic analysis of hybrid and conventional varieties of rice: a case study of Tehsil Bhowana of District Chiniot. *Pakistan Journal of Science*, 67(2).**(Manan Aslam)(HEC Recognized Y Category)**

Conference Paper

1. Aslam, M., Hussain, S. S., & Rasool, S. (2015). *Determinants that Influences Remittance Inflows to Pakistan*. Paper presented at the 5th International Conference on Business Management, Karachi.
2. Aslam, M., Z. Ali and S. Rasool, Z. (2015). *Investigating the Impact of Major Determinants of Agricultural Exports in Pakistan*. Paper presented at the International Conference on Business and Management Research (ICBMR), MUST University Mirpur, Azad Jammu and Kashmir.
3. Aslam, M., Butt, S. J., & Rasool, S. (2015). *Knowledge and Perceptions regarding Climate Change: A Case study of University Scholars in Pakistan*. Paper presented at the Five days conference on urbanization and climate change, Lahore.

School of Health Science

Book

1. Baig, A. A., Khan, A., & Bhati, S. (2015). *Genetic Diseases for the Common Man: Create Space Independent Publishing Platform*.

School of Architecture and Planning

Journal Paper

1. Kamran, M., & **Awan, M. Y.** (2015). Masonry Walls Analysis from Shish Mahal in Lahore-Pakistan. *Journal of Research in Architecture and Planning*, 19(2), 22-29. **(Muhammad Yousal Awan)**
2. **Gulzar, S.**, Asim, M., & **Shirwani, R. K.** (2015). Measuring social in plammed and unplanned neighborhood of Lahore: A case study of Johar Town and Singhpura. *Journal of Research in Architecture and Planning*, 19(2), 30-43. **(Saima Gulazar and Rummana Khan Shirwani)**
3. Asim, M., **Shirwani, R. K.**, & **Gulzar, S.** (2015). Increasing trend towards passive recreation in the metropolitan. *Journal of Research in Architecture and Planning*, 18(1), 44-49. **(Saima Gulazar and Rummana Khan Shirwani)**
4. **Sherwani, R. K.**, & Asim, M. (2015). Land management in early Islam. *Journal of Islamic Thought and Civilization*, 5(1), 57-65. **(Rummana Khan Shirwani) (UMT Journal)**

Table 1

School/Institute/Department Listing of Publications: 2015

School, Institute/Department Name	Journal Articles	Conference Papers	Books	Total	JCR Approved	HEC Approved (Local Journal)		UMT Journal	SJR Approved
						X Category	Y Category		
School of Engineering (SEN)									
Department of Electrical Engineering	4	6	-	10	-	-	2	-	-
Department of Mechanical Engineering	2	1	-	3	-	1	-	-	-
Department of Civil Engineering	8	3	-	11	1	2	5	-	-
Department of Industrial Engineering	3	1	-	4	-	-	2	-	-
Department of Energy Engineering	-	1	-	1	-	-	-	-	-
<i>Sub Total</i>	<i>17</i>	<i>12</i>	<i>-</i>	<i>29</i>	<i>1</i>	<i>3</i>	<i>9</i>	<i>-</i>	<i>-</i>
School of Textile & Design (STD)									
School of Textile & Design	2	-	-	2	1	-	-	-	-
<i>Sub Total</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Institute of Clinical Psychology (ICP)									
Institute of Clinical Psychology	1	27	-	28	-	1	-	-	-
<i>Sub Total</i>	<i>1</i>	<i>27</i>	<i>-</i>	<i>28</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>-</i>
School of Social Sciences & Humanities (SSSH)									
Department of Psychology	1	19	-	20	-	-	1	-	-
Department of Education	7	4	-	11	-	-	1	-	-
Department of English Language and Literature	3	4	-	7	-	1	-	-	-
Department of Political Science	1	7	-	8	-	-	-	-	-
Department of Sociology	-	3	-	3	-	-	-	-	-
Department of Islamic Thought and Civilization	3	-	-	3	-	-	3	-	-
<i>Sub Total</i>	<i>15</i>	<i>37</i>	<i>-</i>	<i>52</i>	<i>-</i>	<i>1</i>	<i>5</i>	<i>-</i>	<i>-</i>
School of Governance & Society (SGS)									
School of Governance & Society	4	2	-	6	-	-	1	-	1
<i>Sub Total</i>	<i>4</i>	<i>2</i>	<i>-</i>	<i>6</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>1</i>
School of Business & Economics (SBE)									
Department of Economics	7	6	-	13	1	-	1	2	-
Department of Finance	7	10	-	17	-	1	-	4	-
Department of Marketing	1	4	-	5	-	-	-	-	-
Department of Operations & Supply Chain	2	3	2	7	-	-	1	1	-
Department of Management	9	-	-	9	1	-	2	-	3
Department of Skills Development	-	1	-	1	-	-	-	-	-
Department of Quantitative Methods	-	1	-	1	-	-	-	-	-
<i>Sub Total</i>	<i>26</i>	<i>25</i>	<i>2</i>	<i>53</i>	<i>2</i>	<i>1</i>	<i>4</i>	<i>7</i>	<i>3</i>

School of Commerce and Accountancy (SCA)									
School of Commerce and Accountancy	-	3	4	7	-	-	-	-	-
<i>Sub Total</i>	-	3	4	7	-	-	-	-	-
Institute of Islamic Banking (IIB)									
Institute of Islamic Banking	4	3		7	-	-	-	4	-
<i>Sub Total</i>	4	3		7	-	-	-	4	-
School of Science (SSC)									
Department of Mathematics	52	5	-	57	23	3	13	-	2
Department of Chemistry	8	11	-	19	7	-	-	-	1
Department of Physics	4	8	-	12	2	-	1	-	1
<i>Sub Total</i>	64	24	-	88	32	3	14	-	4
School of Professional Advancement (SPA)									
School of Professional Advancement	2	-	-	2	1	-	1	-	-
<i>Sub Total</i>	2	-	-	2	1	-	1	-	-
School of Systems & Technology (SST)									
Department of Computer Sciences	6	6	-	12	1	-	3	-	-
Department of Informatics and Telecommunication	-	3	-	3	-	-	-	-	-
<i>Sub Total</i>	6	9	-	15	1	-	3	-	-
Institute of Communication and Cultural Study (ICCS)									
Institute of Communication and Cultural Study	4	2	-	6	-	-	-	-	-
<i>Sub Total</i>	4	2	-	6	-	-	-	-	-
Institute of Applied Science (IAS)									
Institute of Applied Science	1	3	-	4	-	-	1	-	-
<i>Sub Total</i>	1	3	-	4	-	-	1	-	-
School of Health Science (SHS)									
School of Health Science	-	-	1	1	-	-	-	-	-
<i>Sub Total</i>	-	-	1	1	-	-	-	-	-
School of Architecture and Planning (SAP)									
School of Architecture and Planning	4	-	-	4	-	-	-	1	-
<i>Sub Total</i>	4	-	-	4	-	-	-	1	-
Total	150	147	7	304	38	9	38	12	8
						47			