



SZABIST

Shaheed Zulfikar Ali Bhutto Institute of Science & Technology
KARACHI CAMPUS

Researchers Profile Booklet 2020

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34. Dr. Taraq Waheed	Head of Social Sciences
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Larkana Campus

1. Dr. Zahida Abro	Head of Campus
2. Dr. Farooq Ahmad	Faculty

Dubai Campus

1. Dr. Hummayoun Naeem	Head of Campus
2. Dr. Nasreen Khan	Faculty
3. Dr. Ahsan Rehman	Faculty

PREFACE

This booklet is designed to portray the researchers of Shaheed Zulfikar Ali Bhutto Institute of Science and Technology. This booklet is based on profiles of PhD faculty members of SZABIST Karachi, Hyderabad, Islamabad, Larkana and Dubai campus. The idea was motivated by the fact that there is a dire need to let the academic community about the research work done that has been done at SZABIST for so many years. Also this provides an opportunity to donor agencies and academia to know about our prestigious Ph.D faculty members at SZABIST. The booklet contains information about each researcher like the Short Biography, Research Interests, Completed and Ongoing Projects and Selected Publications of the individual Researcher.

ORIC has been committed to promote the scholarly excellence and productive interdisciplinary research endeavors of its researchers. SZABIST provides opportunities to its faculty and students to create innovative knowledge through excellence in their careers and addressing the evolving needs of society. Moreover, SZABIST continually encourage faculty to expand the scope of socio-academic values through research and innovation in pedagogical skills. However the research output in university is primarily driven by the faculty members, research scholars, and graduate students. ORIC has been helping the faculty and students in identifying their research needs and coordinating project activities. The professional engagement of our faculty has resulted in a number of ongoing funded research projects for HEC.

The Predictive Analytics Lab was approved by the planning commission with a total sum of 81.24 M PKR have been allocated for the project in which 44.11 million PKR are allocated for SZABIST Islamabad, while 37.15 million PKR are for SZABIST Karachi. Predictive Analytics Lab granted to Shaheed Zulfiqar Ali Bhutto Institute of Technology (SZABIST), Islamabad Campus to target the healthcare domain. SZABIST Islamabad. Predictive Analysis Lab (PAL) is to be established under the umbrella of the National Center of Big Data and Cloud Computing SZABIST PA Lab is meant to apply the high masses of data generated from the health care programs of Health Department of Sindh to improve healthcare quality and coordination with an increased focus on patient-centric care.

Smart Manufacturing Lab under the National Center for Big Data & Cloud Computing (NCBC) is being developed at SZABIST, Karachi. The objective of Smart Manufacturing lab is the seamless integration of everything in, and around a manufacturing operation i.e. suppliers, plants, distributors, and the products in the core concept of Cyber-Physical Systems (CPS). Cyber-Physical Systems (CPS) are integrations of computation, networking, and physical processes. Embedded computers and networks monitor and control the physical processes, with feedback loops where physical processes affect computations and vice versa.

The Media Sciences Department from SZABIST, Islamabad had submitted a project titled “Documentaries Highlighting H.E.C/T.D.F Success Stories”. It was submitted by Media Sciences Department, SZABIST, Islamabad. The project was highly appreciated at HEC during its project presentations and we are proud to announce that HEC has awarded grant of 14 Million PKR to this proposal. The documentaries will be made on the selected 33 proposals funded by Higher Education Commission Pakistan. These documentaries will cover the process of the products, their applications, important features and how these products are giving benefit to the society. This idea was endorsed by PTV NEWS to be industrial partner and agreed to show these documentaries on their Channel. ORIC SZABIST played a major role in completion of the proposal and bringing PTV NEWS onboard.

In this booklet, the Offices of Research, Innovation and Commercialization - ORIC took initiative to bring the desired data, collect and compile all the profiles of its researchers so it could be useful document to refer to SZABIST researchers record. ORIC is geared up to provide all the support to its researchers to apply for research grants as well as well for patents and copyrights. I would to extend my gratitude to Prof. Dr Altaf Mukati, Vice President Academics for extending his fullest support to ORIC at SZABIST. I am also thankful to Madam President, Ms. Shahnaz Wazir Ali for having a firm belief on me and her keen interest in ORIC and through guidance has brought radical changes in the research culture at SZABIST. It is my firm belief that the Vision comes from the top management, we just execute it. It will not be fair if I do not mention about SZABIST Chancellor, Ms. Azra Fazal Pechuho who always supported ORIC to be developed as a full Unit without compromising any requirements from HEC. Such visionary decisions are of great benefit for transforming SZABIST into a distinguished research university.

From the Chancellor's Desk

Decades of research have led us to where we are today, a civilized society with the knowledge and tools to move forward. If early civilizations had not been curious about the skies and universe. We would not know anything about space.



The truth is that we can not really begin to imagine what the world will be like in 30 years. We do know it will be fundamentally different from today and we can be sure that it will be different because of science, technology, innovation and research which is already taking place in universities and research centers.

Academic Research is not only critical to the economic and social development of society, it is also critical to the mission of our University. Universities are places where new knowledge is created, new knowledge is pursued.

Countries are distinguish by their ability to create new knowledge, develop new ideas and application of research. Increasingly research requires a multi-disciplinary approach. It provides growth in multiple disciplines. University research needs to be relevant to the needs of the country, it should provide solutions to the problems of the country.

As a Chancellor I am very satisfied with the fact that Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) has moved significantly towards becoming a well-recognized research and teaching university. I am pleased to see that there are number of research publications published in good quality Journals. It is heartening to see the concerted efforts in the production of this booklet Researchers Profile Booklet which contains the list of research publications by SZABIST faculties.

Dr. Azra Fazal Pechuho

President's Message

In a globalized world, the role of research in academic institutions is critical for society's intellectual development. It is equally imperative to have knowledge-driven growth based on innovation. The quest for knowledge is the moving force behind research. The quality of research work directly translates to the quality of teaching and learning in the classroom, thereby benefiting students, society and the country. We believe that the promotion of research in Pakistan will help the nation evolve as a knowledge reservoir in the international arena.



The purpose of academic research is to seek the truth and new knowledge which enhances social development. Such research is one of the integral responsibilities of a faculty member working in an academic institution. SZABIST faculty from all campuses produced more than 290 publications in last five years which have been published in International Journal, ISI-Indexed, Y-category, X-category, W-category, Z-category and SCOPUS.

I am pleased to see the commendable research work of SZABIST faculty in the form of this booklet which is a testimony to their dedicated intellectual effort over the past 5 years. Their contributions to society will go a long way in contributing to the further development and application of new knowledge.

Ms Shahnaz Wazir Ali

Message from the Vice President (Academics)

Teaching, through ages, has been one of the most rewarding, challenging, demanding, and noble professions. The masters in antiquity set for their successors very high standards of moral strength, social integrity, and general awareness. The whole purpose of education is to prepare minds for analytical thinking with self-confidence. The purpose is incomplete without significant contribution in the society.



SZABIST – while celebrating its 25th Silver Jubilee year in 2020, has also accepted a challenge to successfully manage itself on online education. It has been a complete paradigm shift caused due to COVID-19. The university operates with a holistic and competitive approach in teaching and special emphasis on meaningful research and professional growth of its faculty. In nurturing research and teaching at the university, various efforts have been made to enable the SZABIST community to get access to required sources of information.

Research has been the focus at SZABIST, due to which some of the components of research is included even at undergrad level of studies. Our faculty at all campuses are serving the nation by advancing varied research insights that include but are not limited to socio-cultural and geo-economic problems to bring improvement to the lives of our citizens. We not only embrace innovation in our faculty growth Programmes, where we employ virtual learning networks to connect and develop through discussions, webinars, and other online connections but also utilize collaboration with other institutions. Our ORIC offices share innovations easily transferable to other contexts and seek ways to coordinate for advocacy, programming, and research collaborations. Further, our faculty also benefit from our local and international partnerships for research projects. Nonetheless, despite a wholesome bulk of research publications, avoiding complacency, we keep on motivating our faculty for further excellence in academic and research activities.

I would like to thank the Campus Heads for creating conducive and congenial research-friendly environment for the faculty. Our Academic Heads also deserve appreciation for their supportive and collegial leadership which has enabled the faculty for acclaimed research enterprises, a chunk of which is contained in this booklet. I hope that this success will ignite the spirit among other researchers to delve deeper into research activities of the like.

Prof. Dr. M. Altaf Mukati

DIRECTOR ORIC'S MESSAGE



Universities around the globe appreciate the research profiles and professional competences of professors and researchers. The researchers are expected to be more competitive and knowledgeable to offer creative solutions (through courses, diplomas, research projects, etc.) to complex needs of society. The Office of Research, Innovation and Commercialization (ORIC) at SZABIST has been actively working with its researchers and promotes their visibility to potential funding agencies and industrial partners.

The Researcher's academic profiles promote SZABIST vision to be a leading research institution. The active research done by our faculty members is needed to be shared with both academia and industry. This will be helpful to enhance research collaborations and industry and faculty engagement.

This Researchers Profiles Booklet idea has been initiated for our researchers to increase the visibility of prestigious PhD faculty and the valuable work that SZABIST faculty has been doing for decades. Extensive efforts were made to gather data of our Ph.D researchers from all SZABIST campuses. In this booklet, we are presenting the research work of our 90 Ph.D. faculty members working at different SZABIST campuses.

ORIC consistently encourages and facilitates faculty for research projects, research publications and multiple research purposes. As connecting with workforce in research, innovation, and projects is the sign of a good research university. Through our faculty participation in research and creative undertaking, not only university and individual gets the good research exposure but it also reflects to undergraduate students for becoming better thinkers, entrepreneurs and problem solvers thus developing a profundity of understanding needed to make a positive difference in the world. I am grateful to Ms. Zareesh Zehra, Research Associate, ORIC for putting a great effort in compiling this booklet. Thanks are also due to all ORIC focal persons at different campus for their excellent coordination with our researchers. A special thanks to SZABIST Marketing department for their support in compilation of this booklet...

Prof. Dr. Ahmad Hussain

SZABIST, KARACHI

Dr. Muhammad Altaf Mukati
VP Academics Dean Computing & Engineering Sciences
SZABIST, Karachi

Academic Profile



Name: Dr. Muhammad Altaf Mukati

Designation: Vice President (Academics) / Dean (Computing & Engineering Sciences)

Campus: SZABIST, Karachi

Email: altaf.mukati@szabist.edu.pk

Salient Achievements

- Taught to 7000+ students at various leading universities in Pakistan
- Overseas Training Programme on Leadership Programmes for Higher Education Commission of Pakistan (19th to 25th July London, UK)
- Best University Teacher Award 2010, awarded by Higher Education Commission (HEC) Pakistan
- Life Member, Convener & Expert of Pakistan Engineering Council (PEC Reg. No Electro/427)
- HEC Approved Research Supervisor
- Gold Medal and Star Laureate 2006 Award, honored by South Asia Publications (SAP)
- M.S/PhD Scholarship for USA awarded by Ministry of Science & Technology Pakistan in 1987
- Several Cash Awards by HEC, Hamdard University, Bahria University & Community Centre
- Excellence in IT Research & Development Award – honored by IDEAL Distribution Line
- Teaching Assistant of two very Senior Professors at Boston University, USA in 1987-88
- Participation in two big National Level Projects related to Space-Telemetry and BADR-B (Second Pakistani Satellite).
- Member of several National & International Academic and Research Committees
- Educational Visits to several Countries in Europe, North America, Middle East and Central Asia
- Book authored on “Fault Diagnosis & Testing of Digital Circuits” published by HEC in 2006, rated for M level of Studies
- Book authored on “Fault Tolerant Memories (Background, Concepts & Methods)”, published by LAP LAMBERT Germany, printed in USA. ISBN: 978-3-8484-8759-2, June 2012
- Academic Advisor and In-charge of under construction “SZABIST-School of Engineering and Applied Sciences” at Ghara City (Close to Karachi)

Education:

- | | |
|--|------------------|
| 1. PhD (Computer Engineering) Split | 2003-2007 |
| <ul style="list-style-type: none">• Course Work: Boston University, USA• Research Work: Hamdard University, Pakistan• Research Topic: Improved Techniques to obtain Fault-Tolerant Semiconductor Memories based on Error-Control Coding• Thesis Evaluated at: (i) University of Southampton, UK
(ii) Nanyang Technological University (NTU) Singapore | |
| 2. M.S (Computer Engineering) | 1988-1989 |
| <ul style="list-style-type: none">• Boston University, Boston, Massachusetts, USA• CGPA: 3.58/4.00 | |
| 3. B.E. (Electronic Engineering) | 1977-1981 |
| <ul style="list-style-type: none">• N.E.D. University of Engineering & Technology Karachi, Pakistan• CGPA: 3.96 / 4.00 | |

Awards & Scholarships (in chronological order)

- | | |
|---|-------------|
| • Scholarship for M.S. & PhD from USA awarded by the Ministry of Science & Technology, Government of Pakistan. (Secured 1st position in the scholarship examination from Sindh-Urban) | 1987 |
| • A Cash Award of Rs. 80,000/= honored by Higher Education Commission (HEC) Pakistan for the book authorship on “ Fault Diagnosis and Testing of Digital Circuits, with an Introduction to Error Control Coding ”, Published by HEC in June 2006 | 2006 |
| • A Cash Award of Rs. 50,000/= and a Shield honored by Hamdard University for the authorship of above book | 2006 |
| • Gold Medal and Star Laureate 2006 Award , honored by South Asia Publications (SAP) in its XVII th Star Award ceremony held on 19 th August 2007 at Hotel Marriot Karachi, for outstanding performance in the field of ‘ Information Technology ’ | 2007 |
| • Excellence Award (Research) 2007-2008 honored by Hamdard Institute of Information Technology, Hamdard University | 2008 |
| • Excellence Award (Academics) on overall academic performance honored by Amreli Memon Federation in February 2010 | 2010 |
| • A Cash Award of Rs. 50,000/= honored by Bahria University on 25th March 2011 on account of publishing an ISI Indexed research paper in the Journal of Network | 2011 |

and Computer Applications (Impact Factor 1.1), Vol.34 Number 2 pp. 517-522 ELSEVIER, USA

- | | |
|---|-------------|
| <ul style="list-style-type: none"> • Best University Teacher Award – 2010 & a Cash Award of Rs. 100,000/= given by Higher Education Commission, Pakistan in a ceremony held on 12th July 2011 at HEC Islamabad, Pakistan | 2011 |
| <ul style="list-style-type: none"> • Letter of Appreciation for Best Teacher Award – through the hands of Chief Guest, Naval Chief, Admiral Asif Sandila at 8th Convocation Ceremony held on 29th January 2012 at Bahria University Karachi Campus. | 2012 |
| <ul style="list-style-type: none"> • Excellence in IT Research & Development Award – honored by IDEAL Distribution Line (a leading IT company in Pakistan) on the occasion of “Ideal ICT Excellence Awards” ceremony on 21st September 2012 at Sheraton Hotel Karachi. The award was presented by the Minister of Education (Mr. Pir Mazahar ul Haque) Government of Sindh and Speaker Sindh Assembly (Mr. Nisar Khoro). | 2012 |

Research Supervision, Guidance & Advisory Services

- (Under Supervision). PhD Dissertation title: ***“3D Teeth Segmentation using Split Training Deep Convolutional Neural Network”***, Program: PhD (Computing), Student: Mr. Shahid Khan, SZABIST University (Reg. No. 1632102)
- Supervised. MS Thesis title: ***“To Study the effect of rain and fog on the attenuation of Satellite Communication in Pakistan, based on ITUR, DAH and CRANE models”***, Program: MS (Telecom. & Networking), Student: Syed Iqbal Hussain, Bahria University, Batch 2012-2013
- Supervised. MS Thesis title: ***“A model of distributed control system for remote and secure communication”***, Program: MS (Telecom. & Networking), Student: Mr. Azmat Khan, Batch 2012-2013.
- Supervised IS Research Long Report, Title: ***“The vulnerability of cyber security and strategy to conquer the potential threats on business applications”***, Student: Syed Muzammil Ali, 2014 Spring/Class MSSE/Reg. No. 1171111 at SZABIST Karachi.
- Supervised IS Research Long Report. Title: ***“Repercussion of Program Generated Objects in Smooth Operations Running from Disaster Recovery Site”***, Student: Muhammad Junaid Ashraf, 2014 Spring/Class MSSE/Reg. No. 0973102 at SZABIST Karachi.
- Provided guidance/advisory services to 35 MS and 5 PhD students from various universities, such as Hamdard University, Bahria University, Karachi University, etc. on the research areas related to Information Security, Error Control Coding, Digital and Embedded Systems, etc.

Selected Publications

- Altaf Mukati, Book titled “Fault Diagnosis and Testing of Digital Circuits, with an Introduction to Error Control Coding”, Published by Higher Education Commission (HEC), Pakistan, June 2006. [ISBN: 969-417-095-8], Level of study: M.S./M.Phil. (Equivalent to Three ISI-Indexed Papers)
- Altaf Mukati, Book titled “Fault Tolerant Memories (Background, Concepts & Methods)”, published by LAP LAMBERT Germany, printed in USA. ISBN: 978-3-8484-8759-2, June 2012

[RESEARCH JOURNAL PAPERS]

- [1] Altaf Mukati, A. Rehman Memon and Jameel Ahmed, “Finite State Machine: Techniques to obtain Minimal Equations for Combinational part”, published in the MUET Research Journal, Volume 23 Number 2 pp. 79-86, ISBN: 0254-7821, April 2004.
- [2] Jameel Ahmed, A.Rehman Memon & Altaf Mukati, “Secure Communication using TMS320 C6711 DSK”, published in the MUET Research Journal, Volume 23 Number 4 pp 235-240, , ISBN: 0254-7821, October 2004.
- [3] Altaf Mukati& Pervez Akhtar, “Functional Testing of a Microprocessor”, published in an International Journal UBICC (Ubiquitous Computing and Communication Journal) [ISSN 1992-8424], the "Pervasive Computing" Volume 3 Number 4, pp74–79, September 30, 2008. Ref. www.ubicc.org/files/pdf/255%20_FOR%20UBICC_255.pdf
- [4] Altaf Mukati, “A Survey of Memory Error correcting techniques for improved reliability” published in the Journal of Network and Computer Applications, Vol.34 Number 2 pp. 517-522 ELSEVIER, (Indexed in ISI Master List, with 5-year Impact Factor 2.485) ISSN: 1084-8045 DOI 10.1016/j.jnca.2010.11.006, Nov 2010
- [5] Altaf Mukati, “A heuristic approach of code assignment to obtain an optimal FSM design” paper presented in the 2011 SSITE International Conference on Computers and Advanced Technology in Education, ICCATE 2011, held on November 3-4, 2011 in Beijing, China, Pub. Book Chapter in Advances in Intelligent and Soft Computing, Volume 126/2012, pp. 23-31, DOI: 10.1007/978-3-642-25908-1_4, ISBN: 978-3-642-25907-4 (print) SPRINGER-Verlag Berlin Heidelberg, Feb, 2012.
- [6] Altaf Mukati, “A 3-Tier, Novel, Efficient and Secure Method for Transmission of Decimal Numbers” Int. Journal of American Science, Pub. Marsland Press, New York, USA, ISSN: 1545-1003 Vol:9(9) pp:98-101 (Journal), Sep 2013. doi:10.7537/marsjas090913.14
- [7] Syed Muzammil Ali and Altaf Mukati, “The vulnerability of cyber security and strategy to conquer the potential threats on business applications”, published in SZABIST Journal of Independent Studies and Research (JISR) Computing, ISSN: 1998-4154 vol 12, Issue 1, January 2014.
- [8] Muhammad Junaid and Altaf Mukati, “Repercussion of Program Generated Objects in Smooth Operations Running from Disaster Recovery Site”, published in SZABIST Journal of

Independent Studies and Research (JISR) Computing, ISSN: 1998-4154 vol 12, Issue 1, January 2014.

- [9] Altaf Mukati and Rizwan Mukati, "A Survey on Growing Trends in Automatic Identification and Data Capture Techniques based on Assigned Properties", pub. International Journal of Computer Science and Information Security (IJCSIS), USA, vol 14, No. 11, pp. 580- 589, Indexed in Master Journal List of Thompson Reuters, Impact Factor 0.519, Nov 2016.
- [10] Altaf Mukati, "Green Computing & Engineering Technologies", paper presented in the 4th International Conference on Green Computing and Engineering Technology 2018 (ICGCET®-2018), organized by Aalborg University Niels Bohrs Vej 8 Esbjerg Denmark on August 17-19, 2018.

Dr. Ahmad Hussain
Director, ORIC
SZABIST, Karachi

Academic Profile



Name: Dr. Ahmad Hussain

Designation: Professor/ Director, ORIC

Campus: SZABIST, Karachi

Email: ahmad.hussain@szabist.edu.pk

Short Biography

Presently working as Director, Office of Research, Innovation and Commercialization (ORIC) at SZABIST. He is also a Professor at Department of Mechatronics Engineering. Dr. Ahmad is HEC approved Ph.D Supervisor. Dr. Ahmad has a bachelor in Mechanical Engineering from NED University of Engg. & Technology, Karachi which he did in 1989. After completing the Masters in Nuclear Engineering from Quaid-e-Azam University, Islamabad, he joined Karachi Institute of Power Engineering in 1991 which is affiliated with PIEAS, Islamabad. In 2002, he was awarded Commonwealth Scholarship for Ph.D in Mechanical Engineering. He was associated with this institute as a faculty member and researcher until 2010. Dr. Hussain joined King Abdulaziz University, KSA in January 2011. During his stay at King Abdulaziz University (KAU), KSA, he has organized the research publications work at KAU which helped the University to climb up in QS Rankings. A number of grants were also secured during this period. Later on he was actively involved in the ABET accreditation process. Dr. Ahmad has more than 100 papers published in peer reviewed international journals, presented in numerous national and international conferences, in addition to holding prestigious merit scholarships and postgraduate awards. Dr. Ahmad is member of Editorial Board of Journal of Innovative Systems Design and Engineering published by IISTE, Journal of Strategy & Performance Management and TECHNOCRAT-Journal of Sciences & Technology published by Pakistan Navy Engineering College, PNS JAUHAR, Karachi, Pakistan. Dr. Ahmad is also member of various professional bodies like ASME, IASTED, ANS, SPE etc. He is currently Member of HEC Expert Committee for HEC Recognized Journals. Dr. Hussain has also worked as Tenure Track Professor at NED University, Karachi. Dr. Hussain regularly conduct OBE accreditation visits arranged by Pakistan Engineering Council. Currently as Director, ORIC at Szabist, Karachi. Dr. Ahmad has initiated a number of startups at our University which is supported by private companies.

Research Interests

Dr. Hussain has worked on the design and fabrication of combustion test rig and did good research on low grade coal combustion and gasification. He has also done CFD modeling using ANYSYS FLUENT software for combustion of coal and solid waste. Dr. Hussain's work focused on utilization of fluidized technology for combustion of biomass waste and low grade coals for energy production. His work involved CFD modeling and simulations for industrial projects related to flow and combustion modeling. Worked for about 20 years at Karachi

Nuclear Power Complex which is first installed nuclear power plant of Pakistan. He was involved in addressing design related issues of the plant in addition to teaching professional courses related to Plant. Dr. Hussain has worked on computer modelling of a municipal solid waste combustor for different fuel mixtures. Numerical simulations of the flow field inside the primary and secondary combustion chambers provided the temperature profiles and the concentration data at the nodal points of computational grids. Parametric study was also done to minimize the NO_x emissions. Dr. Hussain also work related to experimental and combustion simulation of combustion test firing of blended palm olein-distillate oil in laboratory combustion test rig. Dr. Ahmad has also done techno-economic feasibilities are being done to make nuclear desalination a viable option is being done now which is important for coastal countries, which are suffering or will soon suffer serious water shortages.

Completed and Ongoing Projects

The following funded projects have been completed:

- i. Energy Management Studies of Faculty of Engineering at King Abdul Aziz University, Rabigh, Saudi Arabia (SR 50,000 KAU Funded Project, Already Completed)
- ii. Pyrolysis and devolatilization behavior of Palm dates wastes (KAU Funding available – SR 50,000, Completed)
- iii. Pyrolysis process development and surface chemical treatment of palm wastes based activated carbon to improve its adsorption capacity in industrial wastewater treatment process (KACST Funded Project – 2 Million SR)
- iv. Hydrodynamic and fluidization behavior in a Circulating Fluidized Bed Riser (KAU Funding Available – SR 50,000, Completed)
- v. Portable Solar Powered Ejector Refrigeration System. (KACST Funded Project – 1.7 Million SR – Ongoing Project)

Selected Publications

1. Iqbal Ahmed, Ahmad Hussain, Hani Hussain Sait (2017) HIGH PERFORMANCE MINI-PUMP FOR LIQUIDS, United States Patent Application Publication, Pub. No.: US 2017/0184122 A1; Pub. January, 2019.
2. Ahmad Hussain, Murtuza Mehdi, Maaz Akhtar, Farid Nasir Ani, Iqbal Ahmed (2018) Combustion Performance of Diesel Palm Olein Fuel: A Combined CFD and Experimental Approach, Arabian Journal for Science and Engineering, 43 (3): pp 1291–1300.
3. Ahmad Hussain, Shahid Ali, Iqbal Ahmed, Jolius Gimbut, Muhammad H. Albeirutty and Zulfiqar Ahmad Rehan (2016) Microwave Reinforced Transesterification of Rubber Seed Oil Using Waste Cement Clinker Catalyst, Current Nanoscience, 12(5): 576 - 585
4. Ahmad Hussain, Iqbal Ahmed, Hani Hussain Sait, Mohamed Ismail Basayoni, Hegab, Abdelkarim Morsy Hegab, Syed Waheed, Farid Nasir Ani (2013) An Experimental and Simulation Study of Fluidization Behavior of Palm Biomass in a Circulating Fluidized Bed Riser, Industrial & Engineering Chemistry Research 52: 17529–17537.
5. Abdullah Alshehri, Ahmad Hussain, Yousof Almubarak (2014) Energy Conversion Measures in the Industries of Saudi Arabia and Development of Methodology for Certification of Energy Personnel in the Kingdom, Energy Policy (Elsevier) 64: 203-208.

Dr. Riaz Ahmed Shaikh
Dean Faculty of Social Sciences and Education
SZABIST, Karachi

Academic Profile



Name: Dr. Riaz Ahmed Shaikh

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Short Biography

- Currently working as Dean / Professor, Faculty of Social Sciences and Education, Shaheed Zulfikar Ali Bhutto Institute of Science Technology (SZABIST), Karachi from December 2010 to till date.
- Worked as an Associate Professor in Institute of Business & Technology, Karachi in Faculty of Management & Social Sciences from April 2007 till December 2010.
- Worked as an Assistant Professor in Institute of Business & Technology, Karachi in Faculty of Management & Social Sciences from September 2006 to till March 2007.
- Worked as an Assistant Professor in Balochistan University of Information Technology, Engineering and Management Sciences, Quetta in Faculty of Management & Social Sciences from May 2006 to August 2006.

International Awards

A research paper *Pakistani Military Role in Asian Context*, in Giuseppe Caforio (ed), *Advances in Military Sociology: Essays in Honor of Charles C. Moskos*, ISBN: 978-1-84855-892-2, Emerald Group Publishing Limited, United Kingdom, 2009 is declared as an ***Outstanding Author Contribution Award Winner*** at the Literati Network Awards for Excellence 2010 by the Emerald Publishers.

International Publications

1. Riaz Ahmed Shaikh, Conflict of Civil-Military Approach in Pakistan: Its Regional Implications, in Manas Chatterjee (ed.), *Cooperation for a Peaceful and Sustainable World*, Emerald Group Publishing Limited, ISBN: 978-1-78190-335-3, United Kingdom, 2012. **(ISI Indexed)**
2. Riaz Ahmed Shaikh, Ideology of the Changing Shape of Conflict in South Asia: An Analysis of The Mumbai Attacks, in Manas Chatterjee (ed.), *New Wars, New Militaries, New Soldiers: Conflicts, The Armed Forces and the Soldierly Subject*, Emerald Group Publishing Limited, ISBN: 978-1-78052-638-6, United Kingdom, 2012. **(ISI Indexed)**
3. Riaz Ahmed Shaikh, Afghan War- Global Jihad and Sectarian Conflict in Pakistan- Internal and External Links, in Manas Chatterjee (ed.), *Conflict Management and Peace Studies*, Emerald Group Publishing Limited, ISBN: 978-0-85724-895-4, United Kingdom, 2011. **(ISI Indexed)**
4. Riaz Ahmed Shaikh, 1968- Was it really a year of social change in Pakistan?, in Mike and Bryn (ed.), *Resurgence of the Sixties- The continuing relevance of the cultural & political watershed*, ISBN-13: 978-1-84331-895-8, Anthem Press, UK, 2010. **(ISI Indexed)**
5. Riaz Ahmed Shaikh, The Military in Asian Context: Pakistani Military's Role in the Asian Context, in Giuseppe Caforio (ed), *Advances in Military Sociology: Essays in Honor of Charles C. Moskos*, ISBN: 978-1-84855-892-2, Emerald Group Publishing Limited, United Kingdom, 2009. **(ISI Indexed)**
6. Riaz Ahmed Shaikh, "Developing Extremist-Madrasah Education in Pakistan" in D.M.Nault (ed.), *Development in Asia- Interdisciplinary, Post-neoliberal, and Transnational Perspectives*, Brown Walker Press, ISBN-10: 1599424886 Boca Raton, USA, 2008.

Books

1. *Strangling the Liberty: Press in Distress in Pakistan*, Frontage Page Publications, ISBN: 978-93-81043-10-3, London / Kolkata, 2013
2. *Back from the Brink: India-Pakistan Ties Revisited*, Ushba Books Publication, ISSN: 978-969-9154-23-2, Karachi, 2012.
3. *Afghanistan: Great Game to New World Order*, ISSN: 978-969-593-008-3, Sanjh Publication, Lahore, Pakistan, 2010.
4. *Pakistan: Democracy and Military Dictatorship*, ISSN: 978-969-8957-79-7, Sanjh Publication, Lahore, Pakistan, 2010.

5. Hunger, Social Stratification and Concept of Development, Fiction House, Lahore, Pakistan, 2005.

Dr. Aamir Firoz Shamsi
Professor / Dean, Faculty of Management Science
SZABIST, Karachi

Academic Profile



Name: Prof. Dr. Aamir Firoz Shamsi

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Short Biography

Prof. Dr. Aamir Firoz Shamsi has been a seasonal academician, researcher, trainer and consultant. He did his PhD in Management Science from Hamdard University, Karachi. Before this he did MS from SZABIST and earned Gold Medal from University of Karachi. He is certified Lean Management Consultant from Consak Inc. Canada. He is HEC trained instructor and HEC Approved Supervisor. Dr. Shamsi has held key positions in different universities along with professional teaching; like Dean, HOD, Head of OAC (Online Academic Committee), Head of Research Center and so on. Dr. Shamsi has successfully supervised three PhDs and many MS/MPhil and MBA research projects. He has been associated with corporate trainings and researches since 1999 and has managed many corporate projects. Dr. Shamsi is referee of eight local and international peer reviewed journals. He has 35 publications on his credentials in both local and international journals.

Research Interests

Dr. Shamsi's fields of research are management, HRM, corporate performance management and Balanced Scorecard.

Completed and Ongoing Projects

- A competency based training for middle and lower middle employees of industry, titled, "Professional Development Program", Summer 2019 at SZABIST.
 - Training in Pakistan Custom House Training Center on "Motivation"
 - One training on "Communication and Managerial Soft Skills" at M/S Contact Plus.
 - Conducted several training sessions in the **Human Resource Department of PNS Rahnuma** on "Time Management, Leadership and Motivation, Change and Stress Management, and Process Management".
 - Conducted more than six trainings on women entrepreneurship form the platform of M/S ECDI.
 - Conducted two days training on change management at Hamdard Foundation, December 2008.
 - ISO certification for Mehran Tanker Company (MTC)
 - Prepared NOC application for IMIS.
 - Provided consultancy to a private group for establishing a training institute
 - Consultancy provided to Comecs and AMI, during their establishment phase.
 - Consultancy for data base management to improve the productivity of sales force of Biovista Pakistan (a pharmaceutical company).
 - Research for finding new business opportunities for M/S Sukkur Beverages Pvt. Ltd.
- Involved with Sharp Image in implementing, "Balanced Scorecard", a performance management tool for the 70-person organization

Selected Publications

1. Faraz, M., Shamsi, A. F., & Bashir, R. (2013). *Working off the Clock and Its Impact*. Journal of Business Ethics. <http://link.springer.com/article/10.1007%2Fs10551-013-1765-4> (ISI)
2. Muhammad, G., Shamsi, A. F., (2019). *A Valid and Reliable HR Audit Research Scale Development*, International Journal of Future Generation Communication and Networking, Vol. 12, No. 5, 2019, pp.25-34. (ESCI)
3. Khan, M., N., Shamsi, A., F., Azia, A., (2019). *Impact of Human Resources and Its Interventions on Competency Based Employee Performance in Pakistan*, International Journal of Future Generation Communication and Networking Vol. 12, No.5, 2019, pp.46-60. (ESCI)

4. Zia, M., Q., Naveed, M., Bashir, M., A., Shamsi, A., F., (2020). *The interaction of situational factors on individual factors and self-development*, European Journal of Training and Development, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/EJTD-10-2019-0172>. (ESCI)
5. Ahmed, A., Shamsi, A. F., & Aziz, M. (2020). *A Missing Link Between Job Autonomy and Unethical Behavior*, Etikonomi: Jurnal Ekonomi, 19(1), 95 – 118. <https://doi.org/10.15408/etk.v19i1.12391>. (ESCI)

Dr Muhammad Kashif
Head of Management Sciences
SZABIST Karachi

Academic Profile



Name: Dr Muhammad Kashif

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Short Biography

Dr Muhammad Kashif is an Associate professor and Head of Management Sciences department at SZABIST (Karachi). He holds a PhD in finance, MSc. financial economics both from the University of Glasgow, UK and MBA in Finance. During his stay at Adam Smith Business School, University of Glasgow, Dr Khashif served as a tutor at undergraduate and post-graduate levels for various courses including computational Finance, financial markets and asset pricing and financial engineering. He has previously held positions at the University of Baluchistan, and Muhammad Ali Jinnah University (Karachi). Dr Kashif has over fifteen years of experience in teaching and research at the university level. He has taught a variety of courses to the undergraduate, MBA and PhD levels including Empirical Asset Pricing, Financial Time Series, Business Forecasting, Financial Engineering and Portfolio Management. He has presented his research work at numerous national and international forums including the top-ranked universities, conferences, workshops and doctoral colloquium held at the University of Glasgow, University of Sterling, Bangor Business School, University of Bangor (Wales), University of Durham, University of Swansea (Wales), Scottish Doctoral Colloquium, Herriot-Watt University, Edinburgh, Research Development Event, Institute of Chartered Accountants of Scotland, Edinburgh. One of his research papers has been honoured as “Outstanding Research Award” in Las Vegas Global Conference on Business and Finance 2017. He has published extensively in the prestigious local and international academic journals including “Journal of Banking and Finance”. Dr Kashif is a member of various professional bodies like National Business Education Accreditation Council (NBEAC) and National Vocational and Technical Training Commission (NAVTCC). He is also a member of Academic councils of various universities. He also serves as a reviewer of the Journal of Banking and Finance and Journal of Managerial Finance. He is also serving as the editor of Journal of Independent Studies and Research-Management Sciences, Social Sciences and Economics (JISR-MSSE) which is a peer-reviewed journal listed in the Higher Education Commission of Pakistan (HEC) recognized journals list. Dr Kashif has participated in numerous conferences related to Higher education accreditation, attended/conducted several software training sessions and research-related programs organized by local and international institutions. He successfully organized and co-chaired SZABIST international conference (SIC 2020) in 2020 at Karachi, where around 200 multidisciplinary papers were presented from all over the country. He has the honour of evaluating several PhD dissertations in the area of Economics and Finance.

Research Interests

Dr Kashif's research interests lie in the areas of Asset Pricing, Portfolio Choice and Institutional Investors. He has conducted extensive time-series and cross-sectional studies to investigate the impact of firm-specific variables on the variation of stock returns. He has examined several anomalies including accruals, size, value, momentum, dividend yield, cash and non-cash operating profits, assets growth with a particular emphasis on coskewness, cokurtosis and downside risk and its asset pricing implications in the UK and Pakistan stock markets. His research work investigates the pricing of risk factors other than CAPM beta. He has evaluated the performance of anomaly-based investment strategies in the presence of Fama-French three and five factors and Carhart four Factors. His research focus over the years has been on empirical asset pricing and its relation to the macroeconomic variables, particularly the capital markets research. His recent work shows the variations in the stock markets returns due to financial constraints on the firms. He has also worked in the area of behavioural finance and has been working to estimate the novel methods of measuring herding behaviour in Pakistani stock market.

Completed and Ongoing Projects/PhD Supervision completed

Dr Kashif has submitted a proposal for constructing Financial data library (worth Rs.6, 000,000) to HEC for National Research Projects for Universities (NRPU) funding. This project is expected to improve the efficiency of stock markets and remove the mispricing of financial assets to facilitate the flow of local and foreign funds, necessary to accumulate the investment capital, by providing access to reliable and authentic financial data.

Dr Kashif has successfully supervised many Mphil and PhD students' projects in the area of finance and economics. The following is the list of students who have completed their Doctorate under his supervision:

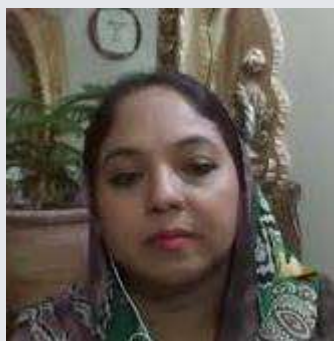
- Abdul Rahman (Assistant Professor, Institute of Business Management-IoBM). Topic: Exploring the Conditional Effects of Market Power, Capital Adequacy and the Disciplining Role of Charter Vale on Risk-Taking Behavior of Banks: The Case of Pakistan- Completed December 2019.
- Imran Omer Chappra (Assistant Professor SZABIST). Topic: Asymmetric Preferences in Asset→ Returns. - Completed December 2019.
- Muhammad Mehboob (Manager MCB). Topic: An assessment of the magnitude and co-relates of→ Poverty in Jhang District - Completed December 2019.

Selected Publications

1. Kostakis.A, Kashif, M and Siganos.A. (2011). Higher co-moments and asset pricing on the London Stock Exchange. *Journal of Banking and Finance*, 36: 913-922.
2. Rehman.M, Butt, Khwaja and Kashif.M. (2018). Analyzing the Link Between Accounting Sensitive Non-Debt Tax Shields and Investment Opportunity Set. *Public Finance Quarterly, State Audit Office of Hungary*, vol. 63(4):549-566.
3. Kashif, M, Saad, S., Chhapra.I, & Ahmed, F. (2018). An Empirical Evidence of Overreaction Hypothesis on Karachi Stock Exchange (KSE). *Asian Economic and Financial Review*, Vol. 8, (4): 449-465
4. Chhapra, I.U. & Kashif, M. (2019). Higher Co-Moments and Downside Beta in Asset Pricing. *Asian Academy of Management Journal of Accounting and Finance*. 15(1):129-155
5. Kashif.M, Shaikh.A & Rehman. M (2020) Are financial investors prone to exogenous (cricket) sentiments that affect equity investment decision and induces volatility in the stock market? *Estudios de Economia Aplicada* Vol 38(2), 1-13 155

Dr. Najmunnisa
Department of Education
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Academic Profile



Name:Dr.Najmunnisa

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Short Biography

Dr. Najmunnisa Khan has completed her PhD. from Iqra University and MPhil, from the same university. She has been rewarded Gold and Silver Medal in her B.Ed and M.Ed degree programs. Her education also includes a Masters in Economics from University of Karachi.. Currently She is current working for SZABIST as the Head of department for education where she is also supervising PhD and MS students. She is the member of many regulatory bodies at the university including Doctoral Committee, Board of Advance Studies and Research, Institutional Ethical Review Board. Etc. She is also associated with NACTE as an external evaluator. She has worked as an Assistant Professor at Federal Urdu University and Iqra University. She has been associated with Sindh education Foundation and USAID Professional Development Programs for School Teacher as a Research officer, Monitoring and Evaluation Officer, Module Developer, Master trainer and Program Manager. She was involved with Single Teacher Schools in United Education Initiative (UEI-ESRA) as Monitoring and Evaluation Officer. She has also worked with Beauru of Curriculum, PITE , Sindh Teacher Education Development Authority, Department of Education and Literacy Govt. of Sindh. In which she performed multiple roles as training consultant, Module Developer and Trainer of Trainer. She also worked in a a project of World Bank and developed teacher training manuals for newly inducted Head Teachers and also for SCHMEN, Iqra University, Sindh Teacher Education Development Authority, Department of Education and Literacy Govt. of Sindh : A project of World Bank. She has a number of publications on a range of topics related to education to her credit. She also has presented at numerous conferences and has conducted many successful workshops, seminars and research symposium.

She has strong educational background and possesses sound professional experiences of both the public as well as private sector.

Research Interests

1. Teaching and Learning Strategies/ Pedagogy and Andragogy
2. Curriculum Development
3. Assessment and Evaluation
4. Education Policy
5. Educational leadership

Completed and Ongoing Projects

- Worked as Consultant in Newly Inducted Head Teachers` Training Project in cooperation with **SZABIST School and College Directorate, Sindh Teacher Education Development Authority, Department of Education and Literacy Govt. of Sindh** : A project of **World Bank** and developed teacher training manuals for newly inducted Head Teachers.
- Working as curriculum consultant at “Rast Foundation” since 2012.
- Worked as Consultant in Newly Inducted Teachers` Training Project in cooperation with **SCHMEN, Iqra University, Sindh Teacher Education Development Authority, Department of Education and Literacy Govt. of Sindh** : A project of **World Bank**.
- Developed teacher training manuals for newly inducted High school teachers, Junior school teachers and primary School teachers in cooperation with **SCHMEN, Iqra University, Sindh Teacher Education Development Authority, Department of Education and Literacy Govt. of Sindh**: A project of **World Bank**
- Worked as Monitoring and Evaluation Associate in **UEI-ESRA** under **USAID** Professional Enhancement Program for Primary School Teachers and Administrators (PSTs/Admin) in District Sukkur from Sept.2004 to Sept.2006
- Worked as District Manager in **UEI-ESRA** under **USAID** Content Enhancement Program for Primary School Teachers (PSTs) in District Sukkur from Oct.2006 to May 2007
- Worked as Resource Person of Master Trainers of **USAID** Professional Development Program for Primary School Teacher in ESRA (Education sector Reform Assistance Program) Pakistan, in July 2004
- Worked as Program Coordinator Master Trainers` Training Program under **USAID** Professional Enhancement Program at Iqra University in August 2004
- Worked as Resource Person of Master Trainers of Professional Development Program for Single Teacher Schools in United Education Initiative (**UEI-ESRA**) in June 2004.

Selected Publications

1. Paper published in Journal of Education and Educational Development entitled with “Comparing Traditional Teaching Method and Experiential Teaching Method using Experimental Research” in Vol 5, No 2 (2018).
2. <http://journals.iobmresearch.com/index.php/JoEED/article/view/1816>

1. Paper published in Bulletin of Education and Research entitled with The Role of Cooperative Learning Method in Teaching of Science Subject at Elementary School Level: An Experimental Study . Vol 39 (2) in 2017. (<http://pu.edu.pk/home/journal/32/Previous-Issue.html>)
2. Paper published in Journal of Elementary Education entitled with Impact of Cooperative Learning Teaching Methods on 7th Grade Students` Academic Achievement: An Experimental Study (June Vol.25, No. 2 pp. 89-112 ([http://pu.edu.pk/images/journal/JEE/PDF-Files/6_Najmonnisa%2025\(II\).pdf](http://pu.edu.pk/images/journal/JEE/PDF-Files/6_Najmonnisa%2025(II).pdf)) in 2016

3. Paper published in Journal of Management Sciences (Vol. 2 (2), 2015) entitled with Impact of Role Model on Behavioral and Purchase Intentions among Youngsters: Empirical Evidence from Karachi, Pakistan.

4. Paper published in Journal of Education and Social Sciences (Vol. 2(1): 88-101, 2014) entitled with “Perspectives of Primary School Teachers Regarding the Effectiveness of Cooperative Learning: A Descriptive Study”. <https://geistscience.com/papers/view/JESS1402103>

Dr. Kashif Ali
Department of Bio Chemistry
SZABIST Karachi

Academic Profile



Name: Dr. Kashif Ali

Designation: Associate Professor & Head of Biosciences Department

Campus: Karachi Campus

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Short Biography

I was born and got my early education in Karachi and done my Bachelor's degree (B.Sc.) in Physiology, with Biochemistry and Microbiology and finish my Masters (M.Sc.) in Biotechnology in 2005. In 2006, I started working as Junior Research Fellow at H.E.J. Research Institute of Chemistry where I focused on the enhanced production of valuable plant secondary metabolites from the family *Euphorbiaceae* using cell suspension cultures in combination with chemical elicitors. In 2007, I got the Overseas Scholarship offered by Higher Education Commission of Pakistan for the Ph.D. studies at the Natural Product Laboratory, Leiden University, The Netherlands. I started my Ph.D. research on a project named Genomic Research Assisted breeding for Sustainable Production of quality grapes. In September 2011, I finished my PhD and went to Qiagen (Germany) on Marie Curie Secondment (FP7 program) for my first Postdoc to work on metabolomics standardization. Later, I joined Leiden University for my second Postdoc where my work was on marine metabolomics. After that, I went to University of Florida as a Postdoctoral Associate to work on Vitamin B6 Metabolism in Maize.

In 2013, I joined SZABIST-Karachi as an Assistant Professor at Biosciences Department. During my tenure here, I have worked as a Program Manager for BS-Biosciences, BS-Biotechnology, MS-Biosciences, and Master of Science in Public Health Programs, and for the last five and a half years, I am working as an Associate Professor and Head of Biosciences Department. I am also in-charge SZABIST's Center for Biosciences Research (SCBR) and also working on projects related to metabolic profiling of the various ornamental, fruit, and medicinal plants using NMR and other analytical platforms. So far, I have published more than 20 research articles in ISI indexed journals and contributed three book chapters in books published by international publishers.

Research Interests

- Metabolomics using NMR and MS-based platforms.
- Drug resistance in microbes.
- Plant tissue culture

Completed and Ongoing Projects

- Inducing antibiotics resistance in probiotics
- *In vitro* studies of *Moringa olifera* (Plant tissue culture and bio screening)
- Antimicrobial activity of probiotics against microbial pathogens
- Metabolic Differentiation of Methicillin Sensitive Staphylococcus Aureus (MSSA) Methicillin-Resistant Staphylococcus Aureus (MRSA)
- Biochemical Analysis and Activity Screening of Probiotics against Pathogens
- Efficacy of antibiotics with efflux pump blockers on multidrug resistance bacterial strains

Selected Publications

- Jahangir M, Mehmood Z, Saifullah, Bashir Q, Mehboob F, **Ali K**. 2016. Halal status of ingredients after physicochemical alteration (Istihalah). Trends in Food Science and Technology, 47, 78-81.
- **Ali K**, Iqbal M, Yuliana ND, Lee Y-J, Park S, Han S, Lee J-W, Lee H-S, Verpoorte R, Choi YH. 2013. Identification of bioactive metabolites against adenosine A1 receptor using NMR-based Metabolomics. Metabolomics, 9, 778-785.
- Hasnain G, Roje S, Frelin O, Ellens KW, **Ali K**, Guan J-C, Garrett TJ, de CrécyLagard V, Gregory III JF, McCarty DR, Hanson AD. 2013. Identification and Characterization of the Missing Pyrimidine Reductase in the Plant Riboflavin Biosynthesis Pathway. Plant Physiology, 161, 48-56.
- Fortes AM, Agudelo-Romero P, Silva MS, **Ali K**, Sousa L, Maltese F, Choi YH, Grimplet J, Martinez-Zapater JM, Verpoorte R, Pais MS. 2011. Transcript and metabolite analysis in Trincadeira cultivar reveals novel information regarding the dynamics of grape ripening. BMC Plant Biology, 11, 149.
- **Ali K**, Maltese F, Fortes AM, Pais MS, Choi YH, Verpoorte R. 2011. Pre-analytical method for NMR-based grape metabolic fingerprinting and chemometrics. Analytica Chimica Acta, 703, 179-186.

Dr. Imran Amin
Head Of Department Computer Science
SZABIST, Karachi

Academic Profile



Name: Imran Amin, Ph.D.

Designation: Professor/ HoD Computer Science

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Short Biography

Presently working as Professor, Head Of Department (Computer Sciences), PI for NCBC Smart Manufacturing Lab (HEC Grant) at SZABIST. Dr. Imran is HEC approved Ph.D Supervisor. Dr. Imran has a bachelor in Mechanical Engineering from NED University of Engg. & Technology, Karachi which he did in 2002. During his bachelor degree he served as Senior Design Engineer at Leading Manufacturing Industry (May 2001 – September 2002). After completing the Master's degree in Mechatronics Engineering from Loughborough University, United Kingdom. He started his Doctorate of Philosophy on double scholarship in Artificial Intelligence and IoT from Loughborough University, United Kingdom which lasted till march 2007. He started working as Design Engineer at US based firm General Kinematics Corporation where his job description was Designing, commissioning and testing of vibratory conveyers and other patented products. Later he joined SZABIST University as Assistant Professor in Computer Science Department where he taught various courses of post graduates and under graduates namely robotics, Mechatronic, Advanced Multimedia, Electronics, Digital Logic Design and Computer Architecture. Additionally he supervised numerous post graduate and under graduates research projects. He also served as the Head of Research – Centre for renewable Energy Research at SZABIST from 2009 onwards. Later in 2012 he was promoted as Associate Professor. During this tenure as the Research Head of CRER he had one patent of Solar PV Electric Furnace Design and researched on various designs and development on the concept of inline Farnell lens solar thermal plant, Solar Micro CSP plant for internal combustion engine and solar vacuum glass tube he also researched on wind related projects which includes designing and developing for manufacturing large scale wind turbines indigenously in Pakistan. He was promoted to the position of Professor which is his current position too he has been serving many important duties which includes HEC Research Grant Evaluator for Manufacturing, Mechanical, Machine learning, Internet of Things and Artificial Intelligence, TDF HEC Industrial Expert Evaluator, Program Evaluator for Pakistan Engineering council and also supervised several PhD and master's thesis. He has also been rewarded with several grants from HEC and ICTRnD in the area of smart manufacturing in Internet of Things and machine learning. He has also been an acting member of academic council, BASR, Doctoral Committee, Board of Governors of NAVTTC and Member FPCCI Steering Committees.

Research Interests)

Professor Amin has worked in the areas of Artificial Intelligence, Embedded Systems and Internet of Things with focus towards Manufacturing, Agriculture Technology based machinery, Health and Renewable Energy. His specialization is designing of various technologies with Artificial Intelligence and IoT Sensors. He has advised several industries in the Automotive and Manufacturing sector to enhance their efficiency and manufacturing processes.

Completed and Ongoing Projects

The following funded projects have been completed:

- i. PI of NCBC Grant of 88 Million in the Area of Smart Manufacturing. (ongoing project)
- ii. Imaging algorithm development for automated people monitoring in Masjid-UI-Haraam, Mecca using low resolution infrared imager and CCD visual camera for Umul-Qura University, Saudia Arabia. (Completed)
- iii. X-ray based machine vision system for computer assisted orthopedic surgery. (Completed)
- iv. Designed, Manufactured, and commissioned 1KW, 3KW and 6.25KW wind turbine at Gharo, Sindh, Pakistan. (Completed)
- v. Developed Standalone Battery less Solar PV systems on developing solar tube well for irrigation of 25 to 50 acre land. (Completed)
- vi. Investigated means of identify driver postures, movements and behaviours which indicate a high level of risk, particularly for older and impaired drivers. (Completed)
- vii. Designed and developed imaging algorithm for 3D surface generation of human body by projecting colored fringes for designing undergarments. (Completed)
- viii. Development of IoT based sensor for the Power Transmission Export Industry to increase efficiency.

Selected Publications

1. Imran Amin, M.atif, "5.10 Wireless Technologies in Energy Management", In book Comprehensive energy systems, vol 1. [Book ISBN: 9780128095973] [DOI: 10.1016/B978-0-12-809597-3.00524-1]
2. Mustafa Zaidi, Imran Amin, Nukman Yusoff, Ahmad Hussain, "Error Assessment of Laser cutting Predictions by Semi-Supervised Learning" Journal of Central South University - Central South University Press and Springer-Verlag Berlin Heidelberg 2013 (ISI Thompson Indexed)
<https://link.springer.com/article/10.1007/s11771-014-2357-x> [DOI: 10.1007/s11771-014-2357-x].
3. ZU Khan, MS Askari, AH Khan, I Amin, NA Khan, "An Innovative Approach for Generating 1 MW of Electricity through Setting up of Micro Hydel Power Plants at Hub Dam, Karachi, Pakistan ", Journal of American Science 2013 9 (10) (ISI Thompson Indexed-Impact Factor: 13)
http://www.jofamericanscience.org/journals/am-sci/am0910/029_20578am0910_227_233.pdf [DOI: 10.7537/marsjas091013.29]
4. ZaibUllah Khan, Naseem Khan and I. Amin, " Design and Development of Low Scale, High Temperature, Hybrid Furnace for the Extraction of Metallurgical Grade Silicon from Raw Mineral Quartz", Life Sciences 2013 (10) 2 (ISI Thompson Indexed-Impact Factor: 0.165)
http://www.lifesciencesite.com/ljsj/life1002/057_B00398life1002_375_383.pdf
[DOI:10.7537/marsljsj100213.57]

5. S. Rajper and I. Amin, "Optimization of wind turbine micrositeing: A comparative study."Renewable and Sustainable Energy Reviews. Pages 5485-549, 2012 (ISI Thompson IndexedImpact Factor: 6.577) [DOI: 10.1016/j.rser.2012.06.014]

Dr. Faraz Junejo
Head of Mechatronics
SZABIST Karachi

Academic Profile



Name: Dr. Faraz Junejo

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Short Biography

Dr. Faraz Junejo is currently working as HoD (Mechatronics) at SZABIST, Karachi. After completing his BE (Mechanical) degree from NED UET, Karachi he worked as design engineer at Amin Mechanical Industries, Karachi. He then completed his MSc and PhD studies in Mechatronics Engineering from Loughborough University, UK. He joined SZABIST in 2010, since then he has overseen establishment of Mechatronics Department at SZABIST, Karachi. His research interest includes, robotics/industrial automation, machine vision, artificial intelligence and renewable energy. He is an active member of HEC's National Curriculum Revision Committees (NCRC) for Mechatronics Engineering and Mechanical Engineering respectively. He is on PEC's Program Evaluator (PEV) panel for conduction of accreditation related visits. Currently, he is engaged as Co-PI on Smart Manufacturing project, which aims to achieve Manufacturing Automation and Condition Monitoring of Industrial Production to achieve increased productivity.

Research Interests

- i. Robotics/Industrial automation,
- ii. Machine vision,
- iii. Engineering Mechanics,
- iv. Artificial intelligence and
- v. Renewable energy.

Completed and Ongoing Projects

1. Robotic Assisted Orthopedic Surgery
2. Automated People Counting
3. Condition monitoring of Grinding Operation using Sensor Fusion
4. Renewable Energy
5. Smart Manufacturing

Selected Publications

1. **Junejo, F**, Bouazza-Marouf, K., Kerr, D., Taylor, A.J. and Taylor, G.J., "X-ray-based machine vision system for distal locking of intramedullary nails", Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 221(4), 2007, 365-374, ISSN: 09544119
2. Amin, I. J., Taylor, A. J., **Junejo, F.**, Al-Habaibeh, A. and Parkin, R. M., "Automated people counting by using low-resolution infrared and visual cameras", Journal of the International Measurement Confederation, Volume 41, Issue 6, July 2008, Pages 589-599, ISSN: 02632241
3. **F Junejo**, I Amin, M Hassan, A Ahmed & S Hameed, "The Application of Artificial Intelligence In Grinding Operation Using Sensor Fusion", International Journal of GEOMATE, Vol. 12, Issue 30, Feb 2017, pp:11 - 18, ISSN: 2186-2990.
4. **F Junejo**, M. Atif, S Hameed, "5.19 Ocean Energy Management", In book titled Comprehensive energy systems, pp:778 - 807, 1st Edition by Elsevier [Book ISBN: 9780128095973] [DOI: 10.1016/B978-0-12-809597-3.00539-3], Jan 2018.
5. S Hameed, S M Taha Saquib, Moez Ul Hassan, **F Junejo** "Radio Frequency Identification (RFID) Based Attendance & Assessment System with Wireless Database Records ELSEVIER Procedia - Social and Behavioral Sciences (195) 2015, pp: 2889-2895, June 2015)

Dr. Ghazala Rahman Rafiq
Director Sindh Abhyas Academy
SZABIST Karachi

Academic Profile



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Short Biography

Ghazala Rahman Rafiq is the founding director of the Sindh Abhyas Academy (SZABIST) that conducts research, publications, and courses in Sindh Studies since 2012. She has a Bachelor of Science (Honors) Degree in Microbiology from the University of Karachi and a Master's and Ph.D., in Education Leadership and Organization from the University of California, (second emphasis in Applied Linguistics). Her dissertation was on Language Policy in Education in Sindh 1947-2010. She has taught in the Teacher Education Program at the University of California for 5 years. She is also a founding mother of the Women's Action Forum. She has over 14 years of experience in Southern Sindh's public and non- governmental school systems located in Karachi's inner city areas and coastal villages. Her interests include Cultural Perspectives, Sindhi and English literature, particularly that related to the poetry of mysticism. Her recent focus is on the influence of Sindh's collective philosophy and psychology as positive contributing factors and practices in support of the non violent, inclusive, and plural ethos that has always prevailed in Sindh. She is a member of the Institute of World Culture.

Research Interests

1. Religion, Spirituality, and Mysticism in Sindh, Panjab, the subcontinent, and the world.
2. High Quality Translation between Sindhi Literature and English literature that captures the nuances within languages particularly in the area of mystical poetry and biographies.
3. Meaningful Education modules for students of all ages that focuses on developing critical thinking skills and creative abilities. (Curriculum Development).
4. Teacher Training possibilities to achieve above goals.
5. The scope of Sindh Studies in empowering students to effectively serve humanity.

Completed and Ongoing Projects

1. Completed: Language Policy in Education in Sindh from 1947 to 2010.
2. Completed: Design and Testing of a 16 week Sindh Studies Course for undergraduate.
3. Completed: Design and Testing of a 1 week Seminar Series on Sindh Studies for the General Public and Graduate Students.
4. Completed: Design and Testing of a 16 week Sindhi Language course for adult learners.
5. Completed: Design and Testing of a 16 week Latif Studies course for adult learners.
6. Completed: Sindh Abhyas Academy Research International Journal.
7. Completed: Research on Sassui's route from Bhanbhore to Kech Makran.

Selected Publications

1. "Language Policy in Education in Sindh 1947-2010" [ProQuest (2010)]
2. "Education the Uprooted: Education, Language, and Politics in Sindh: 1947-2007" [Published Proceedings of 2nd Shaikh Ayaz International Conference on Language and Literature Nov. 7-10 2008(2011)]
3. "Sindh Studies: An Experiment in Peaceful Plurality" ["The Bulletin" The Magazine of The Association of Commonwealth Universities (Bulletin 194 August 2018)]
4. "Shah Latif's Sassui: The Geography and Poetry of her Path from Bhanbhore in Sindh to Kech in Baluchistan." (2019)

Dr Jawaid A. Qureshi

Secretary Board of Advanced Studies & Research (BASR)

SZABIST Karachi

Academic Profile



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Short Biography

Dr Qureshi serve as an associate professor at SZABIST Karachi; he is also secretary Board of Advanced Studies & Research (BASR); head of marketing cluster and previously marketing and entrepreneurship cluster; head of Research Center for Entrepreneurial Development & Advancement (R-CEDA); and member of various boards and statutory bodies at SZABIST. He is a HEC-approved PhD supervisor. He earned his **PhD** in Management Science from SZABIST Pakistan-UAE, (dissertation assessed from AKU, Lancashire & Roehampton universities of *London, UK*); Post-Doc level fellowships, Fellow: IBA-CED, Queen Margaret University, UK, HEA UK; and has post-graduations (via post-doctoral online concentration courses) from MIT, Harvard, and Stanford Universities, USA. He has enjoyed working with M-SME to corporate sectors, commercial and industrial, public and private sectors, profit and non-profit, and national to transnational companies and has experience of strategies, policies, and operations' design to execution and evaluation.

Dr Qureshi is on HEC expert committees for evaluation of research/R&D projects, NBEAC reviewer-ship, and previously on curriculum review too. He is on the boards of various organizations including corporate firms, public sector organizations, chamber of commerce, NGOs, universities, and various national and international research journals (including some Emerald Publishing journals and Harvard Business Review's advisory council). He is a member of various forums of: *MIT USA, Entrepreneurs Education Forum (EEF), MIT-Global Entrepreneurs Community (GCE), Sloan Management Review Community (SMRC), Embark Program Stanford University, American Marketing Association (AMA), Elsevier Researcher Academy Netherlands, Academy of Management USA* (in process), and *Marketing Association of Pakistan (MAP) and Management Association of Pakistan (MAP)* through SZABIST

Research Interests

Marketing; Technology Innovation and Entrepreneurship; & International Business Strategy (strategy and policy at national level too and for any sector including public sector and social enterprises)

Researched and published papers and case studies on individual brands, companies, entire industries or sectors, single country to regions, and global level studies; has interests in qualitative, quantitative, and mixed methods research with focus on single to multidisciplinary and transdisciplinary research .

Completed and Ongoing Projects

Conducted voluntary research consultancy on behalf of few chapters of chamber of commerce and Federation of Pakistan Chamber of Commerce and Industry (FPCCI)

Contributed in developing **small and medium enterprises (SME) policy** to Small & Medium Enterprise Development Authority – SMEDA and Ministry of Industries and Production (2018); **microfinance policy** to Pakistan Microfinance Network along with all the pertinent stakeholders including State Bank of Pakistan (2018); special economic zones, **exports strategies and policies, and trade policy** to Trade Development Authority of Pakistan (TDAP) and ministry of commerce (2014); **monetary policy and fiscal policy** (including preparing **shadow budget**) to ministry of finance (2018), **Vision Pakistan 2025** to ministry of planning, development and reforms (2016); and **Vision Balochistan 2025** to Balochistan Government (2016); Policy proposals in 2019: **industrial policy** for (ministry of industries & production); **quality standards, export competitiveness, branding Pakistan, and the challenges** (for World Bank Group [WB, IFC, & MIGA]); **Pakistan-Turkey Free Trade Agreement (FTA), industrial policy, and investment policy** (for ministry of commerce and prime minister office); **globally competitive products of Pakistan** (for ministry of science and technology and prime minister office); **ease of doing business** (for chairman senate and prime minister office); **Pakistan National Quality Policy (PNQP)** (for ministry of science and technology)

National Research Proposals for Universities (NRPU) of HEC – Status: Just Applied

Selected Publications

Ahmed, R. R., Qureshi, J. A., Streimikene, D., Vveinhardt, J. & Soomro, R. H. (2020). Guerrilla Marketing Trends for Sustainable Solutions: Evidence from SEM-based Multivariate and Conditional Processes Approaches. Journal of Business Economics and Management. Indexed in Web of Science, SSCI.

Padela, S. M. F., Qureshi, J. A., & Memon, S. (2019). Applying Marketing Conventions on Pharmaceutical Generics: An Analysis of Starpram Brand from Maple Pharmaceuticals. Emerald Emerging Markets Case Studies, 9(4). DOI: <https://doi.org/10.1108/EEMCS-11-2019-0294>. Indexed in Scopus

Khalid, M. U., & Qureshi, J. A. (2020). The strategic role of public policies in technological innovation in Pakistan and lessons learnt from advanced countries: A comparative literature review. The Journal of Organizational Behavior Research 5(1), 212-232. Indexed in Web of Science, ESCI List

Memon, S. B., Qureshi, J. A., & Jokhio, I. (2020). Culture and Cultural Barriers in Knowledge Sharing and Transfer in Pakistani Banks. *Global Business and Organizational Excellence*, 39(3), 1-10. Indexed in Scopus.

Qureshi, M. A., Qureshi, J. A., Ahmed, A., Qaiser, S., Ali, R., & Sharif, A. (2020). The dynamic relationship between technology innovation and human development in technologically advanced countries: Fresh insights from Quantile-on-Quantile Approach. *Social Indicators Research*, Springer. Indexed in Web of Science, SSCI List; accepted to be published in June 2020 issue.

Dr. Shehla Najib Sidiki
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SZABIST Karachi

Academic Profile



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Short Biography

Dr. Shehla Najib Sidiki works as an Assistant Professor, Department of Management Sciences and Program Manager B.A Business Studies (external program with Coventry University) and B.S. Entrepreneurship at SZABIST. She has served as Vice Chief Election Commissioner for student body elections and is also a senior member of the SZABIST Convocation committee and Chairperson of Anti-Harassment Committee since 19th October 2015. She has completed her PhD in Crisis Management with a focus on managing crises at Higher Education Institutes by looking at them from the Leadership and Organizational Learning Perspective. She has strong work ethics and is an expert in instigating appropriate mannerism in a working environment. Her satisfaction comes from seeing students develop from their initial immature naïve self to well groomed, ready to combat the world types. Her area of expertise lies in the area of Business Research Methods where she has been supervising students at both undergrad and graduate level. She is a great believer of living life fully.

Research Interests

Crisis Management: CM is the identification of threats to an organization and its stakeholders and the methods used by the organization to deal with these threats. Due to the unpredictability of global events, organizations must be able to cope with the potential for drastic changes in the way they conduct business. Crisis Management often requires decisions to be made within a short time frame and often after an event has already taken place.

Crisis Leadership: There are actions a leader can take before, during and after a crisis to effectively reduce the duration and impact of extremely difficult situations. Effective crisis leadership is comprised of three things; communication, clarity of vision and values and caring relationships. Leaders who develop, pay attention to and

practice these qualities go a long way toward handling the human dimension of a crisis. In the end it's all about people.

Organizational Learning: It is a process by which an organization improves itself overtime through gaining experience and using that experience to create knowledge. The created knowledge is transferred within the organization. Organizational learning is important for all companies as the creation, retention and transfer of knowledge within the organization will strengthen the organization as a whole.

Emotional Intelligence: Also known as Emotional Quotient is the ability to understand, use and manage your own emotions in positive ways to relieve stress, communicate effectively, empathize with others, overcome challenges and defuse conflict. Emotional intelligence helps you build stronger relationships, succeed at school and work, and achieve your career and personal goals. It can also help you to connect with your feelings, turn intention into action and make informed decisions about what matters to you most.

Completed and Ongoing Projects

None.

Selected Publications

1. CPEC: Threat or Opportunity Protecting Local Industry through Infant Industry Theory Framework published in 2019 in Asian Social Science and Education.
2. Student Protests in Universities: Exploring the Model for Crisis Management, Crisis Leadership and Organizational Learning, published in 2018 in ILMA journal.
3. Challenges and Strategies in a Crisis', A case-study of a private educational institute in Karachi, published in 2014, in the journal of Developing Social Studies.
4. "Crises in Public Primary Education School in district South, Karachi." A paper presented in the International Conference at SZABIST held in December 2013.

Dr. Kamran Ahmed Soomro
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Academic Profile



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Short Biography

Dr. Kamran Ahmed Soomro is PhD in Management Sciences from Huazhong University of Science & Technology, Wuhan, China. He is currently working at SZABIST Karachi as Assistant Professor in Faculty of Management Sciences. He is head of Management Cluster. His research interest is in the areas of Leadership, Motivation, Strategy, Management, and Youth Activism. Dr. Kamran has published his research work in local and international peer-reviewed and impact factor journals. He is on reviewers' panel and editorial board of some national research journals as well, including Journal of Quantitative Methods by UMT Lahore, JISR-MSS by SZABIST, New Horizons, and Journal of Business Studies by Greenwich University. He has also conducted motivational training programs and workshops nationally and internationally.

Research Interests

Management, Leadership, Strategy, Research Methods.

Completed and Ongoing Projects

N/A

Selected Publications

1. Perceived Determinants and Barriers of Recruitment Process Outsourcing in Service Sector of Pakistan- A Qualitative Approach. International Journal of Applied Management Science. (2020)
(SCOPUS Elsevier)
2. Impact of Perceived Authentic Leadership on Employees' Positive Emotions during Organizational Change, Journal of Organizational Behavior Research, 4(1). (2019)
(An ESCI indexed journal, listed in master list of Clarivate Analytics)
3. The ABCE Model of Volunteer Motivation. Journal of Social Service Research, 43(5), 593-608. (2017)
(An ISI Indexed Journal).
4. Employees' Perceived Effectiveness of Change Management Practices in a Telecom Company of Pakistan, International Journal of Applied Management Science (SCOPUS Elsevier). (Under Review)

Dr. Sahar Awan
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Academic Profile



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Short Biography

Dr. Sahar Awan has an undergraduate degree in Economics and an MBA in General Management from LUMS. She completed her PhD in Management (summa cum laude) from ESADE Business School in Barcelona, Spain. Prior to joining academia she has worked in investment banking as well as equity sales.

Research Interests

Her broad area of research is individual level attitudes, motivations and behavior. Specifically, she works in the domain of public personnel management with an interest in behavioral public administration.

Completed and Ongoing Projects

Currently she is finalizing a meta-regression analysis with her co-authors on the individual and organizational impacts of Public Service Motivation.
An upcoming research project is looking into the antecedents of Stress and Burnout in public sector employees.

Selected Publications

Ngoye, B., Sierra, V., Ysa, T., & Awan, S. (2019). Priming in Behavioral Public Administration: Methodological and Practical Considerations for Research and Scholarship. *International Public Management Journal*.

Dr. Hameed Akhtar
Department of Management Sciences
SZABIST Karachi

Academic Profile



Name: Dr. Hameed Akhtar

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Short Biography

Dr. Hameed Akhtar has been associated with SZABIST Karachi as Assistant Professor and Head HR Cluster since 2 years and has served in different institutions as well. Having Doctorate degree in HRM from Wuhan university of Technology, China has expertise in Human Capital Management, Behavioral HRM, Strategic HRM, Strategy management and Strategic Human Resource development. He has also worked as Educational management consultant in Government of Sindh and USA funded educational projects. Dr. Hameed is active researcher and conference panelist in the areas of HRM and human capital management.

Research Interests

- Strategic Human Resource Management and Development (SHRD)
- Work life balance & Green HR, Employee Engagement, Work place happiness
- Employee Burnout, Job Satisfaction and Emotional intelligence
- Human Resources Management, HR environment dynamics
- Human capital of Pakistan, China and United States of America
- Analyzing barriers in Human capital development in Pakistan
- Innovation and Human Resources Management and Creative organizational culture
- Human capital development issues in 21st century with context of Pakistan

Completed and Ongoing Projects

Selected Publications

1. **SANJRANI HAMEED AKHTAR, HOU RENYONG (2014),** "Assessment of Human Resource Management Environment in. China: Past, Present and Future" European Journal of Business and Management, ISSN 2222-1905 (Paper) ISSN 2222-2839 Vol.6, No.36, 2014. (Online)
2. **SANJRANI HAMEED ET; HOU RENYONG; ET AL (2015),** Understanding the Dynamics of Human Capital Development in Pakistan: A Socio Economic Obstacle Frame work, Journal of Poverty, Investment and Development, www.iiste.org ISSN 2422-846X, An International Peer-reviewed Journal Vol.13, 2015.
3. **SANJRANI HAMEED AKHTAR, HOU RENYONG, ANTONIO GONCALVES DE ANDRADE (2015),** "Human capital investments nexus with economic growth in Pakistan: a theoretical and empirical analysis" AMSE2015 conference proceedings Thailand, 2015.
4. **SANJRANI HAMEED AKHTAR, HOU RENYONG (2015),** "Innovation through channels of human resources management: Designing of Creative Organizational Culture" 12th Proceedings of ICIM2015, Wuhan University of Technology Wuhan.
5. **ASADULLAH KHASKHELI, YUN JUN, HAMEED AKHTAR SANJRANI,** "Role of E-commerce in Export Development for SMEs in Developing countries "European Journal of Business and Management, ISSN 2222-1905 (Paper) ISSN 2222-2839 (Online) Vol.8, No.21, 2016.

Dr. Syed Hasnain Alam Kazmi
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Academic Profile



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Short Biography

- Web of Science ResearcherID \square B-2380-2012
- ORCID 0000-0002-5008-7365

Doctor of Philosophy (Ph.D.) in Branding and Sales Strategies for Cross Culture Diversity.

Specialization area in Branding, Cross Culture, Consumer Psychology & Sales promotion Strategies.

Faculty of Management Sciences at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST)

Co-Cluster Head: Marketing Department

MBA Research: Manager

Member: Board of Studies, Research Cluster, Corporate Advisory Board & Ethical Review Board
Supervisor for MBA, MS & Ph.D. students.

To date 24 National and International Publications.

Honors and Awards

Research Grant from National Natural Science Foundation of China (71572156).

Outstanding Student of the Academic Year (2014-2015) award from Southwest Jiaotong University

Session Chair, Co-Session Chair and External Evaluator: (2016-2019)

- SZABIST
- Bahria University
- KASBIT
- Mohammad Ali Jinnah University
- IOBM
- PAF-KIET

Faculty Training Program conducted (June 2018) for DHA Suffa University

Reviewer of SSCI/SCI/ESCI Journals since 2015 - Present

Participant at:

China International Technology Transfer Center (CITTC)

3rd China International High-Tech & Science Expo (Mianyang Innovation Center)

National Advisory & Review Board member of Market Forces (Journal)

Corporate Working Experience at:

Inbox Business Technologies

The Financial Daily &

Vision Vantage Consulting.

Research Interests

Focus in the areas of;

Consumer Psychological Branding,

Sales Strategies,

Neuro-marketing

Cross-Culture

Human Computer Interaction

Virtual Reality & Augmented Reality in Business.

Completed and Ongoing Projects

Completed project for National Natural Science Foundation of China (Grant Number 71572156).

Selected Publications

- Testing and incorporating additional determinants of ethics in counterfeiting luxury research according to the theory of planned behavior (WEB OF SCIENCE-Indexed)
- Impact of Cloud Services to the Economic Growth (WEB OF SCIENCE-Indexed)
- Horizons of Neuro marketing in Consumer Behavior (WEB OF SCIENCE-Indexed)
- Online Purchase Intentions in E-Commerce (WEB OF SCIENCE-Indexed)
- Effects of Hedonism and Utilitarianism in Advertising in E-Business Equity (WEB OF SCIENCE-Indexed)

Dr. Imran Omer
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SZABIST Karachi

Academic Profile



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Short Biography

Dr. Imran Omer is a young, highly motivated and results-driven individual having Ph.D. (Finance) in the area of Asset Pricing and Portfolio Management. He has over 8 years of experience in corporate and banking sector along with more than 8 years of teaching's experience. He is double Gold Medalist consecutively in MBA (Finance) and MS (Finance) with Chancellor Cap of Honor award. He is well versed in dealing computer software including research (SPSS, E-Views, STATA & EndNotes), statistical and accounting software.

He has 28 peer-reviewed research publications (with 142 citations as of January 2020) in HEC recognized national and highly reputable international (Thomson Reuters, SCOPUS, ABDC & ERA etc.) research journals to his credit and has presented his research work at various highly reputed research conferences both locally and internationally. He has also supervised various research projects/independent research studies at MBA & MS level and has worked as Journal's editor of HEC recognized reputed university. He is able to work independently; can handle complex assignments with efficiency. His research interests is in the area of Asset Pricing, Financial Markets, Investment Strategies and Portfolio Analysis & Management.

Research Interests

Research interests is in the area of Asset Pricing, Financial Markets, Investment Strategies and Portfolio Analysis & Management.

Completed and Ongoing Projects

N/A

Selected Publications

- **Chhapra, I.U.** and Kashif, M. (2019). Higher Co-Moments and Downside Beta in Asset Pricing. *Asian Academy of Management Journal of Accounting and Finance*.
- Sarwat, Kashif, **Chhapra, I.U.** and Godil (2019). Analysis of Size Portfolios and Risk Factor Loadings of Asset Pricing Models–Threshold Regression Approach. *Academy of Accounting and Financial Studies Journal*, 23(1), 1-14.
- Kashif, M., Saad, S., **Chhapra, I.U.** and Ahmed, F. (2018). An Empirical Evidence of Overreaction Hypothesis on Karachi Stock Exchange (KSE). *Asian Economic and Financial Review*, 8(4), 449-465.
- Rehman, S., **Chhapra, I.U.**, Kashif, M. and Rehan, R. (2018). Are Stock Prices a Random Walk? An Empirical Evidence of Asian Stock Markets. *Etikonomi*, 17(2), 237-252.
- **Chhapra, I.U.**, Rehan, R. and Patoli, A.Q. (2017). Dynamic Relationship between Energy Consumption and Economic Growth: Time Series Analysis from Pakistan & India. *The Journal of Managerial Sciences*, 11(3), 73-90.

Dr. Saqlain Raza
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Academic Profile



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Short Biography

Dr. Saqlain Raza is an Assistant Professor of Entrepreneurship Management at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) Karachi. He received a PhD from Universiti Utara Malaysia (AACSB & AMBA), with best thesis nomination. His additional qualifications include teaching and administrative experience (Cluster Head- Entrepreneurship), excellent communication and research skills.

Research Interests

His research interests focus on entrepreneurial competencies, entrepreneurship education, digital social innovation and firm dynamic capabilities. He publishes research articles in internationally recognized journals and regularly participates in academic events. He has earned HEC approved supervisor status. He is also Associate Editor of the Journal of Entrepreneurship Education (Scopus-Q2)

Completed and Ongoing Projects

AS Research Assistant at School of Business Management, Universiti Utara Malaysia (November-2015 to September-2018) assisted in following research projects.

(Research area/topics)

- Socio-cultural characteristics and marketing orientations of SMEs in Malaysia.
- Examination on the perception of SMEs on the Govt. business support system service in Malaysia.
- Investigating the presence of MFIs mission drift in ASEAN countries and the mission for sustainable microfinance institutions in Malaysia.

Selected Publications

1. Abbas, J., Raza, S., Nurunnabi, M., Minai, M. S., & Bano, S. (2019). The Impact of Entrepreneurial Business Networks on Firms' Performance Through a Mediating Role of Dynamic Capabilities. *Sustainability*, 11(11), 3006. **SSCI, JCR & Scopus Q2**
2. Ismail, A.I., Majid, A.H.A., Musibau., H.O. & Raza, S. (2019). Employee Creativity: A Mechanism for Closing Research Lacunas in the High Performance Work System (HPWS)-Firm Non-Financial Performance Nexus: *International Journal of Innovation Management*, 2050052. **ESCI, ABDC, ABS & Scopus Q2**
3. Abrar ul Haq, M., Akram, F., Ashiq, U., & Raza, S. (2019). The employment paradox to improve women's empowerment in Pakistan. *Cogent Social Sciences*, 1707005. **ESCI & Scopus**
4. Raza, S., Minai, M. S., Ul-haq, M. A., Ismail, A.I. & Zain A.Y.M. (2018). Entrepreneurial Network Towards Small Firm Performance Through Dynamic Capabilities: The Conceptual Perspective. *Academy of Entrepreneurship Journal*. 24(4).1-9. **ABDC & Scopus Q3**
5. Raza, S., Minai, M. S., Zain, A. Y.M., Tariq, T.A. & Khuwaja, F.M. (2018). Dissection of Small Businesses in Pakistan: Issues and Directions. *International Journal of Entrepreneurship*. 22(4).1-13. **ABDC & Scopus Q3**

Dr. Muhammad Aqil
Department of Management Sciences
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Academic Profile



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Short Biography

Dr. Muhammad Aqil is working as Assistant Professor at SZABIST, Management Science Department. He is also the Program Manager of MS/PhD and EMBA Programs in Management Science. He has a vast teaching experience of more than 22 years. He did his PhD from Harvard University in Economics and his Master is in Finance. He is a member of Tier-3 Quality Control Committee at DHA Suffa University and a member of Review Panel of Journal of Independent Study and Research-Management, Social Sciences and Economics (JISR-MSSE). He is also the secretary of Departmental Ethical Review Committee and a member of various statutory bodies including BOS, BOF, IERB, Doctoral Committee, BASR, CAB and Plagiarism Standing Committee. Dr. Aqil has a diversified experience of writing research articles in Economics, Finance and Social Sciences.

Research Interests

Developmental Economics
Corporate Finance

Completed and Ongoing Projects

N/A

Selected Publications

1. *Factors Influencing the Profitability of Heavy Vehicle Industry: A Case of Pakistan*, MONTENEGRIN JOURNAL OF ECONOMICS. 1800-584. March 2019, Vol 15 pp 61-72. Print edition ISSN 1800-5845 Web edition ISSN 1800- 6698. **(ESCI and Scopus)** DOI: 10.14254/1800-5845/2019.15-1.5
2. Horizons of Neuromarketing in Consumer Behavior, *European Online Journal of Natural and Social Sciences*, 2019. Vol 8, No 3(s) pp 99-107. ISSN 1805-3602 (Indexed in Web of Science Master Journal List)
3. *Determinants of Causality in the Prices of Crude Oil*, International Journal of Energy Economics and Policy, 2019. Vol 9. No.4. pp 298-304. **(Scopus Q1)**. ISSN: 2146-4553. <https://doi.org/10.32479/ijeep.7724>
4. *Impact of Perceived Authentic Leadership on Employees' Positive Emotions during Organizational Change*, Journal of Organizational Behavior Research. 2019. Vol 4 (1). pp 186-198. ISSN: 2528-9705. **(ESCI)**

Dr. Noman Soomro

Department of Management Sciences

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Academic Profile



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Short Biography

Dr. Noman Soomro completed his Ph.D. with a specialization in Human Resource Management from SZABIST-Karachi. He remained associated with the leading organizations of Pakistan and gained rich experience in strategic planning, human resource management and organizational competencies. His keen interests are human resource management, strategic human resource management, change management, and organizational performance.

Research Interests

Strategic Human Resource Management
Human Resource Management
Strategic Management

Completed and Ongoing Projects

Selected Publications

Measuring SHRM Vertical and Horizontal Fit: Scale Development and Validation. Published in Abasyn Journal of Social Sciences, Volume-11, Number 01, (June 2018 Issue). Abasyn Journal of Social Sciences is HEC recognized X category research journal.

Interview with Mukesh Kumar, Provincial Chief-Sindh, Small and Medium Enterprises Development Authority, Pakistan. Published in South Asian Journal of Human Resources Management. Sage Publishers.

Dr. Mustansar Hayat
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Academic Profile



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Short Biography

I got my PhD in Finance from Dongbei University of Finance & Economics, China. My research focus during the PhD was in the domains of capital structure and corporate governance; leverage and ownership structure to be specific. Before that I did my MBA in Financial Management from Bahauddin Zakariya University, Multan, Pakistan. I also have one-year corporate experience in accounting and finance. Currently, along with the faculty position at SZABIST, I am also serving as a reviewer in Sage Open and as a Member of Editorial Advisory Board at the University of Sindh Journal of Finance, Economics and Management Sciences. My research focus these days is in emerging economies and energy financing.

Research Interests

- Corporate governance
- Capital structure
- Energy financing
- Green financing

Completed and Ongoing Projects

Selected Publications

- Determinants of Corporate Cash Holdings in Tranquil and Turbulent Period: Evidence from an Emerging Economy (*Financial Innovation*, Vol.5, No.3, 2019) (SSCI).
- Impact of Managerial and Institutional Ownership on Capital Structure: A Comparison Between China & USA (*European Journal of Business and Management*, Vol.10, No.24, 2018).
- Impact of FDI on Economy: A Comparative Study of China and Latvia (*Journal of Economics and Sustainable Development*, Vol.9, No.16, 2018).
- The Impact of Ownership Structure on Corporate Debt Financing: Evidence from the Manufacturing Sector of Pakistan (*International Journal of Management Theory and Practices*, Vol. 17, 2016).

Dr. Salman Ahmed Shaikh
Department of Management Sciences
SZABIST Karachi

Academic Profile



Name: Dr. Salman Ahmed Shaikh

Designation: Assistant Professor, SZABIST Karachi

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Short Biography

Assistant Professor of Financial Economics at SZABIST Karachi and heads Finance Faculty Cluster. He holds PhD Economics from National University of Malaysia. He also did Masters in Economics from Institute of Business Administration, Karachi. In corporate career, he has worked for Meezan Bank, BMC Pakistan, Bankers' Academy, USA, ABN AMRO Bank and Citi Bank during 2008-12. In academic career, he has also taught at Institute of Business Administration (IBA) Karachi during 2012-15. He has published several papers in Scopus and ESCI indexed journals as well as chapters in books published by Web of Science publishers including Routledge, Springer, Palgrave, Edward Elgar and Gower Publishing. He has presented in international conferences in Turkey, Malaysia, Brunei, Indonesia and Pakistan. He was recipient of 2 Emerald Highly Commended Paper Awards in 2018. He also won paper prize in World Islamic Finance Forum 2018. He has also worked as Editor for the 2019 Global Islamic Finance Report for Cambridge IFA. He is Editorial Advisory Board Member of Emerald IJIMEFM (Indexed in SSCI). In consultancy career, he has worked as Research Consultant for Asian Development Bank, Banker's Academy USA, United States Institute of Peace, Edbiz Consulting UK, Center for Business and Economics Research, IBA and Trainer for Jusli Ventures, Malaysia and Coca Cola Pakistan. His new textbook on Islamic Banking and Finance with Prof. Dr. Kabir Hassan of University of New South Orleans, USA is going to be published by World Scientific Publishing Company in 2020. In 2019, his jointly edited book on 'Taxation for Islamic Finance Instruments' was published by Universiti Kebangsaan Malaysia Press.

Research Interests

- ❖ Investment and Portfolio Management
- ❖ Security Analysis and Asset Pricing
- ❖ Development and Social Finance
- ❖ Microfinance
- ❖ Islamic Banking and Finance

Completed and Ongoing Projects

- Leading Knowledge, Attitude and Practices (KAP) Survey for Asian Development Bank (2019-20).
- Facilitated Workshop as Expert Organized by European Union and E&Y (2019).
- Led Training in Industrial Clusters Workshop at MUET Jamshoro (2018 and 2019).
- Led 2-Day Intensive Workshop in Stress Testing in Islamic Banking in Malaysia (2017).
- Worked as a Research Assistant on Halal Industry Project at UKM, Malaysia (2015-16).
- Worked as a Research Assistant on Social Finance Project at UKM, Malaysia (2016).
- Worked as Research Associate on USA funded project on Pak Afghan Trade at IBA (2014).
- Led Corporate Training Sessions at Coca Cola KUDOS – 2014.

Selected Publications

1. Cross Section of Stock Returns on Shari'ah Compliant Stocks: Evidence from Pakistan. Published in Emerald International Journal of Islamic and Middle Eastern Finance and Management in 2019. (SSCI Indexed)
2. Comparative Analysis of Shari'ah Compliant Portfolios: Evidence from Pakistan. Published in Emerald Journal of Islamic Accounting and Business Research in 2019. (ESCI Indexed)
3. Intertemporal Consumption Behaviour in OIC Countries. Published in International Journal of Islamic and Middle Eastern Finance and Management in 2018. (SSCI Indexed)
4. Towards an Integrative Framework for Understanding Muslim Consumption Behaviour. Published in Emerald Humanomics in 2018. (ESCI Indexed)
5. Poverty Alleviation through Financing Microenterprises with Equity Finance. Published in Emerald Journal of Islamic Accounting and Business Research in 2017. (ESCI Indexed)

Dr. Muhammad Saeed Shahbaz
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Academic Profile



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Short Biography

Dr. Muhammad Saeed Shahbaz is an Assistant Professor in Shaheed Zulfikar Ali Bhutto Institute of Science and Technology since August 2019. He received his Ph.D. degree from Universiti Tun Hussein Onn Malaysia in Supply Chain Risk Management in 2019 with Gold Medal in research contribution. During his PhD he received various research and industrial grants. From 2012 to 2016, he was attached with the Department of Commerce, Superior Group Lahore, Pakistan, where he was an Assistant Professor. He used to teach Business Management related subjects. Additionally, during his tenure, he had participated in various academics and non-academics activities. He has also been served in various management committees. From 2010 to 2012, he was with the Department of Business Administration, Government Degree College Lahore, Pakistan, as a Lecturer. He completed his Master in Business Administration from the Institute of Management Science (Pak-AIMS), Pakistan.

Research Interests

His area of research are supply chain management, risk management, production and operation management. He has more than twenty (20) research articles published in reputable international indexed journals. Additionally, he has co-authored in seven (7) research articles in the area of production and operation management. Moreover, he is serving as editor and reviewer of various reputed journals. He is also honored to be invited as the guest speaker, trainer and research evaluator by various universities and academic bodies nationally and internationally.

Completed and Ongoing Projects

1. A grant of 45000 Rm was received from Ministry of Education Malaysia for the project title “The Role of Risks, Collaboration and Performance in the Supply Chain of Manufacturing Firms of Malaysia”. Project completed.
2. A grant of 1580 Rm was received from Research Management Centre, University Tun Hussein Onn Malaysia for the project title “A Novel Classification of Supply Chain Risks: Scale Development and Validation”. Project completed.
3. A grant of 2600 Rm was received by Office of Research, Innovation and Commercialization, University Tun Hussein Onn Malaysia for the project title “The Impact of Supply Chain Collaboration on Operational performance: Empirical Evidence from Manufacturing of Malaysia”. Project completed.
4. A grant of 2480 Rm was received by Registrar Office, University Tun Hussein Onn Malaysia for the project title “Identification, Assessment, and Mitigation of Environment Side Risks for Malaysian Manufacturing”. Project completed.
5. A grant of 800 Rm was received from Centre of Graduate Studies, University Tun Hussein Onn Malaysia for the Project title “A novel topology of supply chain risks”. Project completed.
6. A grant of 1200 Rm was received from Fundamental Research Grant Scheme, Ministry of Education Malaysia for the project title “Toward a Streamlined digital Supply Chain for Oil and Gas Industry”. Project completed.

Selected Publications

1. Shahbaz, M. S., Rasi, R. Z., Zulfakar, M. H., Ahmad, M. F. Bin, & Asad, M. M. (2018). Theoretical Framework Development for Supply Chain Risk Management for Malaysian Manufacturing. *International Journal of Supply Chain Management*, 7(6), 325–338.
2. Shahbaz, M. S., Rasi, R. Z. R., & Ahmad, M. F. Bin. (2019). A Novel Classification of Supply Chain Risks: Scale Development and Validation. *Journal of Industrial Engineering and Management*, 12(1), 201–218. <https://doi.org/http://dx.doi.org/10.3926/jiem.2792>
3. Shahbaz, M. S., Rasi, R. Z. R., Ahmad, M. F. Bin, & Rakiman, U. S. Bin. (2019). The Impact of Supply Chain Collaboration on Operational performance: Empirical Evidence from Manufacturing of Malaysia. *Religacion. Journal of Social Sciences and Humanities*, 4(17), 59–73.
4. Shahbaz, M. S., Chandio, A. F., Oad, M., Ahmed, A., & Ullah, R. (2018). Stakeholders' Management Approaches in Construction Supply Chain: a New Perspective of Stakeholder's Theory. *International Journal of Sustainable Construction Engineering & Technology*, 9(2), 16–26.
5. Shahbaz, M. S., Othman, B. A., Salman, P. M., Danish, A. M., & Rasi, R. Z. R. M. (2019). A proposed conceptual action plan for identification, assessment and mitigation of supply chain risks. *International Journal of Advanced Operations Management*.

Dr. Sarah Wali Qazi
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SZABIST Karachi

Academic Profile



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Short Biography

Sarah Wali Qazi, PhD, is Assistant Professor of Faculty of Management Sciences at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology- SZABIST, Karachi, Pakistan. She has over eight years of experience in the field of management sciences and expert in Qualitative research. She is serving as reviewer of different peer-reviewed international and HEC recognized research journals. Her several research papers have been published in the reputable national and international journals. She is also the consultant to microfinance institutions and provide trainings too. Her fields of interest are women entrepreneurship, women empowerment, microcredit, corporate social responsibility, green philosophies, sustainability, human resource and gender equality. She has attended national and international conferences and privileged to be invited as the guest speaker, trainer and research evaluator in numerous universities, radio stations and academic bodies.

Research Interests

- Gender Studies
- General Management
- Qualitative Studies, Phenomenological Studies

Completed and Ongoing Projects

Selected Publications

1. Hussain, S., Qazi, S., Ahmed, R. R., Vveinhardt, J., & Streimikiene, D. (2019). Innovative user engagement and playfulness on adoption intentions of technological products: evidence from SEM-based multivariate approach. *Economic Research-Ekonomska Istraživanja*, 32(1), 555-577. **(Impact Factor Journal)**
2. Samo, A. H., Qazi, S. W., & Buriro, W. M. (2018). Labelling them is negating them: A phenomenological study of stereotypes and followers' experiences about women leadership in Pakistan. *Management Research Review.(Emerald)***(ESCI)**
3. Qazi, S. W., & Khushk, H. A. (2019). Fueling Women Empowerment?: A Phenomenological Study of Women Experiences with Micro-Credit and Status of Branch-less Banking in Pakistan. *International Journal of E-Business Research (IJEER)*, 15(1), 75-88. **(ESCI)**
4. Qazi, S.W., Rashidi, M.Z. (2018), Nurturing Women Empowerment? An Exploratory Study of the linkages between Women, Micro entrepreneurship and Access to Microcredit, *Journal of Management Sciences*, Vol. 5(2) pp. 3-21.
5. Qazi, S.W., Rashidi, M.Z. (2018), Phenomenological Experiences and Perception of Women through Microcredit Programs: Steps towards the Empowerment, *NICE Research Journal of Social Science*. ISSN: 2219-4282, Vol. 11(2) pp. 200-222.

Dr. Muhammad Bilal Siddiqui

Department of Bio Chemistry

SZABIST Karachi

Academic Profile



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Short Biography

I am a MBBS Medical doctor with Master of Science in Public Health degree from United Kingdom. Currently pursuing full time PhD in Public Health in Maternal & Child Health Epidemiology from Malaysia. I have almost 5.5 years of Pakistan based teaching experience in Public Health across different HEC recognized universities. Additionally, I have 05 years of administrative experience in Public Health as Project Director in different Public Health projects. Moreover, I have eight published papers with 11 citations as of January 2020. I am also a peer reviewer in different international journals.

[My complete LinkedIn Profile](https://www.linkedin.com/in/MBSL/) (https://www.linkedin.com/in/MBSL/)

[My ResearcherID Profile](https://publons.com/researcher/1166375/bilal/) (https://publons.com/researcher/1166375/bilal/)

[My Researchgate Profile](https://www.researchgate.net/profile/Muhammad_Siddiqui14) (https://www.researchgate.net/profile/Muhammad_Siddiqui14)

[My Google Scholar Profile](https://scholar.google.com.pk/citations?user=iDhIV_QAAAAJ&hl=en) (https://scholar.google.com.pk/citations?user=iDhIV_QAAAAJ&hl=en)

Research Interests

Maternal & child health, Epidemiology, nutrition, Social determinants of Health, Health policy, health system research, Big data on maternal and child health domain.

Completed and Ongoing Projects

Completed projects: 1. Health Care in Danger, 2. Karachi VASA child mortality inquiry.

Selected Publications

I have total eight publications. The five of them are below:

1. Schools as potential vaccination venue for vaccines outside regular EPI schedule: results from a school census in Pakistan.
2. A Verbal/Social Autopsy (VASA) child mortality inquiry to investigate under-five mortality determinants in slums of Karachi, Pakistan: A Mix Methods Interventional Study

3. Prevalence and characteristics of stress among bereaved parents after the death of their under-five children in the urban slums of Karachi, Pakistan
4. Methodologies of Verbal autopsy and Social autopsy tools, adopted by VASA studies in exploring under-five mortality determinants
5. Challenges and acceptance of the use of computer-assisted personal interviews technology for verbal autopsy/social autopsy child mortality survey in urban slums of Karachi, Pakistan

Dr. Hammad Afzal Kayani

Department of Bio Sciences

SZABIST Karachi

Academic Profile



Name: Dr. HAMMAD AFZAL KAYANI

Designation: ASSISTANT PROFESSOR

Campus: KARACHI

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Short Biography

Dr. Hammad Afzal Kayani has completed his PhD degree in Biotechnology from university of Karachi, in 2015 through a “HEC Indigenous Scholarship Program”. The title of his research was ‘Biotransformation of terpenes using medicinal Labiates and fusion effect on the products’. His area of expertise is plant tissue culture, natural product chemistry, biotransformation, transgenics, protoplast isolation and fusion. Dr. Hammad has published 9 research papers in the field of Biotechnology.

Research Interests

Plant cell and tissue culture, natural product chemistry, biocatalysis, transgenics, protoplast isolation and fusion

Completed and Ongoing Projects

Selected Publications

- ❖ **Kayani**, H.A., Raziq, M., Naz, S., Kazmi, S.K., and Khan, S. 2019. Efficient one-step tissue culture protocol for propagation of *Ocimum sanctum* using nodal segments as explants. *Pakistan Journal of Scientific and Industrial Research*. 63(2)
- ❖ Aqeel, R., Zehra, M., Kazmi, S. K., Khan, S., **Kayani**, H. A., and Mirbahar, A. A. 2016. A study on the isolation of protoplasts from the mesophyll cells of *Dendrobium* Queen Pink. *Pakistan Journal of Botany* 48(2): 693-697
- ❖ Kazmi, S. K., Khan, S., Mirbahar, A. A., and **Kayani**, H. A. 2015. Comparative protein production profiling of (*Citrus reticulata* blanco.) among tissue culture stages by Sodium Dodecyl Sulphate Polyacrylamide Gel Electrophoresis (SDS-PAGE). *The Natural Products Journal*. 5(3):186-190
- ❖ **Kayani**, H. A., Khan, S., Naz, S., and Choudhary, M. I. 2013. Micropropagation of *Agastache anisata* using nodal segments as explants and cytotoxic activity of its methanolic extracts. *Pakistan Journal of Botany*, 45(6): 2105-2109
- ❖ Zafar, S., Yousuf, S., **Kayani**, H. A., Saifullah, S., Khan, S., Al-Majid, A. M., and Choudhary, M. I. 2012. Biotransformation of oral contraceptive ethynodiol diacetate with microbial and plant cell cultures. *Chemistry Central Journal*, 6(1): 1-8

Dr. Jaishri Mehraj
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Academic Profile



Name: Dr. Jaishri Mehraj

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Short Biography

I am serving as a faculty for Master of Public Health (MPH) program at SZABIST since July 2016. I teach Epidemiology, Infectious Diseases, Basic Epidemiology and Biostatistics and Applied Epidemiology and Biostatistics courses to MPH students. During my attachment with MPH program I supervised seven students for their MS theses who have received their MPH degree from SZABIST and eight MPH students are conducting their research projects under my supervision.

I received my PhD in Epidemiology with a focus on Infectious Diseases from Hanover Medical School (MHH), Hanover, Germany in 2015 and I was also a recipient of DAAD doctoral fellowship. Before PhD, I completed my MSc in Epidemiology and Biostatistics in 2009 from the Aga Khan University (AKU), Karachi, Pakistan.

I have more than 12 years' experience of teaching and research in the field of Epidemiology and Public Health. I got an opportunity to work in international institutions like Robert Koch Institute, Helmholtz Center for Infection Research & Hannover Biomedical Research School, Germany. I have been also engaged in teaching and research at Aga Khan University, Karachi, Pakistan. My research work has produced more than 15 research papers which are published in reputed international journals and two book chapters. I have presented my scientific work in international conferences such as ESCAIDE in Stockholm, Sweden and DGEPI Regensburg, Germany. Besides teaching and research, I have also served as a public health professional for international organizations such as World Health Organization (WHO) and CDC.

I am passionate to work for an advancement of community health through uplifting public health practice and capacity building of public health professionals.

Research Interests

My research interests include: Epidemiology and Infectious Diseases, Antimicrobial Resistance, Hospital Acquired Infections, Vaccine Preventable Diseases, Immunization and Vaccination.

Completed and Ongoing Projects

Immunization Status of Children and Women in Sindh, Pakistan.

Awareness of Human Immunodeficiency Virus / Acquired Immune Deficiency Syndrome (HIV/AIDS) in Karachi, Sindh, Pakistan

Epidemiology of Methicillin-Resistant *Staphylococcus aureus* Nasal Carriage in adult Population of Northern Germany.

Household based survey of Methicillin-Resistant *Staphylococcus aureus* Nasal Carriage in families in Northern Germany.

Occurrence of eye infections in early neonatal period in Karachi, Pakistan.

Selected Publications

My publications of note include:

1. **Mehraj J**, Witte W, Akmatov MK, Layer F, Werner G, Krause G (2016) "Epidemiology of Staphylococcus aureus nasal carriage patterns in the community" Book Chapter in Book: Current Topics in Microbiology and Immunology Volume How to Overcome the Antibiotic Crisis: Facts, Challenges, Technologies and Future Perspectives. Curr Top Microbiol Immunol. 2016 Jul 2. DOI: 10.1007/82_2016_497.
2. Cuny C, Arnold P, Hermes J, Eckmanns T, **Mehraj J**, Schoenfelder S, Ziebuhr W, Zhao Q, Wang Y, Feßler AT, Krause G, Schwarz S, Witte W (2016) Occurrence of cfr-mediated multiresistance in staphylococci from veal calves and pigs, from humans at the corresponding farms, and from veterinarians and their family members. Vet Microbiol. pii: S0378-1135(16)30076-1. doi: 10.1016/j.vetmic.2016.04.002.
3. **Mehraj J**, Akmatov MK, Strömpl J, Gatzemeier A, Layer F, Werner G, Pieper DH, Medina E, Witte W, Pessler F, Krause G (2014) Methicillin-Sensitive and Methicillin-Resistant Staphylococcus aureus Nasal Carriage in a Random Sample of Non-Hospitalized Adult Population in Northern Germany. PLoS One 9 (9): e107937.
4. Akmatov MK*, **Mehraj J***, Gatzemeier A, Strömpl J, Witte W, Krause G, Pessler F (2014) Serial home-based self-collection of anterior nasal swabs to detect Staphylococcus aureus carriage in a randomized population-based study in Germany. Int J Infect Dis 25: 4-10. (*equal contribution)
5. Irfan S, Turton JF, **Mehraj J**, Siddiqui SZ, Haider S, Zafar A, Memon B, Afzal O, Hasan R (2011) Molecular and epidemiological characterization of clinical isolates of carbapenem-resistant Acinetobacter baumannii from public and private sector intensive care units in Karachi, Pakistan. J Hosp Infect 78 (2):143-148.

Dr. Saiqa Tabassum
Department of Bio Sciences
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Academic Profile



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Short Biography

I am Saiqa Tabassum, born in Karachi on 27th March 1989 and raised in Karachi. I have three siblings (two brothers and one sister), and all of us are very much fortunate enough to have access to education. My initial schooling is from Pakistan Navy Primary School Sabir SRE, matriculation from Pakistan Navy's Girls Secondary School Sabir SRE (secured second position in PNET) and have done my intermediate from Bahria College NORE-I Karachi. Later, I continued my education by getting enrolled in BS Biochemistry at Department of Biochemistry, University of Karachi and this journey ended up at PhD in Biochemistry with specialization in Neurochemistry, Biochemical Neuropharmacology and Clinical Biochemistry. Along with studies, I have participated in various co-curricular activities like debates, essay-writing, drawing, sports competitions and event management activities. During my stay at Karachi University, I was not only the class representative from BS to MPhil but also the member of Organizing committee of Biochemistry Department and have organized all types of events whether it is a funfair, Milad, Jashan-e-Azadi, picnic, seminar, workshop or symposium. Additionally, I have also done diplomas in Education, Leadership and Management and Project Management from Pakistan Institute of Management. Professionally, I have Almost 7-year teaching experience at undergraduate and graduate level in multiple sectors; degree college, medical college and University and at Liaquat College of Medicine and Dentistry I have received 3 best teacher awards from 2014-16. Along with teaching, I have 9 years of research experience with 48 research publications, 1 MS thesis. Further, I am also listed as Productive Scientist of Pakistan in PCST list since 2012 and have scientific profile of Impact Factor 65.902(Cumulative), 1.938 (Average) and h-index=12. Moreover, I am HEC approved PhD Supervisor and currently supervising 3 PhD and 3 MS Students in the field of Neurochemistry, Biochemical Neuropharmacology and Clinical Biochemistry.

Research Interests (Specify your research domains briefly)

Biochemistry, Biochemical Neuropharmacology, Cognitive, Affective and Behavioral Neuroscience, Nutritional Neuroscience, Neurochemistry, Clinical Biochemistry, Biochemical Nutrition, Behavioral Pharmacology

Completed and Ongoing Projects

S#	PROJECT	TITLE OF PROJECT	STUDENT NAME	STATUS	Year
1.	HEC-NRPU	Protective Effect of Avocado in Combating Age-related and Alzheimer's disease Associated Neurodegeneration and Neurobehavioral and Neurochemical Disturbances in Rats: A Green Therapeutic Approach	PI: Dr.Saiqa Tabassum Co-PIs: Dr. Saida Haider; Dr. Saara Ahmad	Applied	2020
2.	BS-FYP	Comparative analysis of MSG and L-Glutamate on neurological performance in rats	Hafsa Yousafzai, Tooba, Aqsa	In-Progress	2020
3.	BS-FYP	Determination of S100B and GFAP proteins as potential biomarkers in epilepsy patients	Hafsa Faruqui; Kashia Asif; Zunaira Badar	In-Progress	2019-20
4.	BS-FYP	Correlation of copper and ceruloplasmin with TSH and oxidative stress in thyroid disorder patients	Maryam Akram, Alishan, Rimsha Zahir	In-Progress	2019-20
5.	MS-Thesis	Role of Susceptible gene TSHR in the pathogenesis of Thyroid Disorders	Tasneem Murtaza Saria	In-Progress	2019-20
6.	BS-FYP	Comparative Effects of <i>Persea americana</i> (Seeds and Pulp) on D-Galactose Induced Aging in Albino Rats	Prashant Tikmani, Madiha Sheikh, Sameen Fatima	Completed	2019
7.	MS-Thesis	Effect of Buspirone on Nicotine-induced Addiction and Reinforcement and Associated oxidative and Neurochemical Deficits in Rats	Salvia Sajid	Completed	2018-19
8.	MS-IRS: I & II	Effect of Choline on Cold Stress Induced Neurobehavioral, Biochemical and neurochemical Deficits in Rats	Zainab Baig	Completed	2018-19

Selected Publications

1. Tabassum, S., Ahmad, S., Madiha, S. et al. (2020). Free L-glutamate-induced modulation in oxidative and neurochemical profile contributes to enhancement in locomotor and memory performance in male rats. Sci Rep 10, 11206 (2020). <https://doi.org/10.1038/s41598-020-68041-y>
2. Haider S, Tabassum S, (2018). Impact of 1-Day and 4-Day MWM Training Techniques on Oxidative and Neurochemical Profile in Rat Brain: A Comparative Study on Learning and Memory Functions. Neurobiology of Learning and Memory, 155: 390-402.

3. Tabassum S, Haider S. (2018). Extensive but not Limited Repeated Trials in Passive Avoidance Task Induce Stress-like Symptoms and Affect Memory Function in Rats. *Neuroscience*, 371, 495-505.
4. Tabassum S, Haider S, Ahmad S, Madiha S, Parveen T. (2017). Chronic choline supplementation improves cognitive and motor performance via modulating oxidative and neurochemical status in rats. *Pharmacology Biochemistry and Behavior*, 159, 90-99.
5. Haider, S., Tabassum, S. and Perveen, T. (2016). Scopolamine-induced greater alterations in neurochemical profile and increased oxidative stress demonstrated a better model of dementia: A comparative study. *Brain Research Bulletin*, 127, 234-247.

Dr. Saira Yahya
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Academic Profile



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Short Biography

I am a PhD in Microbiology with almost 10 years of Research and 3.5 years of teaching experience in different HEC recognized universities. Moreover, I have four published papers with 7 citations as of January 2020.

Research Interests

Microbiology, Molecular Biology, Enzymology (kinetics and Thermodynamics), Immunology, Biostatistics (including DoE), Bioinformatics, Renewable energy

Completed and Ongoing Projects

Completed Projects:

- 1- Association of Dietary Habits and Life Style Behaviors with Risk of Cardiovascular Diseases
- 2- Prevalence and Antibiotic Sensitivity Pattern of Bacterial Pathogens in Intensive Care Unit of a Tertiary Care Hospital
- 3- Biotransformation of pharmaceuticals for cost-effective wastewater treatment
- 4- Yeast as biocontrol agent against common food pathogens

Ongoing Projects:

- 1- Utilization of yeast for bioplastic production
- 2- Role of toll-like receptor-2 polymorphism in susceptibility to diabetes mellitus 2 in Pakistani population

Selected Publications

- **Yahya, S.**, Jahangir, S., Shaukat, S.S., Sohail, M., and Khan, S.A. (2016). Production optimization using PlackettBurman design and partial characterization of amylase from *Aspergillus tubingensis* SY 1. *Pakistan Journal of Botany*, 48(6), 2557-2561. (IF-0.8)
- **Yahya, S.**, Kazmi, S.U. (2017). Anti-campylobacter activity of extracts of *Daphne mucronata* and *Symplocos racemosa* against avian isolates. *National Journal of Health Sciences*, 2(1), 14-19.
- Abbas, T., Liaquat, F., **Yahya, S.**, Tasleem, F., Azhar, I. and Mehmood, Z.A. (2017). Potential of Red sandalwood (*Adenanthera pavonina* L.) as an antibacterial agent against clinical isolates. *National Journal of Health Sciences*, 2(2), 61-66.
- Iqbal, M., Ahmad, A., Fatima, G., Ahmed, E., Khan, S.A., **Yahya, S.**, Muhammad, F. and Mirza, S. (2017). Antibacterial Potentials of Human Urine at Acidic pH 5. *Journal of Rawalpindi Medical College*, 21(3), 293-297.

Dr. Adeel Ansari
Department of Computer Sciences
SZABIST Karachi

Academic Profile



Name: Dr. Adeel Ansari

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Short Biography

Dr. Adeel Ansari is the Program Manager of PhD Computing Program, Editor of the Journal of Independent Studies and Research – Computing (JISR-C)/ Assistant Professor at SZABIST, Karachi Campus. He completed his PhD in Information Technology from University Technology PETRONAS, Malaysia in 2016 and is an approved HEC supervisor as well. He has previously done his MS in Software Engineering and MBA-MIS from Pakistan and has done his BSc (Hons) in Computing from United Kingdom and has 15 publications and four book chapters in the field of algorithms and software engineering.

Research Interests

Research interests are in:

1. Signal Processing
2. Statistical Algorithms
3. Software and Web Development/ Engineering
4. Information Systems
5. Artificial Neural Networks (ANN)

Completed and Ongoing Projects

Ongoing Projects: none.

Completed Projects: Electromagnetic Sea Bed Logging (EMSBL) Project

Selected Publications

Total number of Publications: 15

Book chapters: 3

Conference Proceedings: 6

Five publications are listed below:

1. Capability Maturity Model Integration within the Admission Processes of Academic Institutions in Pakistan", Journal of Independent Studies and Research-Computing (JISR-C), 2019, (published in HEC recognized Y Category Journal)
2. Performance Analysis of MultiACK-SFAMA for Underwater Acoustic Networks, Springer US, Wireless Personal Communications 2018, Impact Factor 1.200, Print ISSN 0929-6212, DOI <https://doi.org/10.1007/s11277-019-06325-x>, published on 30th April, 2019.
3. Skin depth verification of the electromagnetic waves for hydrocarbon detection, International Journal of Applied Electromagnetics and Mechanics, pg 1-16, Impact Factor 0.804, December 31, 2018.
4. Filtration of Airwave in Seabed Logging Using Principal Component Analysis, Communications in Computer and Information Science Volume 414, 2014, pp 56-64, Springer International Publishing, September 11, 2014.
5. Infomax Algorithm for Filtering Airwaves in the field of Seabed Logging, Research Journal of Applied Sciences, Engineering and Technology, Maxwell Publications, April 2014, Indexed by Scopus and ISI Thomson & Reuters. ISSN: 2040-7467.

Dr. Husnain Mansoor Ali
Department of Computer Sciences
SZABIST Karachi

Academic Profile



Name: Dr. Husnain Mansoor Ali

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Short Biography

Dr. Husnain Mansoor Ali earned his PhD. in Networks and Telecommunication in 2010 from University Paris Sud-XI, France. Currently he is working as Associate Professor at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Karachi. He has around 10 years diversified teaching and research experience. His areas of research interests are wireless communication, network security, routing protocols, optimization algorithms and mobility management in mobile ad hoc networks.

Research Interests

Mobile Ad hoc Networks
Routing Protocols
Optimization Algorithms

Completed and Ongoing Projects

- **UAV Communication Networks**

Using OLSR, to improve power and routing efficiency in UAVCN

- **Channel Assignment Strategies**

Worked on the comparison of different channel assignment algorithms using Matlab and NS-3 that can be used with routing protocols of ad-hoc networks. The idea is to use multiple network interface cards simultaneously on different channels to improve network throughput.

- **R2M : Réseau Mesh et Mobilité (Mesh Networks and Mobility)**

As a project at IEF, I worked with "Siemens", "Luceor" and "ENST Paris" in analyzing Mesh networks to

be used as a solution for providing connectivity and Internet access in metro trains.

Selected Publications

- [1] Swarm of Unmanned Aerial Vehicles Communication Using 802.11g and 802.11n, IJCSNS International Journal of Computer Science and Network Security, VOL.19 No.4, April 2019.
- [2] A Study of Mobility Models for UAV Communication Networks. 3C Tecnología. Glosas de innovación aplicadas a la pyme. Special Issue, May 2019, pp. 276–297.
- [3] Performance Evaluation of TDRP and EDRP for Voice and Video Services in MANET, published in Sindh Univ. Res. Jour. (Sci. Ser.) Vol. 47 (3) 509-514 (2015).
- [4] Usefulness of collision warning inter-vehicular system. International Journal of Vehicle Safety 2010 - Vol. 5, No.1 pp. 60 - 74.
- [5] Signal Strength Based Link Sensing for Mobile Ad-Hoc Networks, appeared in Springer Telecommunication Systems, Volume 42, Issue-3, 2009.

Dr.Erum
Department of Social Sciences
SZABIST Karachi



Name:Dr.Erum

Designation: Assistant Professor

Campus:100

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Short Biography

Dr. Erum is a Clinical psychologist with 10+ years of professional experience in Counseling, Psychotherapy, Psychological Assessment, Supervision, Researches and Training. Highly determined to work for a cause to implement knowledge and bring positive change in the society with reference to healthy mind.

Dr. Erum holds following degrees & certifications:

- **PhD in clinical psychology**
- **Post Magisteral Diploma in Clinical Psychology**
- **MA Clinical Psychology**
- **International certificate in common Co-occurring Mental and Medical Disorder for Addiction Professionals (UTC-3)**

These degrees & certifications not only equip her with power of knowledge but also empower her to understand the human side of work, elevate their being & transform them to give results.

With Szabist, as an Assistant Professor she is providing her expertise in teaching in order to develop professionals to perform better. Her humility, careful listening, interactive teaching and deep respect for the unique nature of each person, culture, and business context makes her most effective.

She is a change agent who meticulously prepares for her programs and ensures that she improves on her content every time. As a passionate learner, she has conducted several researches on emotions and professional development issues with her current efforts directed towards her own book.

Worked with...

Psychosocial Centre, Hilal-e-Ahmer, Karachi, Pakistan.

Institute of Business Management, Karachi, Pakistan

Aga Khan Health Service, Karachi, Pakistan.

Member of:

- Pakistan Association of Mental Health
- Pakistan Association of Clinical Psychologist

Research Interests

- Positive psychology
- Organizational Psychology
- Clinical Psychology
- Educational Psycholog

Completed and Ongoing Projects

NA

Selected Publications

- Moosa, E., & Munaf, S. (2015). Coping Strategies of Psychiatric Patients: A Comparative Study. Behavioral, Cognitive and Psychological Journal of Behavioural Sciences, Institute of Applied Psychology, University of Punjab, Lahore, Pakistan.
- Moosa, E., & Munaf, S. (2012). Emotion and Problem Focused Coping Strategies: A Comparative Study of Psychiatric Patients and Normal Adults. Behavioral, Cognitive and Psychological Sciences III, International Proceedings of Economics Development and Research, Thailand.
- Hassan,S., Moosa, E., Parveen, N. (2012). Females Perception of Workplace Sexual Harassment Experience and its Relation with Job Satisfaction. In S. Munaf (Ed.). Pakistani Women: Psychological and Social Issues- Selected Research Papers.
- Shaheen, A., & Moosa, E. Marital satisfaction as a Predictor of Mental health in Pakistani Working and Non-working Women (In Submission)
- Javed, R., & Moosa,E. Gender role expectations: Understanding the stress and coping strategies of men (In Submission)

Dr. Mehak Ejaz
Department of Social Sciences
SZABIST Karachi

Academic Profile



Name: Dr. Mehak Ejaz

Designation: Assistant Professor

Campus:100

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Short Biography

Done (PhD Economics from University of Sheffield UK (2015), M.Phil Economics from Lahore School of Economics (2010), MA Economics from University of the Punjab (2004) **Research experience** (Economist at Social Policy and Development Centre (SPDC) 2009-11, Research Fellow at Lahore School of Economics (LSE) 2007-09, Research Associate at LSE (2006-07) and Research Assistant at the University of Punjab (2004-06) and **Teaching experience** (University of Karachi as adjunct faculty (2009-11), University of Sheffield (2011-2015), Assistant Professor, Social Sciences Department at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology- SZABIST, Karachi (2016 to-date). My areas of expertise are Economics, Labour Economics and Gender Studies. I have been serving in the academic and research institutions (National and International, Private and Public) for the last fifteen years to-date. I have authored and co-authored several research papers published in the journals of international repute. My fields of interest are Economics, Micro-Econometrics, female labor force participation, wage-gap and women's empowerment. Development Economics ; poverty, inequality, education, health etc.

Research Interests

Economics (Labor Economics and Gender Studies that specifically includes Women's labor force participation, Wage-gap, Women's Empowerment and application of Micro-Econometrics, **Development Economics**(Sustainable Development Goals such as poverty, inequality, Gender, Education and Health)

Completed and Ongoing Projects

I have never applied for a funded project. However, I am supervising BS, MS and PhD Economics thesis/Dissertations on a regular basis. Currently, I am supervising two PhD Dissertations, two MS and nine BS Thesis.

Selected Publications

- 1) Ejaz, M. & Hyder, K. (2019). Application of Fan Chart Approach to Debt Sustainability Analysis in Pakistan. *The Lahore Journal of Economics*, Forthcoming .
- 2) Ejaz, M. & Hyder, K. (2017). Are Some Groups More Vulnerable to Business Cycle Shocks than Others? A Regional Analysis of Pakistan's Labor Market. *The Lahore Journal of Economics*, 22(SE), 199–231.
- 3) Hussain, M. & Ejaz, M. (2017). Structural Gravity Model and Globalization: An Empirical Analysis between Bangladesh, China, India and Pakistan. *Journal of Independent Studies and Research-Management, Social Sciences and Economics*, 15(2), 107-123.
- 4) Ejaz, M. (2011). The Determinants of Female Labor Force Participation in Pakistan: An Instrumental Variable Approach, CREB Working Paper No. 01-2011
- 5) Ejaz, M. (2007). Determinants of Female Labor Force Participation in Pakistan: An Empirical Analysis of PSLM (2004-05) Micro data. *The Lahore Journal of Economics*, Special Edition, 203-223.

Dr. Mudassar Aziz
Department of Social Sciences
SZABIST Karachi

Academic Profile



Jpg.pic

Name: Dr. Mudassar Aziz

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Short Biography

Starting off my educational journey in Psychology from Quid-i-Azam University, Islamabad with M.Sc. and M.Phil. in Psychology from center of excellence, National Institute of Psychology with distinction, I did my PhD from one of the most prestigious institute in East Asia in Educational Psychology from Hanyang University, Seoul, South Korea, with distinction and with the assistance of prestigious HEC's fully funded scholarship. It opened up the entire academic world of psychology to me and I presented my work in more than 10 countries and published 13 research articles. After coming back to Pakistan I joined my alma mater, National institute of Psychology as an Assistant Professor and served for an entire year. Since last three years I have been a proud part of SZABIST faculty family.

Research Interests

Motivational Psychology, Educational Psychology, Gender studies, Objectification, Positive Psychology, Social Psychology, Industrial Organizational Psychology

Completed and Ongoing Projects

Selected Publications

1. Anjum, G., Kessler, T., & **Aziz, M.** (2019) Cross-Cultural Exploration of Honor: Perception of Honor in Germany, Pakistan, and South Korea. *Psychological Studies*, 64(2), 147-160. (Springer link)
2. Sadaf. Q., **Aziz. M.**, & Anjum. G. (2019) Role of organizational culture in psychological needs satisfaction and work engagement. *Business Review*. 14(1), 1-16.
3. Shehzad. M.O., & **Aziz. M** (2019) Achievement Goals and Academic Achievement: The Mediating Role of Learning Strategies. *Foundation University Journal of Psychology*. 3(1), 1-23.
4. Anjum, G., **Aziz, M.**, & Castano, E., (2019) The Role Of Fulbright Program in Building Positive Perception and Ally Image Of The U.S Among Pakistani Scholars. *Pakistan Journal of Psychological Research*. 34(1).
5. Ahmad,A., **Aziz, M.**, Anjum, G., Mir, F,V. (2018) Intimate Partner Violence And Psychological Distress: Mediating Role Of Stockholm Syndrome. *Pakistan Journal of Psychological Research*, 33(2), 541-557.

Dr. Naeem Akhtar
Department of Education
SZABIST Karachi

Academic Profile



Name: Dr. Naeem Akhtar

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Short Biography

I have done my PhD (Education) from IOBM, Karachi in the domain of Experiential Learning (EL) Strategies in teaching higher education courses. Research based, innovative and project based learning strategies always inspired me to explore and test the effectiveness of EL in developing my own teaching philosophy. I thoroughly studied and discussed existing and primitive EL theories and the learning cycles. From these studies, researches and especially the works of Kolb and Kolb, I developed a three phased ERE (Experience, Reflection, and Experiment) cycle to explore and test the effectiveness of EL strategies in the local context. I believe in learning against the traditional settings and not relying on the rote learning, instead developing and strengthening the self-belief among the learners.

I have published some innovative research papers in both local and international journals. I have also presented abstracts and research papers in national and international conferences and I was elated being recipient of the best paper award in one of the conferences I presented in Istanbul, Turkey.

I have about 11 years of teaching experience at some prominent universities of Pakistan. The courses I taught at different levels include research & educational courses, EFL & ESP. I am adoptive to the situation and devise eclecticism when and where required. Furthermore, apart from my regular teaching practices, I have received and conducted many teacher training and research oriented workshops, seminars and courses. I have also received trainings on modern research related tools including SPSS, Nvivo, PLS and Amos.

Research Interests

My research interest incorporates the field of education, especially teaching and learning strategies and pedagogies including ICT. Experiential learning strategies is the major area of interest for research. Moreover, I have passion to conduct the researches in the field of language and literature.

Completed and Ongoing Projects

Currently I have submitted a project to HEC and waiting for the approval.

Selected Publications

1. Experimental study using CLTM to enhance students' English reading comprehension skills.
NICE Research Journal of Social Sciences issue (Vol., 7 ISSN: 2219-4828, November, 2014) HEC "Y" Category
2. Diffusing ICT to Enhance Students' Academic Writing Skills: An experimental Study at a Business Institute in Karachi, Pakistan
International Journal of English and Education (IJEE, Impact Factor 1.342, indexed in ISI), ISSN 2278-4012 July 2015 issue (Vol. 4, Issue: 3) (English).
3. Communication Through Advertisement Exploiting Celebrity Impact on the Customers' Purchase Intentions: A Survey Research in Karachi Pakistan
Pacific Business Review International, September 2015. Indexed is THOMSON REUTERS (ESCI) (Vol. 8, Issue: 3) Impact Factor 6.56), ISSN: 0974-438X (listed in Master Journal List MJL)
4. Failure to get Admissions in a Discipline of their own Choice: Voices of Dejected Students
Journal of Education & Educational Development (JOEED), (Vol 4, Issue 1, June, 2017) HEC "Y" Category
5. Testing ERE Cycle in Teaching Business Communication Courses: Experiential Learning Strategies
Journal of Education & Educational Development (JOEED), (Vol 6, Issue 1, June, 2019) HEC "Y" Category

Dr. Saim Ahmed
Department of Mechatronics
SZABIST Karachi

Academic Profile



Name: Dr. Saim Ahmed

Designation: Assistant Professor

Campus: 154

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Short Biography

I have done B.E degree in Electronics Engineering from Sir Syed University of Science and Technology, Pakistan, in 2009. I have received M.E degree in Industrial Control and Automation from Hamdard University, Pakistan, in 2013.

I have completed Ph.D. from Nanjing University of Science and Technology, China. I have published five Journal articles and two conference papers. My research interests include the theory and applications of adaptive control, sliding mode control, time delay control, robotic exoskeleton and manipulators, nonlinearities and its compensation.

[My Researchgate Profile](https://www.researchgate.net/profile/Saim_Ahmed4) (https://www.researchgate.net/profile/Saim_Ahmed4)

[My Google Scholar Profile](https://scholar.google.com/citations?hl=en&user=2V4Yv9wAAAAJ) (<https://scholar.google.com/citations?hl=en&user=2V4Yv9wAAAAJ>)

Research Interests

My research interests include the theory and applications of adaptive control, sliding mode control, time delay control, robotic exoskeleton and manipulators, nonlinearities and its compensation.

Completed and Ongoing Projects

Model-free control design using adaptive super-twisting sliding mode control method

Selected Publications

1. **Saim Ahmed**, Haoping Wang, Yang Tian. Model-free control using time delay estimation and fractional-order nonsingular fast terminal sliding mode for uncertain lower-limb exoskeleton [J]. *Journal of Vibration and Control (SCI)*, 2018, 24(22): 5273–5290, DOI: 10.1177/1077546317750978. **Impact factor: 2.865**
2. **Saim Ahmed**, Haoping Wang, Yang Tian. Adaptive High-order Terminal Sliding Mode Control Based on Time Delay Estimation for the Robotic Manipulators with Backlash Hysteresis [J]. *IEEE Transactions on Systems, Man, and Cybernetics: Systems (SCI)*, 2019. **Impact factor: 7.351**
3. **Saim Ahmed**, Haoping Wang, Yang Tian. Robust Adaptive Fractional-Order Terminal Sliding Mode Control For Lower-Limb Exoskeleton [J]. *Asian Journal of Control (SCI)*, 2019, 21(1): 1-10, DOI: 10.1002/asjc.1964. **Impact factor: 2.005**
4. **Saim Ahmed**, Haoping Wang, Yang Tian. Fault Tolerant Control using Fractional-order Terminal Sliding Mode Control for Robotic Manipulators [J]. *Studies in Informatics and Control (SCI)*, 2018, 27(1): 55-64, DOI: 10.24846/v27i1y201806. **Impact factor: 1.347**
5. **Saim Ahmed**, Haoping Wang, Muhammad Shamrooz Aslam, Imran Ghous, and Irfan Qaisar, Robust Adaptive Control of Robotic Manipulator with Input Time-Varying Delay [J]. *International Journal of Control, Automation and Systems (SCI)*, 2019. DOI: 10.1007/s12555-018-0767-5. **Impact factor: 2.181**

SZABIST, ISLAMABAD

Dr. Muhammad Usman
Head of Computer Sciences
SZABIST Islamabad

Academic Profile



Name: Dr. Muhammad Usman

Designation: Associate Professor

Campus: Islamabad Campus

Email:

Short Biography

Dr. Muhammad Usman has completed PhD in Computer & Information Sciences from Auckland University of Technology, New Zealand. He is currently an Associate Professor of Computer Science in the department of Computing at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Islamabad, Pakistan. His research interests include Data Mining, Data Warehousing, OLAP, Business Intelligence and Knowledge discovery.

He is currently researching in the novel methods and techniques for the seamless integration of Data Mining and Data Warehousing technologies. He has published in international journals and conference proceedings, and he has served as reviewer for a number of premier journals and conferences, including the International Journal of Knowledge-based Systems and International Journal of Expert Systems with Applications.

Research Interests

Data Mining
Data Warehousing
Machine Learning
Predictive Analytics for Knowledge Discovery
Intelligent Data Analysis

Completed and Ongoing Projects

1. Principal Investigator of Predictive Analytics Lab

Won a National funding from HEC and Planning Commission of Pakistan to establish a PREDICTIVE ANALYTICS LAB under the Center of Big Data and Cloud Computing. SZABIST's PA LAB is one of the final 12 selected labs (out of 65+ proposals) and has been awarded a grant of **81.25 Million** to work on healthcare and smart manufacturing domain after an extremely competitive selection process including three rounds of intense competition.

The lab's objectives for HealthCare Domain are as follows:

- To Develop a Central Healthcare Data Repository
- To Develop Intelligent and Predictive solutions for Healthcare
- To assist in informed decision making by providing data insights
- To Provide predictive analytical services to the following healthcare programs of Department of Health, Govt. of Sindh
 - *Tuberculosis Program (TB)*
 - *Expanded Program of Immunization (EPI)*
 - *Nutrition Support Program (NSP)*
 - *Lady Health Worker Program (LHW)*
 - *Mother, Newborn and Child Health Program (MNCH)*

Selected Publications

1. Muhammad Afzaal, Muhammad Usman and A.C.M. Fong, "Tourism Mobile App With Aspect-Based Sentiment Classification Framework for Tourist Reviews" IEEE Transactions on Consumer Electronics, vol. 62, Issue no. 2, pp. 233 - 242, 2019 [Impact Factor: 1.80]
2. Muhammad Afzaal, Muhammad Usman, A.C.M. Fong and Simon Fong "Multiaspect-based opinion classification model for tourist reviews" Expert Systems, vol. 36, Issue no. 2, 2019 [Impact Factor: 1.43]
3. Muhammad Azeem and Muhammad Usman, "A fuzzy based churn prediction and retention model for prepaid customers in telecom industry" International Journal of Computational Intelligence Systems, vol. 11, Issue no. 1, pp. 66-78, 2018. [Impact Factor: 2.00]
4. Syed M. Usman, Muhammad Usman and Simon Fong, "Epileptic Seizures Prediction Using Machine Learning Methods" Computational and Mathematical Methods in Medicine, doi:10.1155/2017/9074759,2017 [Impact Factor: 1.54]
5. Azeem, M., Usman, M., & Fong, A. C. M. , "A churn prediction model for prepaid customers in telecom using fuzzy classifiers", Telecommunication Systems. 2017 doi: 10.1007/s11235-017-0310-7. [Impact Factor: 1.52]

Dr. Azhar Mahmood
Department of Computer Sciences
SZABIST Islamabad

Academic Profile



Name: Dr. Azhar Mahmood

Designation: Associate Professor

Campus: Islamabad Campus

Email: dr.azhar@szabist-isb.edu.pk

Short Biography

Dr. Azhar Mahmood has completed PhD in Computer Applied Technology from Huazhong University of Science and Technology (HUST) Wuhan China. He is currently an Associate Professor of Computer Science in the Department of Computing & Engineering Sciences at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Islamabad, Pakistan. His research interests include Internet of Things, Smart Cities & Smart Home Solutions, Healthcare Technologies and Predictive Analytics. He has published in reputed international journals and conference proceedings. He is certified Global Health Networks researcher in healthcare domain and also IBM certified solution architect and solution provider.

1. Associate Professor – SZABIST Islamabad (Pakistan)
2. Assistant Professor – Nanchang University (China)
3. Sr. System Analyst – IBM Business Partner (Pakistan & Singapore)
4. Project Manager – Makabu (Pakistan)

Educational Background:

1. Doctorate - Computer Applied Technology (HUST, Wuhan P.R China)
2. Masters - Computer Science (SZABIST, Pakistan)
3. Masters - Computer Science (SSUET, Pakistan)

Research Interests

1. Internet of Things (IoT) based Predictive Solutions
2. Smart Cities & Smart Homes Services
3. Healthcare Predictive Analytics
4. Healthcare Automation (WSN & WBAN)

Completed and Ongoing Projects

1. Predictive Analytics Lab (SZABIST Islamabad) awarded under National Center of Big Data and Cloud Computing- (2018-2021)
2. Multi Stage Cancer Predictive Solution- Shanghai Cancer Center (2017-2020)
3. AIDS\HIV Prevalence and Predictive Solution - Nai Zindagi Trust Pakistan (2017-2019)
4. HealthCare Information Record & Exchange - Sharjah University (2017-2019)
5. ICU Automation and Mortality Rate Prediction - Nanchang University- NHS UK (2014-2016)
6. HealthCare Information Exchange – KFUPM, KSA (2014-2016)

Selected Publications

1. F. Ujager, **A. Mahmood**, Wellness Determination of Elderlies using Spatio-temporal Correlation Analysis of Daily Activities, "Journal of Ambient Intelligence and Smart Environments", vol. 11, no. 6, pp.515- 526, Nov 2019 (**ISI Index, IF 1.186**).
2. F. Ujager, **A. Mahmood**, A Context-Aware Accurate Wellness Determination (CAAWD) Model for Elderly People Using Lazy Associative Classification, "Sensors" Vol. 19, Pages 1613 April 2019 (**ISI Index, IF 2.475**).
3. N. Khan, **A. Mahmood**, A Distinctive Approach to Obtain Higher Page Rank through Search Engine Optimization, "SADHANA - Academy Proceedings in Engineering Sciences" March 2018. (**ISI Index, IF 0.46**).
4. J.Xu, Y. Zhang , **A. Mahmood**, Data Mining on ICU Mortality Prediction using Early Temporal Data, "International Journal of Information Technology and Decision Making" December 2016. (**ISI Index, IF 1.757**)
5. **A. Mahmood**, K. Shi, et al., "Data mining techniques for wireless sensor networks: A survey," International Journal of Distributed Sensor Networks, 2013. (**ISI Index, IF 1.787**)

Dr. M. Bilal Qureshi
Department of Computer Sciences
SZABIST Islamabad

Academic Profile



Name: Dr. M. Bilal Qureshi

Designation: Assistant Professor

Campus: Islamabad

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Short Biography

Dr. Qureshi is working as Assistant Professor in the Department of Computer Science, SZABIST, Islamabad. He has his bachelors in Information Technology, masters and doctorate in Computer Sciences. He has quality assurance experience in Ministry of Information Technology, Islamabad for the duration of one year. Along with teaching, Dr. Qureshi has also wide research experience related to computer sciences and IT at national and international level. He has successfully collaborated and completed various research projects with MIT USA, Cracow University of Technology Poland, North Dakota State University USA, University of Sydney Australia, University of Thessaly Greece, Cardiff University UK, University of Luxembourg, etc. Dr. Qureshi has authored numerous research publications in reputed journals and conferences including the Journal of Grid Computing, Parallel and Distributed Computing, Parallel Computing, IEEE Access, Sustainable Cities and Societies, etc.

Research Interests

Dr. Qureshi has extensively worked on scheduling real-time applications. He has also researched various HPC domains like grid computing, cloud computing, multi-core systems, edge and fog computing systems for investigating load balancing and energy-efficient resource allocation issues and developed relevant mechanisms. Dr. Qureshi also worked collaboratively with international research-oriented institutes of repute on real-time systems scheduling theory.

Completed and Ongoing Projects

- Deployment of Real-Time Systems in the Cloud. Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University (IAU), KSA. Funded project of SR. 77000 under grant no. 2019-359-CSIT. (Ongoing)
- An Economy-based Grid Resource Allocation for Real-time Data-intensive Tasks. Deanship of Scientific Research, King Abdul Aziz University (KAU), Saudi Arabia. Funded project under grant no. CSITKAU02452016. (Completed)

Selected Publications

- H. Hussain, S. R. Malik, A. Hameed, S. U. Khan, G. Bickler, N. M. Allah, M. B. Qureshi et al (2013), A Survey on Resource Allocation in High Performance Distributed Computing Systems, *Parallel Computing*, Elsevier, 39 (11): 709–736.
- M. B. Qureshi, M. M. Dehnavi, N. M. Allah, M. S. Qureshi, H. Hussain, I. Rentifis, N. Tziritas, T. Loukopoulos, S. U. Khan, C. Z. Xu, and A. Y. Zomoya, (2014), Survey on Grid Resource Allocation Mechanisms, *Journal of Grid Computing*, Springer, 12 (2):399-441.
- M. B. Qureshi, S. Alrashed, N. M. Allah, J. Kolodziej, and P. Arabas (2015), Maintaining the Feasibility of a Hard Real-time Systems with Reduced Number of Priority Levels, *International Journal of Applied Mathematics and Computer Science*, 25 (4):709-722.
- M. B. Qureshi, M. A. Alqahtani, N. M. Allah (2017), Grid Resource Allocation for Real-Time Data-Intensive Tasks, *IEEE Access*, 5(1): 22724-22734.
- N. M. Allah, M. B. Qureshi, S. Alrashed, and O. F. Rana (2019), Cost Efficient Resource Allocation for Real-Time Tasks in Embedded Systems, *Sustainable Cities and Society*, Elsevier, 48(2019), 101523: 1-9.

Dr. Saba Riaz
Department of Computer Sciences
SZABIST Islamabad

Academic Profile



Name: Dr. Saba Riaz

Designation: Assistant Professor

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Short Biography

Dr. Saba is currently working as an Assistant Professor in the Computer Science Department at SZABIST Islamabad campus since January, 2018. Formerly, she was working as Assistant Professor in the Department of Quantitative Methods, University of Management and Technology (UMT), Lahore. She is in teaching field from last ten years in various universities of ISB/RWP. Dr. Saba has completed her Ph.D in Statistics from Quaid-i-Azam University, Islamabad with joint venture of University of Padova, Italy. She has stayed almost two years at University of Padova during her Ph.D.

Research Interests

Completed and Ongoing Projects

Selected Publications

- Riaz, S., Diana, G., and Shabbir, J. (2017). Modified classes of estimators in circular systematic sampling, Hacettepe Journal of Mathematics and Statistics. Vol. 46, No. 4, 743–765, Doi: 10.15672/HJMS.20158412762. Impact Factor (2016): 0.415
- Riaz, S. and Darda, M. A. (2016). Some classes of estimators in the presence of non-response using auxiliary attribute, Springer Plus. DOI: 10.1186/s40064-016-2922-x. Impact Factor (2015): 0.982
- Diana, G., Riaz, S., and Shabbir, J. (2014). Hansen and Hurwitz estimator with scrambled response on the second call, Journal of Applied Statistics. Vol. 41, No. 3, 596–611, <http://dx.doi.org/10.1080/02664763.2013.846305>. 5-year Impact Factor (2013): 0.656
- Riaz, S., Diana, G., and Shabbir, J. (2014). Improved classes of estimators for population mean in presence of non-response, Pakistan Journal of Statistics. Vol. 30, No. 1, 83–100. Impact Factor (2013): 0.336
- Riaz, S., Diana, G., and Shabbir, J. (2014). A general class of estimators for the population mean using multi-phase sampling with the non-respondents, Hacettepe Journal of Mathematics and Statistics. Vol. 43, No. 3, 511–527. Impact Factor (2013): 0.433

Dr. Shahzad Latif
Department of Computer Sciences
SZABIST Islamabad

Academic Profile



JPG

Name: Dr. Shahzad Latif

Designation: Assistant Professor

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Short Biography

Presently working as Assistant Professor at Department of Computer Science SZABIST Islamabad. Dr. Shahzad is HEC approved PhD Supervisor. Dr. Shahzad received MSc Electronics and M.Phil Electronics degree from Quaid-e-Azam University, Islamabad in 2005 and 2008 respectively. He joined Department of Computer Science SZABIST Islamabad in 2008 as a Lecturer. He received PhD in Electronics Engineering from ISRA University in 2018. He has more than 15 years of teaching experience in different educational institutes.

Research Interests

Dr. Shahzad has worked on the optimization of cognitive radio networks which include maximization of throughput and minimization of interference and cost using evolutionary computing. Moreover, Dr. Shahzad worked on channel utilization in cognitive radio networks using Fuzzy Logic.

His research interests include cognitive radio networks, optimization techniques, mathematical modeling and digital signal processing.

Completed and Ongoing Projects

Ongoing project: Courier management system (Final year project) won the ignite grant of Rs.68K

Selected Publications

- Shahzad Latif, Suhail Akraam, Aamer Saleem, "Joint Optimization of Interference and Cost in Cognitive Radio Heterogeneous Network Using Fuzzy Logic Powered Ants", Wireless Communications and Mobile computing, Article ID 1075252, 2017.
- Shahzad Latif, Suhail Akraam, Aamer Saleem, "Channel Assignment using Differential Evolution Algorithm in Cognitive Radio Networks" International Journal of Advanced and Applied Sciences, vol. 4(8), pp. 160-166, July, 2017.
- Muhammad Usman, Shahzad Latif, Arshad Beg, "Principle components Analysis for Seizures Prediction using Wavelet transform" , International Journal of Advanced and Applied Sciences 2019.
- Abdul Ghaffar, Shahzad Latif, and Q. A. Naqvi. "Study of the focusing of a field refracted by an inhomogeneous slab into a uniaxial crystal by using Maslov's method." Journal of Modern Optics, vol. 55(21), 2008.
- Muhammad Imran, Shahzad Latif, Danish Mehmood, Muhammad Saqlain Shah, "Student Academic Performance Prediction using Supervised Learning Techniques. 2019

DR. DANISH MAHMOOD
Department of Computer Sciences
SZABIST Islamabad

Academic Profile



Name: Danish Mahmood

Designation: Assistant Professor

Campus: Islamabad

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Short Biography

Dr. Danish Mahmood is working as an Assistant Professor of computer science in department of computing at SHAHEED ZULFIQAR ALI BHUTTO INSTITUTE OF SCIENCE AND TECHNOLOGY, Islamabad, Pakistan. He is HEC approved PhD Supervisor. Dr. Danish completed has done his graduation in information technology from AIOU and Masters from CUI Islamabad. Dr. Danish Mahmood completed his PhD from COMSATS UNIVERSITY, Islamabad, (Former COMSATS INSTITUTE OF INFORMATION TECHNOLOGY) Pakistan in 2018.

Research Interests

Currently, his research focus is on Energy Management Systems, internet of energy, future smart homes & cities, Smart Grid and Wireless sensor networks.

Dr. Danish Mahmood has published his work in prestigious journals and international conferences. Besides his own contribution, he has been reviewing research articles for a number of international journals and conferences. Most prominent of which are IEEE Access, International Journal of Energy Research, Journal of cleaner production, and International Journal of Electrical Power and Energy Systems. He received **Research Productivity Award 2013, 2016 and 2017** at Pak China Business Forum 2014, 2016 and 2018 respectively from the platform of COMSATS University of Islamabad.

Completed and Ongoing Projects

Selected Publications

- Mohsin Javed, Ghufraan Ahmed , Danish Mahmood, Mohsin Raza, Kamran Ali, Masood Ur-Rehman, "A Thermal Aware & Energy Optimized Routing Protocol for Wireless Body Area Networks". Sensors March 2019
- Ahmed G, Mahmood D, D, Islam S. "Thermal and energy aware routing in wireless body area networks." International Journal of Distributed Sensor Networks. 2019 Jun;15(6):1550147719854974.
- Danish Mahmood, Nadeem Javaid, Imran Ahmed, Nabil Ali Alrajeh, Iftikhar Azim Niaz, and Zahoor Ali Khan. "Multi-agent based sharing power economy for a smart community." International Journal of Energy Research, 2017. doi: 10.1002/er.3768.
- Danish Mahmood, Nadeem Javaid, Sheraz Ahmed, Imran Ahmed, Iftikhar Azim Niaz, Wadood Abdul, Sanaa Ghouzali. "Orchestrating an effective formulation to investigate the impact of EMSs for residential units prior to installation." Energies 2017, 10(3), 335; doi:10.3390/en10030335.
- Danish Mahmood, Nadeem Javaid, Nabil Ali Alrajeh, Zahoor Ali Khan, Umar Qasim, Imran Ahmed, and Manzoor Ilahi. "Realistic Scheduling Mechanism for Smart Homes." Energies 2016, 9(3), 202; doi:10.3390/en9030202.

Dr. Fadia Shah
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Academic Profile



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Short Biography

I am a responsible Pakistani citizen. Learn and improve analytical skills is one of my aim of life. I have a keen interest to explore my knowledge and skills according to the latest technologies. I believe in knowledge sharing, i.e. to learn new things and teach what I know. I want to be a productive citizen. Helping others to achieve their goals is a quality that I try to keep. It is my believe what we distribute, definitely comes back to us. We should support other till our last breath. This is the only way we can make our lives better here as well as in life after death.

Research Interests

My research area is concerned about data generating methods and extraction of useful patterns. I have vast exposure in medical related data. Identification of health hazards on the basis of historical data as well as the regional level data. My research further relates with big data tools and techniques. I have applied my knowledge using medical big data. The problems related to health, overcoming methods to cure patients and an effort to improve life span by avoiding fatal diseases is one of my key domain.

Completed and Ongoing Projects

- Currently I am supervising SZABIST final year project and independent studies students. Software development and information communication systems are the areas under my supervision. Some of my supervised projects are as follows:
- Water distribution System
- Augmented reality
- 3- Unethical text identification.

Selected Publications

- 1- Medical Big Data Access Improvement over Wireless Network using Wavelets. Fadia Shah, JianPing Li, Joshua Dagadu, Yasir Shah, Faiza Shah, (13th ICCWAMTIP, Dec 2016, IEEE Catalog Number: ISBN: CFP16WAM-POD 978-1-5090-6127-3)
- 2. X-Ray Image Reliability using Biorthogonal Wavelet Compression for Medical Big Data. Huaiyu Wen, Fadia Shah, JianPing Li, Raheel, Yasir Shah, Faiza Shah, (13th ICCWAMTIP, Dec 2016, IEEE Catalog Number: ISBN: CFP16WAM-POD 978-1-5090-6127-3)
- 3. DWT based encryption technique for medical images in cloud databases. Dagadu Joshua Caleb, JianPing Li, Fadia Shah (13th ICCWAMTIP, Dec 2016, IEEE Catalog Number: ISBN: CFP16WAM-POD 978-1-5090-6127-3)
- 4. Autonomous fault detection and recovery system in large-scale networks. Raheel Ahmed Memon, Jian Ping Li, Fadia Shah (13th ICCWAMTIP, Dec 2016, IEEE Catalog Number: ISBN: CFP16WAM-POD 978-1-5090-6127-3)
- 5. Retrospect and prospect of wavelet and big data: a survey. 307 Wang Zhou, Jian Ping Li, Fadia Shah, (13th ICCWAMTIP, Dec 2016, IEEE Catalog Number: ISBN: CFP16WAM-POD 978-1-5090-6127-3)

Dr. Isma Masood
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Academic Profile



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Short Biography

I have obtained my BS, MS degrees from international Islamic University Islamabad and PhD degree from Nanjing University of Science and Technology China. I am passionate to explore new emerging research areas of software engineering.

Research Interests

have published about 12 papers in reputed international Impact factor journals and conferences. I am supervising 3 MS and 1 BS dissertation/Thesis. My research interests are patient data privacy and security, sensor-cloud infrastructure, empirical and qualitative based software engineering, systematic literature review and blockchain technology. My teaching interests are Information security, Software Requirement Engineering, Software Architecture and Design, Software Project Management and other SE related courses.

Completed and Ongoing Projects

- Blockchain in Healthcare
- Sensor cloud data privacy and security

In Progress

- Masood, Y. Wang, A. Daud, N. Radi Aljohani, H. Dawood, "BBACM: A Blockchain Based Access Control Model for Patient Data Privacy and Security in Sensor-Cloud Infrastructure" under review in Journal of Information Processing.

- H. Jelodar, Y. Wang, M. Rabbani, R. Zhao, S. Ayobi, X. Jiang, P. Hu, I. Masood, C. Yuan, Y. Zheng, "Recommendation Systems Based on Topic Modeling and Semantic Analysis in Internet Service Community" submitted in journal of Ambient Intelligence and Humanized Computing.

Selected Publications

- I. Masood, Y. Wang, A. Daud, N. Radi Aljohani, H. Dawood, 2018. "Privacy Management of Patient Physiological Parameters" in Telematics and Informatics 35(4), 677-701 (JCR SSCI Q1, IF=3.789)
- I. Masood, Y. Wang, A. Daud, N. Radi Aljohani, H. Dawood, 2018. "Towards Smart Healthcare: Patient Data Privacy and Security in Sensor-Cloud Infrastructure" in Wireless Communications and Mobile Computing 2018, 1-23 (SCI IF=1.899)
- X. Jiang, P. Hu, Y. Li, C. Yuan, I. Masood, H. Jelodar, M. Rabbani, Y. Wang, 2018. "A Survey of Real-Time Approximate Nearest Neighbor Query Over Streaming Data for Fog Computing" in Journal of Parallel and Distributed Computing 116(2018), 50-62 (IF=1.815)
- Ruxin Zhao, Yongli Wang, Peng Hu, Hamed jelodar, Chi Yuan, Yanchao Li, Isma Masood, Mahdi Rabbani. Selfish herds optimization algorithm with orthogonal design and information update for training multi-layer perceptron neural network, Applied Intelligence (SCI Q2, IF=1.983), In Press.
- A. Raza Rajput, Q. Li, M. Taleby Ahvanooy, I. Masood, "EACMS: Emergency Access Control Management System for Personal Health Record based on Blockchain" accepted in IEEE Access 2019, 1-14 (SCI Q2, IF=4.098)

Dr. Muhammad Imran
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Academic Profile



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Short Biography

Dr. Muhammad Imran has completed his PhD in Information Technology from Universiti Tun Hussein Onn Malaysia, Malaysia. He is currently an Assistant Professor of Computer Science in the department of computer science at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Islamabad, Pakistan. He is currently researching in the novel methods and techniques for the seamless integration of Computer Vision and evolutionary Computing Techniques. He has published in international journals and conference proceedings.

Research Interests

His research interests include Data Mining, Evolutionary Computing, Computer Vision and Medical Image Processing

Completed and Ongoing Projects

Selected Publications

- Muhammad Imran, Rathiah Hashim, Noor Elaiza Abd Khalid and Aun Irtaza. Stochastic Optimized Relevance Feedback Particle Swarm Optimization for Content Based Image Retrieval, The Scientific World Journal, Volume 2014, 2014. (ISI IF 1.219).
- Muhammad Imran, Shahzad Latif, Danish Mehmood, Muhammad Saqlain Shah Student Academic Performance Prediction using Supervised Learning Techniques, International Journal of Emerging Technologies in Learning, Vol. 14, No. 14, 2019

- Muhammad Imran, Rathiah Hashim , Aun Irtaz , Azhar Mahmood, Umair Abdullah" Class wise image retrieval through scalable color descriptor and edge histogram descriptor, " International Journal of Advanced and Applied Sciences, 3(12) 2016, Pages: 32-36. (ISI Indexed)
- Raazia Anum, Muhammad Imran, Rathiah Hahsim , Azhar Mahmood, Saqib majeed," A Hybrid Particle Swarm Optimization(PSO) with Chi-Square and Stable Mutation Jump Strategy," International Journal of Advanced and Applied Sciences, 3(12) 2016, Pages: 49-54. (ISI Indexed)
- Baber Jahangir, Muhammad Imran, Shahina Rabeel¹, Qamar abbas Ayyaz Hussain,"An Improved Pulmonary Nodule Detection Scheme Based On Multi-Layered Filtering And 3D Distance metrics," International Journal of Advanced Computer Science and Applications (IJACSA), Vol.7, No.8, Aug-2016 (accepted). (ISI Indexed)

Dr. Tazeen Athar
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Academic Profile



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Short Biography

Dr. Tazeen Athar has completed her PhD in Mathematics from University of Saarland, Saarbruecken, Germany. Currently she is an Assistant Professor in the Department of Computer Science at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Islamabad, Pakistan. She has also served as an Assistant Professor in COMSATS University

Research Interests

Operator Theory, Functional Analysis, Fractals.

Completed and Ongoing Projects

Selected Publications

- Albrecht and T. Athar, "Regularity Criteria for Banach Function Algebras", J. Operator Theory, vol. 70(1), pp.75-107, 2013

Dr. Faryal Razzaq
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Academic Profile



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Short Biography

Dr. Faryal is a seminal Trainer/consultant, blogger/influencer, panelist for National TV, EQ education evangelist, member advisory boards for Bahria University Business school curriculum advisory committee for BBA/MBA, In charge ZAB-Curriculum advisory & Regulation of Emotion Centre, mentor for National Incubation Centre, board member Accountability lab, fellow Founder Institute, member of Community Resilience Research Network by SDPI, Won Women SDG Challenge cup at Hackathon 2019, Board of reviewers for 8 research journals including Academy of Management and founder of The FEEEL®, a startup for emotional and self-help coping strategies. She had been shortlisted by The World Bank for #GirlLearnWomenEarn. She has 5 copy rights from IPO, Pakistan.

Developed the first indigenous model for emotional intelligence at Pakistani workplace her training expertise include, mental health, life skills, emotional intelligence, research, ethics, women empowerment, effective change management, Agile HR, Business Model Canvas etc. She has trained faculty and Students in Punjab University, Peshawar University, Greenwich University- Karachi, IQRA University, Bahria University, Institute of Professional Psychology, SZABIST and Asia Metropolitan University, Malaysia.

Chaired and was key note speaker in many international conferences, and had been independent consultant for British Council and CWS (Act alliance Asia Chapter), PAF Professional Development Centre, LDC Bahria, HRDN and trainer for US Embassy, Islamabad and Lincolns Corner & SAARC Women Entrepreneurs Portal Islamabad Chapter. She is a role model for Pakistan Alliance for girls education, general body member for Pakistan Alliance for Early child hood care, advisor READ Pakistan, trainer/member, Women on Board, Connected Women, Pakistan Youth Association, Be the Change, LIFT Pakistan, Professional Success Summit, Jumpstart and Rupani foundation etc. She has around 20 research publications in HEC recognized journals and national/international conferences and member for 4 divisions, OB, HRM, Entrepreneurship, research methods in Academy of Management. She is an

approved trainer for Google signature workshop #IamRemarkable.

Research Interests

Emotional Intelligence, Effective Change Management. Other research areas include Leadership in charity sector and does knowledge of learning Styles improve learning outcomes? General interests include Human Resource Management and Development, performance management, proposal development, sense making, logical argumentation, scale development and decision making and community resilience.

Completed and Ongoing Projects

. Conducted base line study for Status of Women in HEI's for British Council in January, 2016. Completed Consultancy research projects in March and Dec 2017 for Community World Services (ACT Alliance). Completed a research Training project for US Embassy in August 2019. Currently submitted 3 proposals one for NRPU as a community partner worth 17 million PKR and 2 grants for SDPI Community Resilience Research Network worth 950,000 PKR each.

Selected Publications

- **Developing a Scale on Employee Involvement and Motivation in Effective Change Management: A Case of Canteen Stores Department**, in IBT Journal of Business Studies, Vol 15(1) page 63-74, 2019.
- **Exploring effects of learning Styles on the learning outcomes**, Published in 'New Horizon', 2019, Vol 13, No 1, Page 13-30
- **Patterns of learning styles through E-learning in Pakistan**, Published in International Research Journal of Arts and Humanities, 2018, Volume 46, no 46. ISSN : 1016-9342
- **Measuring Emotional Appreciation at Personal, Interpersonal and Organizational Level in Pakistani Workplace Setting**. Published in Bahria University Journal of Management & Technology 2017, Vol.1, No. 2 pp. 14-36

- Paper titled, “**A Theoretical Evaluative Study of Four Influential Models of Emotional Intelligence**”, Bahria Journal of professional Psychology in 2016, *15*(2),pp. 39-62.

Paper **Published in Journal of Business and Economics**, ISSN: 2075-6909, Vol 7, No. 1, pp: 28-70 titled, **Developing**

Dr. Muhammad Naveed

Department of Management Sciences

SZABIST Islamabad

Academic Profile



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Short Biography

Dr. Muhammad Naveed is recognized as one of the world leading expert on Corporate Finance mainly capturing the research significance of Advanced Dynamic Financial and Investment Modeling, Corporate Governance, Financial Risk Management, FATF, Financial Innovations and Inclusion, Financial Reporting and Control, Financial Markets Efficiency, Economic Sensitivity and Econometric Drives. Moreover, he is working practitioner on Business Schools Accreditation, Silicon Valley Research Framework, Financial/Business Incubation Centers & Plexus and R&D Commercialization.

Dr. Naveed earned foreign PhD (Finance) from University Technology Malaysia (UTM) and currently working as Associate Professor (Faculty of Management Sciences, SZABIST, and Islamabad) and also the Focal Person of SZABIST-NBEAC (HEC). Prior to PhD, he had been working with Higher Education Commission (HEC, Pakistan) as Senior R&D Executive; where he developed R&D Innovation Policy, Framework of Office of Research Innovation & Commercialization, and Business Incubation & Technology Park Models. He started Knowledge Economy Drives to strengthen University-Industry Collaborations to increase HEIs' share in knowledge economy. Moreover, he has seminal publications in ISI and SCOPUS Indexed Journals of high ranking, scholarly reviewer of various Emerald Journals, HEC Approved PhD Supervisor/Subject Expert of HEC. In addition, he is offering advisory services and consultancy to HEIs and Corporate Sector (including, Banking Industry, ISSI-FATF, SECP and International organizations).

Dr. Muhammad Naveed been honorily invited as Guest Speaker, Resource Person and Conference Chair in more than 50 Global Forums including Oxford University, LSE, Cambridge University, Silicon Valley, University of Melbourne, University of Manchester, Stanford University and many other world renowned knowledge partners and R&D Institutions.

Research Interests

Completed and Ongoing Projects

Selected Publications

1. Hanif, H., Naveed, M. and Rehman. (2019). "Modeling Systemic Risk in a Developing Economy: Application of Marginal Expected Shortfall" *Journal of Managerial Science*, 12(3)
2. Hanif, H., Naveed, M. and Rehman (2019). "Dynamic modeling of systemic risk and firm value: A case of Pakistan". *Emerging Sciences Citation Journal* (Taylor and Francis)
3. Hameed, N. and Naveed, M. (2019). How financial leverage differs between conventional and Islamic banks: A dynamic model perspective of banking sector of Pakistan. *Journal of Islamic Business Management*, 9(2)
4. Naveed, M., Hussain, M. and Bilal, R.A. (2018). *New Insights into Dividend Policy: A Customized and Dynamic Sectoral Analysis*. Oxford Conference Series (2018), Oxford University, UK
5. Bilal, R. A., Naveed, M. and Fatima, T. (2018). *Economic Activities are Beneficial for Economies but Challenges for Environment: An Empirical Investigation on the Background of China-Pakistan Economic Corridor*. OXFORD Conference Series (2018), Oxford University, UK

Dr. Shumaila Zeb
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Academic Profile



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Short Biography

Shumaila Zeb is working as Assistant Professor in the Department of Management Sciences at SZABIST Islamabad, Pakistan. She has completed Ph.D. (Finance) from SZABIST Islamabad Campus

Research Interests

Her research interests include systemic risk, risk management, financial regulations, financial literacy, financial economics, and women empowerment. She has many research publications including Impact Factor, ISI Indexed and HEC recognized journals.

Completed and Ongoing Projects

Selected Publications

1. Zeb, S., & Rashid, A. (2019). Systemic Risk in Financial Institutions of BRICS: Measurement and Identification of Firm-Specific Determinants *Risk Management Vol. 21(4)*243-264 (**Impact Factor 0.815**)
2. Zeb, S., & Ali, Z. (2019). Credit Risk, Capital, and Inefficiency: An Empirical Analysis of SAARC Banking Sector *Vol. 13(1)*, 41-55 , *South Asian Journal of Management Sciences*(**HEC Recognized “X” Category**)
3. Zeb S, Sattar A, (2017). Financial Regulations, Profit Efficiency, and Financial Soundness: Empirical Evidence from Commercial Banks of Pakistan. *The Pakistan Development Review*, 56(2), 85-103(**HEC Recognized “X” Category**)
4. Riaz Y, Shahab Y, Bibi R, Zeb S, (2016) "Investment-cash flow sensitivity and financial constraints: evidence from Pakistan", *South Asian Journal of Global Business Research*, 5(3),403 – 423 (**HEC Recognized “X” Category**)

Dr. Fuwad Bashir
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Academic Profile



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Short Biography

I have done my Masters in Business Administration from **IBA Karachi** back in 1997 and done PhD in Human Resource Management. The focus of my dissertation is about exploring spirituality level in individuals and its consequences on attitudinal and behavioral outcomes. I have started my career from a textile concern as a Marketing Manager. I also handled quality management affairs and helped implementation of systems like ISO 9000. I then started consultation of quality management and organizational design related issues. I have a rich experience as a consultant in the field of **Operations Management, Quality Management and Organizational Development**. My areas of expertise are organizational development and restructuring, organizational cultural dynamics, developing HRM system, developing quality management systems and project management. I have twenty two years of academic experience including teaching, research and program management. I have taught multiple and diversified courses in many institutions and universities in Faisalabad, Lahore and Islamabad. Currently I am looking after industrial liaison and action research at SZABIST Islamabad.

Trainings:

I have conducted many training sessions in the areas of Positive Thinking, Mindfulness, Spirituality, Workplace Spirituality, Effective Team Building, Effective Decision Making Skills, Project Management, Effective Communication and Professional Skills, HRD, Total Quality Management, and Conflict Management etc.

Research Interests

I have a research interest mainly on Organizational Behavior, Individual as well as workplace spirituality. Furthermore I am also more inclined towards action based and problem solving research for the industrial as well as corporate sector

Completed and Ongoing Projects

1. Development of Job Description Manual and Competitive Compensation system for a Commercial Bank.
2. Developing Performance Management systems on the Basis of Comprehensive Analysis of KPIs.
3. Meat Market in Pakistan: Study of consumers, retailers and commercial users
4. Market Research Report on Dried Apricot and Apricot Kernel Oil and Development of Marketing Mix in Pakistan.
5. Research project for the World Bank on the grievance handling process for flood effected.
6. Training on time, work and stress management to different organizations like, CAA, Allied Bank, U-Phone, PTCL, Millat Tractors, MOL Pakistan etc.
7. Devised an OD diagnosis framework and then conducted an organization wide diagnosis for manufacturing concerns (Recently at Kay & Emms Textile Pvt. Ltd.) and based upon the analysis devised a framework for organizational interventions and provided consultancy to enable the organization on such initiatives.
8. Supervisory Skill Training at MOL Pakistan.
9. Human Rights training for the security staff at MOL Pakistan.
10. The post devolution political economy of TVET sector in Pakistan.
11. The analysis and development of ERP system of PPHI based upon proposed OD framework.
12. Capacity building of PPAF Management Team on Project Management tools and techniques.

Selected Publications

- Yazdani K., **Bashir F.**, “Impact of transformational Leadership on Project Success, with Mediating Role of Team Building and Moderating Role of HRM Practices”. UW JOURNAL OF MANAGEMENT SCIENCES, ISSN: 2523-0417 (Online) ISSN: 2521-5876 (Print), 2018.
- **Bashir, F.**, Akbar, A., (2016), “The Impact of Spirituality of Managers on Organizational Citizenship Behavior and the Mediating Role of Paranoia”, Journal of Islamic Business and management, Vol. 6 No. 2, 2016.
- Rasool, H. A., **Bashir, F. A.**, Azam, I. R.(2010). “Pre-Training Motivation and the effectiveness of Transformational Leadership Training: An Experiment, Academy of Strategic Management Journal, 9 (2), 123-131
- Rasool, A. H., **Bashir, A. F.**, Ramay, M. I., (2009) “HRD roles and competencies: A comparative study of Pakistan and China using ASTD model” *Interdisciplinary Journal of Contemporary Research in Business* Vol .1, No. 5, ISSN 2073-7122
- Hassan Rasool. H, **Bashir F.**, Rauf-i-Azam, Nasir Z. M., “The Other Side of Goal Orientation and Training Outcomes: Mediating Role of Training Motivation:, Journal of Service Science and Management, 2015, 8,

Dr Khansa Zaman
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Academic Profile



JPG

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Short Biography

I am a dedicated professional, serving as Assistant Professor, Manager Executive Development & External Relations and Focal Person ORIC at SZABIST Islamabad Campus with practical experience in educational, corporate, media and development sector. My academic/administrative exposure, research experience, book publications, and research articles in international journals have enriched me with understanding of Marketing and Management. The practical experience in education and development sector has groomed my practical exposure to pursue the events, trainings, marketing tasks and agendas in real terms. A hybrid combination of practical and research work in the area of management sciences have prepared me to pursue my career at education sector.

Research Interests

Consumer behavior
sustainability/environmental studies
Consumer and corporate social responsibility
Project management

Completed and Ongoing Projects

N/A

Selected Publications

- Zaman. K., Siddiqui. S. H., Rasheed. R., & Nawaz. S. H. (2019). Globalization, Market Space, and Religiosity: A study of non-alcoholic Perfumes. Pakistan Journal of Social Sciences. . X39(1). 32- 46. (HEC Recognized Y category).
- Zaman. K., Bashir. S. (2017). Role of ethical self identity in predicting buying intentions toward societal friendly products: A study of societal conscious consumers. Future of Marketing & Management, Journal of Managerial Science. XI (3). 19-32. (HEC Recognized Y category).
- Zaman. K., Rehman. A., & Mumtaz. A. (2017). Impact of Brand Innovativeness on customer satisfaction through moderating role of communication, CUST international Business Research Conference, Conference Proceedings
- Zaman. K., Bashir. S. (2017), Consumer's self identity, 3rd Asia International Conference, Malaysia. Conference Proceedings
- 5. Zaman. K., Javaid. N., Arshad. A Bibi, S. (2012). Impact of Internal Marketing on Market Orientation and Business Performance. International Journal of Business and Social Sciences. 3(12), 76-87

Dr. Muhammad Zeb Khan
Department of Management Sciences,
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Academic Profile



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Short Biography

Dr M Zeb Khan has been associated with academia for the last 20 years teaching and researching in the field of business and public management in addition to working on various administrative assignments. He did his Masters in Project Management from University of Peshawar with distinction and PhD in Management Sciences from Institute of Administrative Sciences, University of the Punjab Lahore (Pakistan). He served as Lecturer at Govt. College of Management Sciences, Peshawar, and Assistant Professor at COMSATS Institute of Information Technology, FAST National University of Computer & Emerging Sciences (Pakistan), and Director ORIC at Sarhad University. He joined SZABIST Islamabad as Associate Professor in 2018 and has been working here since then on different academic and administrative assignments. His main focus of research HRM, Public Sector Management Reforms, and Organizational Behavior. He has published 22 research papers in both International and HEC-recognized local journals and have presented 6 papers in international conferences in addition to writing a book on corporate social responsibility with Professor Frank Casio of NSU, USA. He has been serving on Academic Bodies of different universities and is member of Editorial Boards of journals in the field of management. Above all, he is a prolific writer and contributes articles to The News International and South Asia Magazine on political, social, and international issues.

Research Interests

Dr. M Zeb Khan's major research focus is on public management reforms with emphasis on the working of autonomous/semi-autonomous public organizations. He has also worked in the area of human resource management, organizational behavior, and project management.

Completed and Ongoing Projects

The socio-economic impact of District Dir Development Project funded by UNDP and Government of Pakistan.

Selected Publications

- Shaheen, M. and Zeb, M.K. (2015). A Method of Data Mining for Selection of Site for Wind Turbines. Renewable & Sustainable Energy Reviews. Impact Factor 10.55, Vol. 55 pp. 1225-1235 ISSN: 1364-0321
- Idrees, N., Ullah, Z. & Zeb, M.K. (2017). Impact of ethical conflict on job performance: the mediating role of proactive behavior. Asian Journal of Business Ethics. Vol. 7 (1), pp. 103-116 ISSN: 2210-6731
- Zia Ullah, Zeb M.K., Siddique, M. (2017). Analysis of Employees' Perception of Workplace Support and Level of Motivation in Public Sector Healthcare Organization. Business & Economic Review. 9 (3), pp. 240-258. ISSN: 2519-1233 (Online), ISSN 2074-1693 (Print)
- Joiya, N.A., Zeb M. K. and Zia Ullah (2018). Opening up the black box of employee turnover intent in the banking sector of Paksitan. Journal of Managerial Sciences, 12 (3), pp. 148-158
- Zeb M. K., Zia Ulla, and M Siddique (2019). The effect of structural factors on managerial autonomy in public organizations: a study of agencification in Pakistan. Business and Economic Review, 11 (3).

Dr. Shazia Akhtar
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Academic Profile



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Short Biography

Dr. Shazia is presently working as an Associate Professor/Program Manager of EMBA/PMBA/MHRM at the Department of Business Administration SZABIST, Islamabad. She has done her masters from Q.A.U and is PhD in Human Resource Management with a strong background of increasingly responsible position in Academics/Research and Corporate Training. She has Twenty-five years of diverse experience of teaching/ research/ training and administrative experience and 10 years of Post PhD experience in the leading Universities of Pakistan. She is an HEC Approved Supervisor and has successfully supervised 01 PhD with Impact Factor publication and 38 MS theses. She is currently supervising number of PhD and MS students. She is an active researcher, referee of number of international journals of repute and has won 02 Best Research Paper Awards in international conferences of HRM. She has more than 40 publications to her credit including impact factor publications. She has served thrice as Chair in CUST International Business Research Conference (CIBRC) and 21st IRC at Szabist. She is a Corporate trainer attached with OGDCL training institute (OGTI) and NIBAF (National Institute of Banking & Finance), Weatherford. ZTBL and International NGO,s for the past 20 years. She has vast experience of teaching variety of subjects (at under/post-graduate levels) including Contemporary Issues in

Management Sciences, Advanced Theories of Management and Administrations, System Thinking, Cross cultural HR, Strategic HRM, International Strategic Management, Advanced Research Methodology and Proposal Development, Corporate Governance & Sustainability, SHRM& Leadership, Training & Development, Business Research Methodology, Human Resource Management, Strategic HRM, Business Policy & Strategy, Human Resource Development, Strategic, and Organizational Behavior.

Research Interests

She works in Impression management strategies ,career advancement, Glass Ceiling effect, Gender sensitization, Leadership styles and traits, Façade of Conformity, HPWS, HR Bundles, Ambidexterity.

Completed and Ongoing Projects

Selected Publications

Dr. Muhammad Asif Khan
Head of Management Sciences
SZABIST, Islamabad

Academic Profile



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Professor
Program Manager MS - MS

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Short Biography

Dr. Asif has been associated with academia for the last 20 years teaching and researching in the field of business studies in addition to working on different administrative and academic assignment. He did his Bachelor of Honours in War Studies from University of Balochistan, Master in Commerce from Punjab University, Master in Business Administration from International Islamic University Islamabad, and Doctor of Philosophy in Human Resource Development from National University of Modern Languages, Islamabad. He attended training courses at Staff College Camberley United Kingdom and Melbourne Business School, Australia. He had over 30 years experience of working in public and private sectors of Pakistan. He worked as Planning Officer in United Nation Headquarter New York and also served as member of United Nations Transition Assistance (UNTAG) in Namibia. He participated as member of United Nation's Team for negotiation between Government of Angola and UNITA that resulted into signing of Lusaka Protocol in Zambia in 1994. He is a member of statutory bodies of different universities. In SZABIST, he had been on different assignments managing undergraduate, graduate and executive courses. Presently, he is Head of Department of Management Sciences at Islamabad Campus and member of various statutory bodies. He participated in different forums of Higher Education Commission of Pakistan to transform education system in the country. He holds the award of Tamgha-e-Imtiaz (M) conferred upon him by the President of Pakistan.

Research Interests

Dr. Asif has been involved in research in areas of human resource management, organizational behavior, quality education, social responsibility. Dr. Asif has more than 30 papers in international and national academic journals of repute. In addition, he participated in 10 International and national conferences, besides being the head and members of research panels in these conferences.

Completed and Ongoing Projects

Selected Publications

- Faisal Malik M., Asif Khan M. (2020) Positive Emotions and Employee Engagement. In: Farazmand A. (eds) Global Encyclopedia of Public Administration, Public Policy, and Governance. Springer, Cham
- Khan, S. & Khan, A. M. (2019). Customer Orientation of service employees; an enabler of creativity and innovativeness: A case of ICT sector of Pakistan. Journal of Research in Social Sciences, 7(1), 116-130.
- Malik, M. F., & Khan, M. A. (2019). "Tracking Engagement through Leader" Authentic Leadership's Consequences on Followers' Attitudes: A Sequential Mediated Mode. International Journal of Public Administration, 1-8.
- Fatima, A. and Khan, M. A. (2017). Do hope foster innovative work behavior through employee engagement and knowledge sharing behavior? A conservation of resources approach using MPLUS tool, Business and Economic Review, 9(4), 181-212.
- Khan, M. A (2015). An Empirical Study of Determinants of Teachers' Effectiveness in Higher Education Institutions in Pakistan. Taylor's 7th Teaching and Learning Conference 2014 Proceedings.

Dr. Atif Bilal,
Department of Management Sciences
SZABIST, Islamabad

Academic Profile



Name: Dr. Atif Bilal

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Short Biography

Dr. Atif Bilal is the Assistant Professor of Management Sciences and Program Manager of EMBA, PMBA and M-HRM programs at SZABIST, Islamabad Campus. He did his PhD in Management Sciences from Bahria University, Islamabad. His research work includes bureaucracy, creativity and innovation in the advertising agencies of Pakistan.

Research Interests

His current major research interests include the psychology of employees at work, consumer behavior, organizational structure, creativity, innovation, workplace violence, leadership and advertising. He has published a number of articles in these fields in renowned journals.

Completed and Ongoing Projects

Ongoing Projects

- When Leaders Become Followers?
- Digital Literacy in Pakistan.
- Financial Literacy and Retirement Planning in Pakistan.

Selected Publications

- Bilal, A., & Ahmed, H. M. (2017). Organizational Structure as a Determinant of Job Burnout: An Exploratory Study on Pakistani Pediatric Nurses. *Workplace health & safety*, 65(3), 118-128.
- Bilal, A., & Ahmad, H. M. (2015). Team Goal Orientation, Information Exchange, Creativity and Innovation; with technology and trust in leader as moderator. *Global Management Journal For Academic & Corporate Studies*, 5(2), 123-134.
- Bilal, A., Ahmad, H. M., & Majid, F. (2018). How Formalization Impedes Employee Creativity and Organizational Innovation: A Case of Advertising Agencies in Pakistan. *NUML International Journal of Business & Management*, 13(1), 66-78.
- Laeeque, S. H., Bilal, A., Babar, S., Khan, Z., & Ul Rahman, S. (2018). How Patient-Perpetrated Workplace Violence Leads to Turnover Intention Among Nurses: The Mediating Mechanism of Occupational Stress and Burnout. *Journal of Aggression, Maltreatment & Trauma*, 27(1), 96-118.
- Laeeque, S. H., Bilal, A., Hafeez, A., & Khan, Z. (2018). Violence breeds violence: burnout as a mediator between patient violence and nurse violence. *International journal of occupational safety and ergonomics*, 1-31. Doi 10.1080/10803548.2018.1429079.
- Bilal, A., & Ahmed, W. (2019). Impact of Team Goal Orientation and Information Exchange on Creativity and Innovation in Advertising Creative Teams of Pakistan. *Business & Economic Review*, 11(1).

Dr. Ayesha Noor
Department of Management Sciences
SZABIST Islamabad

Academic Profile



Name: Dr.Ayesha Noor

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Short Biography

Presently working as Assistant Professor and In charge QEC at SZABIST. After completing her BBA (Hons)-HRM and MBA-HRM she joined Muhammad Ali Jinnah university and completed her PhD (Management Sciences-HRM) in 2015 and during her PhD program she was associated with MAJU and Riphah international university as visiting faculty member. She was the distinction holder in her BBA and MBA program as she secured first position in these programs and also awarded with Dean Honor roll scholarship during her entire PhD program. She also worked with National testing Service of Pakistan (NTS) for the development of job and academia related tests for three years. She was the member of university of WAH journal of management sciences (UWJMS) Editorial Board in 2017. She is currently Reviewer of international and national journals such as Journal of Health Psychology and Jinnah Business Review. She participated in number of international and national conferences as guest speaker, conference chair and discussant. She is also a trainer of Data Analysis techniques. She was awarded with the Best Presenter Award out of 32 countries representation in 5th International Conference on Economics, Management, Social Sciences, Arts and Humanities (ICEMSAH) organized by ICONTES Organizers-Asia Pacific University of Technology & Innovation (APU), MALAYSIA in 2018. Dr. Ayesha Noor is also the part of organizing all MS and PhD programs reviews of HEC at SZABIST Islamabad and also working for the accreditations of the bachelor and master programs.

Research Interests

Dr. Ayesha Noor has worked on internalized and social stigma, leadership and employee attitudes at workplace. Because of her interest in research she has also done certified training on mixed research methodology and in analysis of quantitative and qualitative data using SPSS and NVivo. She also has interest in the improvement of higher education, for this purpose she is also trained by HEC in capacity building of faculty and staff of HEIs.

Completed and Ongoing Projects

Dr. Ayesha Noor is working on stigma research in collaboration with Dr. Valerie Earnshaw (University of Delaware, USA & Earnshaw Lab). The research project is basically based on the cultural differences for understanding progression mechanism of stigma.

Selected Publications

- Noor, A., Bashir, S., & Earnshaw, V. A. (2016). Bullying, internalized hepatitis (Hepatitis C virus) stigma, and self-esteem: Does spirituality curtail the relationship in the workplace. *Journal of health psychology*, 21(9), 1860-1869.
- Mubarak, F., & Noor, A. (2018). Effect of authentic leadership on employee creativity in project-based organizations with the mediating roles of work engagement and psychological empowerment. *Cogent Business & Management*, 5(1), 1.
- Procedural justice, envy and organizational citizenship behavior: A study of health professionals in Pakistan. (2014). *Jinnah Business Review*, 2(2), 45-51.
- Hepatitis-C (HCV)-Related Social Stigma; Development of a Scale (2016). *Jinnah Business Review*, 4(1), 1-8

Dr. Fatima Ashraf,
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SZABIST Islamabad

Academic Profile



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Short Biography

Dr. Fatima Ashraf is currently employed as Assistant Professor in the department of Management Sciences, SZABIST Islamabad. Earlier, she served in the department of Management Sciences, National University of Modern Languages Islamabad for four years. She completed her PhD with specialization in Human Resource Management from SZABIST Islamabad in 2018. During PhD, she was awarded HEC/PhD Indigenous Scholarship and was on the Chancellor's Honour Roll. She completed her MS in Human Resource Management from COMSATS Institute of Information Technology under University Scholarship Program in 2010. During the course of her academic and professional endeavors, she has published research articles that are published in national and international journals. She has participated in curriculum development and research activities during her professional pursuits.

Research Interests

Her research interests include workplace bullying, positive psychological capital, work engagement, employee outcomes, workplace fun, emotional intelligence, dark leadership.

Completed and Ongoing Projects

She is working on multiple research articles, some of which are in the publication process.

Selected Publications

- Ashraf, F. & Khan, M. A. (2017). Broadening the positive psychological capital: An Asian cultural perspective. *Journal of Independent Studies and Research*, 15(2), 91-106.
- Ashraf, F. & Khan, M. A. (2014). Does emotional intelligence moderate the relationship between workplace bullying and job performance? *Asian Business Management*, 13(2), 171-190. (Impact factor journal).
- Ashraf, F. & Khan, M. A. (2013). Organisational innovation and organisational effectiveness among cellular companies. *Pakistan Journal of Psychological Research*, 28(1), 1-24.
- Ashraf, M., Ashraf, F., Rahman, A., & Khan, R. (2012). Assessing women's satisfaction level with maternity services: Evidence from Pakistan. *International Journal of Collaborative Research on Internal Medicine and Public Health*, 4(11), 1841-1851.
- Ashraf, F. & Khan, M. A. (2012). Impact of emotional intelligence on managerial effectiveness: Empirical evidence from Pakistan. *African Journal of Business Management*, 6(11), 3941-3953.

Dr. Iffat Rasool
Department of Management Sciences
SZABIST Islamabad

Academic Profile



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Short Biography

I have received my PhD degree in 2017 from CUST Islamabad with specialization in Management sciences. My PhD research is based on Micro CSR Model which was designed at KEDGE business school Marseille France 2016. I am presently working as an Assistant professor Management sciences at Shaheed Zulfikar Ali Butto Institute of Science and technology, Islamabad, Pakistan. I also hold the degrees of MBA Marketing, Masters in Economics and Masters in English Literature and Language.

I have more than 15 years of experience of industry and academia and I have served these sectors with several positions as a consultant, trainer and instructor which include Foundation University, Hamdard University and University of Wah. She has an experience of working with a wide range of culturally diverse audiences on national and international level. I have been sub –Editor of UW Journal of Management during 2017 to 2018. I have an opportunity of being reviewer of several Journal that include:

- Journal of Business and Social Innovation(Hamdard university, Islamabad)
- World Journal of Entrepreneurship.
- Pakistan Business Review
- UW Journal of Management Sciences.

I have conducted and attended several conferences, seminars and workshops and trainings on national and international level. I have led the foundation of Teachers Training Programs and Language Taring Program from the platform of SZABIST Islamabad successfully.

Research Interests

Human Resource Management, Organizational Behavior, Corporate Social Responsibility, Sustainability.

Completed and Ongoing Projects

Project under process 2020

Title of Project: Red Go Green: An Awareness Campaign to Share Waste Reduction Behavior and Menstrual Hygiene Management Among Young Females.

Research Consortium: Local Collaborative Research Partners (SZABIST and Air University)

Participation: Part of Training for Trainers

Selected Publications

- Rasool .I (2019).Optimizing the employee engagement through internal marketing. City University Research Journal. Volume 09 Number SE FEB 2019 PP 67-73.
- Rasool. I (2019). Micro Corporate Social Responsibility: A Person-Centric Approach for Meeting the Grand Challenges. Journal of research in Social Sciences. Vol 7(2).
- Rasool. I (2019). Development and validation of corporate humane sustainability. Pakistan Business Review.Vol21 (2).
- Rasool .I (2017) Impact of Employee's Behavior on Corporate Social Responsibility Activities of Service Organizations: A Mediating Role of CSR Pursuance Motivation. Journal of Managerial Sciences1Vol XI (3).
- Rasool .I (2017). The impact of perceived internal corporate social responsibility on organizational citizenship behavior: A micro-centric perspective analysis. Business and Economic Review. Vol 9(1)

Dr. Mehboob Ahmad
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Academic Profile



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Short Biography

Dr. Mehboob Ahmad is currently working as Professor, Management Sciences and Program Manager, PhD (MS) program at SZABIST Islamabad. Dr. Ahmad is a HEC approved PhD supervisor.

He graduated with honors in Economics from University of Northumbria, New Castle, England and got his MSC in Agricultural Marketing from University of Wales, UK. He earned PHD in Economics from BZU Multan, Pakistan.

He has published 90+ research papers in national and international journals of repute including impact factor journals. He has 700+ citations and 30+ impact factor. He has authored a book on Applied Econometrics as well as edited 2 books on Economics and Seerat un Nabi.

Prior to joining SZABIST, he has worked in Bahria University Islamabad, Foundation University Islamabad, Allama Iqbal University Islamabad and International Islamic University Islamabad.

Research Interests

Dr. Ahmad has interests in a number of areas including Culture, Ethics, Development Economics, Public Sector Economics, Finance, Income & Wealth Distribution, Marketing, Islamic Economics, History of Economics Thought and Financial Intuitions & Markets.

Completed and Ongoing Projects

Secured 2 projects from HEC but returned the same due to problems related to data.

Selected Publications

- Impact of Work-Life Conflict and Work Over Load on Employee Performance in Banking Sector of Pakistan, Middle East Journal of Scientific Research, Vol. 14, Issue 5(2013), p688-95
- Factors Determining Energy Consumption: Evidence from Indonesia, Malaysia and Thailand, Renewable and Sustainable Energy Reviews 42 (2015) 1123-1131
- Micro finance fueled by foreign funding in Pakistan, Afro-Asian Journal of Finance and Accounting
- Energy-water-food Nexus under Financial Constraints Environment: Good, bad and the ugly sustainability reforms in sub-Saharan African Countries Environmental Science and Pollution Research 2017.
- Economic Freedom Indicators and Higher Education Reforms: Evaluation and Planning Internationalization Process, International Journal of Economics and Financial issues, 2017, 7(3), 152-160.

Dr. Muhammad Shafiq
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Academic Profile



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Short Biography

Dr. Muhammad Shafiq, with 15 years of corporate and academia experience, has completed his PhD Technology Management and Business from University Tun Hussein Onn Malaysia. He is currently working as an Assistant Professor Management Sciences in 'Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology', Islamabad, Pakistan. He is Mphil Leadership & management, and MSc Telecommunications. He is a multidisciplinary researcher. He has been Co-Editor for the prestigious 'The Ravi' magazine for GCU, Lahore, and editor for 'The Gandhara' Magazine for F.G College Wah Cantt. He has also got award in a national level competition. Dr. Shafiq loves reading books, travelling, writing, counseling and above all, teaching.

He started his full time professional career in March 2005 from Siemens Telenor program in Karachi in program management team, working with the professionals of 40 countries under a roof. He was part of the merger of Siemens and Nokia, resulting in Nokia Siemens Networks. He has been part of project management, quality assurance and supply chain management teams in Karachi, Multan and Islamabad. He also served and taught in educational institutes abroad and in Pakistan. He got scholarship for his PhD in Malaysia. He has published some research papers, and is involved in editorial services for a few journals. He also have participated in different international conferences as paper presenter, session chair and judge. He also writes in newspapers.

Research Interests

Dr. Shafiq is a multidisciplinary researcher, having interest in Entrepreneurship, Strategic Management, Innovation, Leadership and Operations/Technology/Project management. He has been part of the telecom revolution in Pakistan and was involved in the deployment of the biggest FDIs in the telecom sector of Pakistan in 2005, being an active part of the program management and supply chain management teams in the Siemens and Nokia Siemens networks. His participation in the Siemens and Nokia merger in COMMN division raised his interests in the fields of strategy and innovation. Later, he was part of the Blue ocean strategy and innovation performance research project during his PhD. And also participated in a Rapid rail quality assurance team in Malaysia. He is in the editorial board of ASIA society and different journals. He also has participated in different international conferences as paper presenter, session chair and judge.

Completed and Ongoing Projects

- Blue Ocean Strategy and Innovation in Government Linked Companies of Malaysia, a \$10000 project. As co-investigator.
- Worked as a Project Manager and in Project Management Services team member in Telenor deployment program.

Selected Publications

- Shafiq, M., Tasmin, R., Qureshi, M. I.(2019), A developed framework of Mediating role of Inbound Innovation strategy between BOS and Innovation Performance, International Journal of Engineering and Advanced Technology, 8(5C), 1382-1389
- Shafiq, M., Tasmin, R., Qureshi, M. I., & Rashid, M. (2018), Mediating Role of Innovation Strategy between the Relationship of Blue Ocean Strategy and Innovation Performance, International Journal of Engineering and Technology 7(2.29)
- Shafiq, M., Rosmaini, T., & Mehwish, R. (2017). Mediating Role of Innovation Strategy between Porter's Red Ocean Strategy and Innovative Performance. Advanced Science Letters, 23(9), 9239- 9242
- Shafiq, M., Tasmin, R., Takala, J., Qureshi, M. I., & Rashid, M. (2017). Relationship of Blue Ocean Strategy and Innovation Performance, an Empirical Study. City University Research Journal, Special Issue AIC, pp 74-80
- Shafiq M & Qureshi M,I(2014), Quadruple Culture Type Approaches Impacting Employees Attributes, Journal of management Info, 2(1), 3-40

Dr. Amir Zaib Abbasi
Department of Management Sciences
SZABIST, Islamabad

Academic Profile



Name: Dr. Amir Zaib Abbasi

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Short Biography (Maximum 300 words)

Having just recently completed my PhD in late 2017, I am currently working as an Assistant Professor of Marketing in a reputable University in Pakistan. I aim to contribute to the field of research in the domain of Human-Computer Interaction, Marketing, and Consumer Behavior with the broader scope to investigate the benefits to society and provide practical industry guidance. I wish to contribute scholarly teaching in Marketing related subjects and Human-Computer Interaction, especially the interaction science that involves to understand the cognitive and behavior of system users and the organizational and social impacts of that consumption. Besides, I wish to utilize my supervision experiences for your university's undergraduate and postgraduate students.

Research Interests (Specify your research domains briefly)

Marketing, Media, Playful-Consumption Experience of videogame play, Consumer Videogame Engagement, Personality Differences in videogame playing, Observational Learning in videogames, Videogame-based Learning Measuring Consumption Behaviors of gamers, Customer Inspiration, Adverstising, Videogame addiction.

Completed and Ongoing Projects

The following funded projects have been completed:

- i. Developing a Scale to Measure Videogame-Related Playful-Consumption Experience in Videogame Playing: A Holistic View
- ii. Personality Differences between Videogame Consumers vs. Non-Videogame Consumers Using the HEXACO Model

Selected Publications

1. Isha, A. S. N., Javaid, M. U., Zaib Abbasi, A., Bano, S., Zahid, M., Memon, M. A., & Imtiaz, N. (2020). Malay Validation of Copenhagen Psychosocial Work Environment Questionnaire in Context of Second Generation Statistical Techniques. *BioMed Research International*, 2020 (JCR, Impact Factor 2.197).
2. Amir Zaib Abbasi, Ting Ding Hooi, Hlavacs, H., & Muhammad Shahzeb Fayyaz (2019). Playful-Consumption Experience and Consumer Videogame Engagement in the lens of S-R Model: An Empirical Study. In **First International Conference, HCI-Games 2019, Held as Part of the 21st HCI International Conference, HCII 2019, Orlando, FL, USA, July 26–31, 2019, Proceedings. Lecture Notes in Computer Science, vol 11595. Springer, Cham (Indexed in the ISI Conference Proceedings Citation Index, Scopus, EI Engineering Index, Google Scholar, DBLP, etc.)**
3. Amir Zaib Abbasi, Ding Hooi Ting, Helmut Hlavacs, Liliana Vale Costa, Ana Isabel Veloso, An Empirical Validation Of Consumer Video Game Engagement: A Playful-Consumption Experience Approach, **Entertainment Computing, Volume 29, 2019, Pages 43-55, ISSN 1875-9521, (JCR, Impact Factor 1.297)**
4. Hooi Ting, D., Chuan Gan, C., Zaib Abbasi, A., & Ahmed, S. (2018). Indigenous Trust and Readiness Towards Development. *ACR North American Advances (Ranked B in ABDC listing, Ranked 2 in ABS Listing)*.
5. Ashfaq, M., Jiang, Y., Waheed, A., & Abbasi, A. Z. (2018). Buying Luxury Brands Online: The effect of moneyback guarantee on perceived risk and purchase intention. *International Journal of Marketing, Communication and New Media*, (4). (Listed in Clarivate Master Journal List as ECSI)

Dr. Mobeen Ur Rehman
Department of Management Sciences
SZABIST - Islamabad

Academic Profile



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Short Biography

Dr. Mobeen Ur Rehman is working as Associate Professor in SZABIST Islamabad. He earned his PhD in 2018 from SZABIST Islamabad with specialization in Finance. Prior to that, he got his MS and MBA degrees both with majors in Finance from SZABIST (2011) and COMSATS University (2007), respectively. Dr. Mobeen Ur Rehman has 12 years of experience relevant to his education, including 5 years in corporate banking sector and 7 years in academia. He is also acting as Secretary Research Committee, Head of Finance Research Center and member of departmental Ethical Review Committee. Dr. Mobeen Ur Rehman is also an HEC approved research supervisor.

Research Interests

His area of interests includes Financial Economics, Financial Econometrics, Time series Analysis and Behavioral Finance. He has many research publications in Impact Factor, ISI Indexed and HEC recognized journals. Dr. Mobeen Ur Rehman is also serving in the editorial board of many reputed international and local journals.

Completed and Ongoing Projects

Selected Publications

- Rehman, M. U. & Apergis, N., (2018). Determining the Predictive Power between Cryptocurrencies and Real Time Commodity Futures: Evidence from Quantile Causality Tests. *Resources Policy*, 61, 603-616. [Impact Factor 2.695]
- Apergis, N., & Rehman, M. U. (2018). Is CAPM a Behavioral Model? Estimating Sentiments from Rationalism. *Journal of Behavioral Finance*, 19(4), 442-449. [Impact Factor 0.722]
- Rehman, M. U. (2018). Do oil shocks predict economic policy uncertainty? *Physica A: Statistical Mechanics and its Applications*, 498, 123-136. [Impact Factor 2.132]
- Rehman, M. U., & Rashid, M. (2017). Energy consumption to environmental degradation, the growth appetite in SAARC nations. *Renewable Energy*, 111, 284-294. [Impact Factor 4.900]
- Narayan, S., & Rehman, M. U. (2017). Diversification Opportunities between Emerging and Frontier Asian (EFA) and Developed Stock Markets. *Finance Research Letter*, 23, 223-232. [Impact Factor 1.085]

Dr. Abdur Rashid
Department of Social Sciences
SZABIST, Islamabad

Academic Profile



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Short Biography

Dr. Abdur Rashid PhD (Clinical Psychology) served in Pakistan Army as a Professional Psychologist for thirty years. During service remained HOD Behavioral Sciences/ Cadet Advisory Cell at Pakistan Military Academy, Senior Psychologist ISSB and Deputy Chief Psychologist at GHQ FOR five years. After retirement in 2014 joined Foundation University Islamabad and remained HOD Psychology. I was adjunct faculty member in University of Gujrat, NUML and International Islamic University Islamabad till joining SZABIST Feb 2019. As a professional having diverse experience of dealing with Personality Disorders, Psychological Disorders, Adjustment Disorders and many more over a period of 20 years. My special area of interest is Psycho diagnosis and Psychotherapeutic Interventions. Master Trainer in (Psychotherapeutic Interventions) and (Use of Projective Techniques in Clinical Settings). Apart from teaching at SZABIST established a set-up of consultation for students and employees. Most often conducts seminars for faculty members on the student behavioral issues on required basis.

Research Interests

Deputy Director Psychological Research Cell Pakistan Army at GHQ, actively involved in Test Development (Intelligence, Personality, Aptitude & Achievement), Training, Human Resource Development, Personality Assessment, selection of personnel.

- Development Aptitude Test.
- Development/adaptation of various personality tests both projective and objective inventories for different types of selection/recruitment.
- Following categories of personality tests are regularly developed, improved and standardized
- SCT (Sentence Completion Test), WAT (Word Association Test) TAT (Adapted Version).

Completed and Ongoing Projects

Selected Publications

- “Fighting asymmetric warfare in Pakistani scenario! Psychological perspective”, Journal of Psychology and Clinical Psychiatry volume-9 Issue-3 2018
- “Role of Positive Psychology in Military Life”. Pakistan Army Green Book 2012. Registered with International Bibliographic Data Section Paris (ISSN 2303-9973) HEC category “Z”.
- Most of the research/ test development is published but not for public consumption due to (confidentiality).

Dr. Syed Adnan Ali Shah Bukhari

Department of Social Sciences

SZABIST Islamabad

Academic Profile



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Short Biography

Dr. Bukhari is currently working as an Assistant Professor at the Department of Social Sciences at SZABIST-Islamabad. He earned his PhD in International Relations from the S. Rajaratnam School of International Studies (RSIS), Nanyang Technological University (NTU), Singapore. Dr. Bukhari carries rich experience of working in academia, journalism and social-development sector. He served as an Associate Research Fellow and Team Leader of South and Central Asia Desk at the International Centre for Political Violence and Terrorism Research at the RSIS. He also remained associated with the Geneva Centre for Training and Analysis of Terrorism (GCTAT) in Switzerland. He was a Visiting Researcher at the Fudan University in Shanghai. His national experience include, working as a journalist with The Frontier Post and Khyber Mail International. He worked as a Research Fellow at the Institute of Strategic Studies Islamabad (ISSI), and as a Senior Consultant with Islamabad Policy Research Institute (IPRI). Dr Bukhari has also worked at the FATA Research Centre (FRC) Islamabad as Director Research, where he executed projects on FATA region with several international donor agencies. He also served as a Consultant with the UNDP. Dr. Bukhari has attended numerous international conferences as a paper-reader and published widely in academic journals, local and international newspapers, and regularly contributes to Jamestown Foundation, Washington DC, USA. Apart from research, Bukhari has served as a Master Trainer in various capacity building workshops organized for law enforcement and security agencies in Singapore, Pakistan and Bangladesh.

Research Interests

Dr Bukhari has a keen interest in Security Studies. He has specialized in asymmetric threats such as terrorism, extremism, insurgency and irregular warfare in the Asia Pacific, and wrote his doctoral dissertation on the Talibanization of the Af-Pak region. He has been a Master Trainer at various counter-terrorism workshops at Singapore and other countries. His other research interests include, studying the internal and external dynamics of South and Central Asia, especially the Af-Pak region, Russia and Central Asia. While working with

the UNDP and other donor agencies, Dr Bukhari documented the Rewaj of FATA Tribes and undertook extensive perception surveys. Other projects with international donors focused on various aspects of post-conflict reconstruction of the erstwhile FATA region. Dr Bukhari also indulges in the study of religion, ethnography and anthropologic aspects of the tribal societies of South Asia and West Asia.

Completed and Ongoing Projects

- Research Award Title: “Strengthening the Traditional Institutions to Build Community Resilience Against Violent Extremism: A Case Study of Khyber Pakhtunkhwa Tribal Districts (KPTDs)”, Research Award by SDPI-Creative Learning USA; Amount: PKR950,000; March 2020-February 2021
- Proposal Bid Submitted to EU, entitled: “Corporate Social Innovation for Integration”; Date of Submission: 20 March 2020; Participants: Consortium of 13 Professors from four EU countries and Pakistan: Total Amount: EURO 3.2 million (Ongoing)
- Project Title: “Governance Reforms in FATA: A Peoples Perspective”; German Federal Foreign Office, Berlin; Amount EURO 179,000 (Completed)
- Project Title: Documentation of Rewaj, Customs and Practices in the Federally Administered Tribal Areas (FATA) of Pakistan; UNDP, USD 30,000 (Completed)
- Project Title: FATA Context Analysis; DFID-Coffey International; Amount GBP 4,000 (Completed)

Selected Publications

- “Governance Reforms in FATA: A Peoples Perspective”, FATA Research Centre, Islamabad, 2017
- “Bottlenecks in FATA’s Mainstreaming” Development Advocate Pakistan (DAP), Vol. 4, Issue 2, June 2017,
- “Chapter 2: Militant Organisations in Pakistan” in Pakistan – Consequences of Deteriorating Security in Afghanistan (Edited by Krintina Zetterlund), Swedish Defence Research Agency (FOI), Sweden, February 2009
- “Making Money in Mayhem: Funding the Taliban Insurrection in Pakistan’s Tribal Areas”, Studies in Conflict and Terrorism Journal, Volume 32, Issue 2, January-February 2009
- “Making Peace With Pakistani Taliban to Isolate Al Qaeda: Successes and Failures”, Peace and Security Review Journal, Vol. 1, Number 2, Second Quarter 2008

Prof. Dr. Muhammad Farooq Solangi

Department of Social Sciences

SZABIST, Islamabad

Academic Profile



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Short Biography

Professor Dr. Muhammad Farooq Solangi is a Pakistani Historian. His area of interest is history, International Relation, Political Sciences and Islam in South Asia. 1. History: An account of Economic, Cultural, Social, Political and Military matters, Events, their origin and progress of the nations of South Asia. 2. International Relations: Foreign Policy and International Organizations. 3. Political Science: The management of Political Parties, their organization and science of Government. He served as Resource Person on "Teacher's Training" organized by the AIOU and Federal Ministry of Education, Islamabad, Pakistan. He served as a Member on the Revision of Curricula for class VI-XVI of National Committee nominated by the University Grants Commission and Federal Ministry of Education, Islamabad, Pakistan (September 29 to October 1, 1984). He participated in more than fifty National and International Seminars.

Research Interests

- HISTORY: An account of Economic, Cultural, Social, Political Religious and Military matters/events, their Origin and Progress of the nations of South Asia.
- INTERNATIONAL RELATIONS: Foreign Policy and International Organizations.
- POLITICAL SCIENCE: The Management of Political Parties their Organization and the Science of Government.

Completed and Ongoing Projects

Nil

Selected Publications)

- “Adaptation of Multi-media Technologies in Distance Education”, Pakistan Journal Distance Education, 13 (1&2) 1996
- “Social Scientist’s Views on Development Process in North-East India Till 1970”. Journal of Social Sciences and Humanities, Volume 2 (1&2) Islamabad, 1996
- “Understanding Factors of Crime: A social scientists view”, Journal of Social Sciences & Humanities, Volume 1 (2), Autumn 1995
- “British Government” Practical Policies and its impact on the Muslims of the Sub-continent”, Journal of Social Sciences & Humanities, Volume1, Spring 1995
- “National Integration: Acculturation, Ethnicity and Cultural Pluralism in Pakistan”, Journal of Central Asia, Islamabad 15 (2) December, 1992

Dr. Muhammad Arshad
Department of Social Sciences
SZABIST, Islamabad

Academic Profile



Name: Dr. Muhammad Arshad

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Short Biography

Dr. Arshad is working as Assistant Professor in the Department of Social Sciences, SZABIST, Islamabad. He has done his Masters in Master of Public Policy (MPP) with Magna Cum Laude and Ph. D (Development Policy) both from KDI School of Public Policy and Management, Seoul, South Korea. He has been teaching in various national and international universities and was ranked- 9th out of 74 Professors in KDI School of Public Policy and Management, Seoul, South Korea. He also has vast professional experience in Economic Affairs Division, Ministry of Finance, Government of Pakistan. He received several awards from KDI School of Public Policy and Management i.e. Academic Excellence Award, Outstanding Thesis Award and Active Participant Award. He was also awarded Best Teacher Award in International Islamic University in 2011. He achieved Global Ambassador Fellowship, Korean Government, from 2012 to 2014 and KOICA Fellowship, Korean International Cooperation Agency, Korea, in 2006.

Research Interests

- Economic Growth
- Public Policy

Completed and Ongoing Projects

N/A

Selected Publications

- “Fiscal Decentralization and Economic Growth in Pakistan: An ARDL Approach,” with Younguck Kang, *International Journal of Policy Studies*, 3(1), July 2012, 33-43
- Works in Progress:
- “Political Regime and Economic Development: An Empirical Investigation for Pakistan” “Factor Influencing the Regime Change: A Case for Pakistan”
- “Long – Run Sources of Economic Growth: A Regime-wise Analysis for Pakistan”

Dr. Syed Aziz Rasool
Department of Social Sciences
SZABIST, Islamabad

Academic Profile



Name: Dr. Syed Aziz Rasool

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Short Biography

Presently working as Assistant Professor (Economics) at Department of Social Sciences SZABIST. Dr. Rasool has a Masters in Economics & Finance from International Islamic University, Islamabad which he did in 2007. After completing the Masters of Philosophy in Economics from PMAS- Arid Agriculture University, Rawalpindi in 2012 he joined Federal Urdu University of Arts, Science and Technology (FUUAST), Islamabad for PhD during his PhD he was awarded scholarship by Higher Education Commission (HEC) under International Research Support Initiative Programme (IRSIP) to spend research period at Vrije Universiteit Brussel (VUB) with Professor Dr. Lieven DE MOOR. Dr. Rasool joined National University of Modern Languages (NUML), Islamabad in January 2015..Dr. Rasool has 10 papers published in peer reviewed international journals, presented in national and international conferences, in addition to holding merit scholarships. Dr. Rasool is Editor of many Journals. He has been engaged with teaching at various reputed Universities e.g. Quaid-i-Azam University, International Islamic University, Bahria University and FUUAST.

Research Interests

Dr. Rasool has worked on the empirical Asset Pricing Models and Financial Economics. He has also done financial modeling using Eviews software for Fama-MacBeth Regression. Dr. Rasool's work focused on empirical validation of Capital Asset Pricing Model (CAPM) .His work involved financial modeling and simulations for stock markets

and stocks. returns. He is engaged in Applied Economics research from 10 years. Dr. Rasool also worked on efficiency measurement of homogeneous decision making units by Data Envelopment Analysis (DEA). Precisely his research interests are in the domain of Financial Economics, Financial Mathematics, Empirical Asset Pricing Models, CAPM, Development Economics, Microeconomics and Applied Econometrics.

Completed and Ongoing Projects

Dr. Rasool has completed a project with Professor Dr. Lieven DE MOOR, VUB, Belgium. This was an official agreed research work between FUUAST and VUB. Currently, Dr. Rasool is engaged in finalizing a project with some Chinese Professors in the field of Sustainable Development.

Selected Publications

- S.A.Rasool, A.K.Kiani, Noor Jehan (2018). "The Myth of Downside Risk Based Capital Asset Pricing Model: Empirical Evidence from South Asian Countries". Global Social Sciences Review (GSSR) p-ISSN 2520-0348, e-ISSN 2616-793X Vol. III, No. III (Summer 2018) Page: 339 – 354.
- S.A.Rasool, A.K.Kiani (2018). "Stock Returns Prediction By Using Artificial Neural Network Model For Pakistan Stock Exchange." Sarhad Journal of Management Sciences (SJMS). Vol. 4, Issue 2 ISSN 2414-2336 (Print), ISSN 2523-2525 (Online). Page: 192-204.
- M.Raashid, S.A. Rasool, Muhammad Usman Raja (2015). "Investigation of Profitability of Banking Sector: Empirical Evidence from Pakistan". Journal of Finance and Bank Management, vol/issue 3(1),pp 139- 155,2015. <http://jfbmnet.com/vol-3-no-1-june-2015-abstract-13-jfbm>
- S.A.Rasool, and Ayesha Zaman (2015) "Impact of Workers' Remittances on Poverty in Pakistan: A Time Series Analysis by Ardl." World Academy of Science, Engineering and Technology International Journal of Humanities and Social Sciences Vol:9, No:10, 2015.
- <http://waset.org/pdf/books/?id=36982>

- S.A.Rasool,et. al. (2014) "Measuring efficiency of hospitals by DEA: An empirical evidence from Pakistan." International Journal of Public Health Sciences (IJPHS), vol/issue: 3(2), pp. 129- 136, 2014.
- <http://www.iaesjournal.com/online/index.php/IJPHS/article/view/6091>

DR. SYEDA RAZIA BUKHARI
Department of Social Sciences
SZABIST Islamabad

Academic Profile



Name: DR. SYEDA RAZIA BUKHARI

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Short Biography

Dr. Syeda Razia Bukhari has completed PhD in Clinical Psychology Institute of Clinical Psychology, University of Karachi, Pakistan. She is currently an Assistant Professor and Student Counselor department of Social Sciences at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Islamabad, Pakistan. She has joined SZABIST-ISB August 2019. She is here since last 7 months. After completing PhD. she has joined National Institute of Psychology Quaid-e-Azam University Islamabad as an assistant professor and student counselor March 2016. She has established a Counseling Centre over there and provided psycho diagnostic counseling and psychotherapy services to students of National Institute of Psychology, Quaid-e-Azam University and other public and private sector universities. All other public and private sector individual also took benefit from her services. She is providing Evidence base CBT to public and private sector individuals.

Her research interests include Mental Health, health psychology, child-clinical psychology and social-emotional development. She to use research to understand and assess psychological and behavioral disorders and problems, and to develop effective treatment methods for alleviating the effects of such disorders and problems in regard to clients and patients. She has published number of case studies in national and international journals

Research Interests

She is a HEC Approved PhD Supervisor. Currently she is researching the stigma of mental illness and caregiver burden of caregiver of patient suffering with psychiatric disorders. She has published her researches in national and international journals and in national and international conference proceedings, and she has served as reviewer for a number of premier journals such as RMJ, PJMR, PJP & PJCP. She has around 20 research publications in a national and international journal of repute. Recently her 2 more research papers has been accepted for publication a nation and an international journal of repute.

Apart from it, she has been facilitating various training programs and workshops at national level. Since starting of her job up till now she has attended many international and national conferences has presented research papers in these conferences and conducted workshop in national conferences and preconference workshops in

Dr. Taraq Waheed
Head of Social Sciences
SZABIST Islamabad

Academic Profile



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Short Biography

Presently working as Head of Department of Social Science at SZABIST, Islamabad with multidimensional National and International Exposure and experience in Administration and Academic with an educational background of PhD in Political Science and various professional courses on diplomacy and international relations from NDU Washington; Clingendael Institute Hague; IPPA Paris.

Visited Principal capitals of the World and attended conferences and seminars at foreign Universities including Columbia, Harvard and Fletcher School of diplomacy & International Law.

Accomplishment:

FMR Director

Foreign Service Academy

PROMOTED Goodwill for Pakistan by training over thousand foreign diplomats from hundred countries including People's Republic of China now holding important diplomatic positions around the World.

Besides, from supervision of Mphil/PhD students at SZABIST, Also holds position of advisory board member of "Firm of Research, Policy and Development – FRPD, Pakistan.

Research Interests

I have worked in multi dimensions in social science especially in my specialization area i.e. Political science and International relations and have trained over thousand of foreign diplomats from hundred countries across the globe including People's Republic of China, Central Asian Republics, and the whole of the continent of Africa.

Most recent research area on which mostly I spend my time is the need of today i.e. socio economics and environmental challenges including SDG's. Thus my recent research work is on "Role of remittances on economy of Pakistan: Analysis of the current status and guidelines for reforms.

Since I along with my colleagues observed that remittances play a key role in economy of Pakistan and mostly our GDP depends on foreign remittances. However, when we see so, this factor is almost ignored and there is no reforms for overseas especially when they come back to their homeland.

Before this we have worked on a mini project of CPEC on subject of "Dimensions of relationship that effect business success between Pakistan and China" The paper is accepted in " In traders, University of Sakarya, Turkey.

In joint collaboration with one of my close colleagues, Mr. Shakeel Shahzad, worked on "Performance of Insurance companies in Pakistan: An application of Panel data approach. We work together on stock exchange and effect of current phenomena COVID-19 socially, politically and economically.

Together, with collaboration of Mr. Shahzad we work on video lectures of econometrics models, Time series Models (AR, MA, ARMA, ARIMA, SAR, SMA, SARMA, SARIMA, ARDL and Co-integrations), Panel data models (Pooled OLS, Random effect, Fixed Effect, IVLS, FGLS, PCSE and GMM), Dichotomous Models or in other words Choice Models i.e. (LPM, Probit, Logit, Tobit, Possion, ZIP and Negative Binomial, Zero Inflated Negative Binomial).

The main vision of above videos of models are to make easy the quantitative research for the students of SZABIST and others Pakistani with a special focus on statistical and econometric software's i.e. STATA, Oxmatrix and NCSS.

Completed and Ongoing Projects

Selected Publications

international conference. Further, she is a Consultant Clinical Psychologist, Psychometrist & CBT Specialist, Expert in School, Career, Parental, Marital & Couple Counseling She has around 10 years clinical experience to apply psychological principles to the assessment and alleviation of psychological, emotional, psycho physiological, psychiatric and behavior disorders in individuals, families, groups and communities. Provide services to clients of all ages to prevent disorder and/or to improve the adaptation, adjustment, personal development and satisfaction of individuals, families or groups. AREAS OF EXPERTISE Research (qualitative & quantitative) Diagnosis Psycho diagnostic Assessment IQ Assessment Personality Assessment Treatment Behavior Therapy Client Centered Therapy Cognitive Behavior Therapy Reality Therapy Play & Art Therapy Hypnosis Relational Emotive Behavior Therapy Psychodynamic therapy Family, marital & Sex therapy Group Therapy Parental counseling Career Counseling etc. Furthermore, she is also expert in Forensic assessment, counseling & investigation.

Completed and Ongoing Projects

N/A

Selected Publications

- Bukhari, S.R., et al. (2020). Perceived Organizational Support Predicts Emotional Labor Among Nurses. Asian Social Science; Vol. 16, No. 2; Published by Canadian Center of Science and Education.
- Bukhari, S.R.(2019). Internalized Stigma, Quality of Life and Self Esteem in Chronic Schizophrenic Patients. Pakistan Journal of Medical Research. 58(1)Page 13-16
- Bukhari,S.R., Rashid, A., & Ali, F. (2017). Aggression and gender difference among university students. Rawal Medical Journal 42(4) Pages 511-513
- Bukhari, S. R., & Khanam S.J.(2017). Academic performance and well-being among university students. Pakistan Journal of Medical Research. 56(4) Pages 126-130
- Bukhari, S. R., & Saba, F. (2017). Depression anxiety and stress as negative predictor of life satisfaction in university students. Rawal Medical Journal42(2)255-257

Dr. Wajid Hussain,
Department of Social Sciences
SZABIST, Islamabad

Academic Profile



Name: Dr. Wajid Hussain

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Short Biography

Dr. Wajid Hussain is working as an Assistant Professor in the department of Social Sciences at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST), Islamabad. He completed his PhD in English Literature from National University of Modern Languages (NUML), Islamabad, in 2019. His comparative research explores Karl Marx's notion of social and historical dialectic from a poststructuralist linguistic view in the selected South Asian Indian and African American fiction. Dr. Wajid's teaching areas include literature, linguistics, and philosophy. Besides, he trains students in communication skills, Academic English, and research language. His research focuses on comparative literature, classical and modern philosophy, critical theory, postcolonial studies, poststructuralism, postmodernism, discourse studies, and critical discourse studies.

In addition to research articles, his works have also appeared in The Express Tribune, The Jang, and The Nawa-i-Waqt.

Research Interests

Dr. Wajid Hussain's PhD dissertation titled "Dialectical Materialism and Discourse: A Comparative Study of Aravind Adiga and Claude Brown" explores Karl Marx's notion of social and historical dialectic from a poststructuralist linguistic view in the selected South Asian Indian and African American fiction. His research articles also apply the interdisciplinary methodological paradigm for critiquing literary texts. The approach majorly involves post-structuralism and critical discourse analysis with a particular focus on socio-cognitive model such as the one suggested by Teun A. van Dijk. With this interdisciplinary approach, his publications analyse literature from Marxist, eco-critical and cosmopolitanist perspectives. Largely, his research focuses on comparative literature, classical and modern philosophy, critical theory, postcolonial studies, poststructuralism, postmodernism, discourse studies, and critical discourse studies.

Dr. Wajid's newspapers articles also discuss literary, social, cultural and political issues, especially with a solution-oriented approach. He mainly writes for The Express Tribune.

Completed and Ongoing Projects

Selected Publications

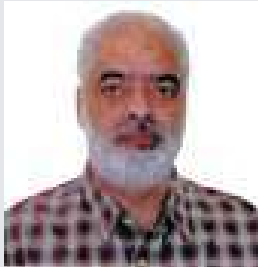
- Hussain, W., & Azam, K. S. (2019). The dialectic of dialectical materialism and discourse: A scrutiny of Aravind Adiga's *The White Tiger*. *International Journal of English Linguistics*; Vol. 9, No. 2; 2019 ISSN 1923-869X E-ISSN 1923-8703 Published by Canadian Center of Science and Education, 394-401.
- Mughal, Q., & Hussain, W. (2019). Deconstructing the discursive construction of environmental colonialism in native America: A study of Leslie Marmon Silko's *Ceremony* and *Almanac of the Dead*. *International Journal of English Linguistics*; Vol. 9, No. 3; 2019 ISSN 1923-869X E-ISSN 1923-8703 Published by Canadian Center of Science and Education, 365-372.
- Ullah, Z., Hussain, W., & Ullah, A. (Sep 2019). Ascertaining the discursive construction of the cosmopolitan identity: An analysis of Bharati Mukherjee's *Jasmine*. *International Journal of English Linguistics*; Vol. 9, No. 5; 2019 ISSN 1923-869X E-ISSN 1923-8703 Canadian Center of Science and Education, 292-299.
- Newspaper Articles
- Hussain, W. (2019, December 30). New year: res-illusions and re-solutions. *The Express Tribune*, p. 16.
- Hussain, W. (2019, November 09). Iqbal's deconstruction of the obscurantist truth. *The Express Tribune*, p. 17.

Muhammad Daniel Saeed Pirzada

Department of Mechatronics

SZABIST Islamabad

Academic Profile



Name: Muhammad Daniel Saeed Pirzada

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Short Biography

Muhammad Daniel Saeed Pirzada earned his Ph.D. in Mechanical Engineering in 2006 from Washington State University, USA. He joined SZABIST in September 2015 as associate professor. Prior to joining SZABIST, he taught engineering and engineering management courses at and mathematics courses at the Washington State University, PIEAS, and CASE, Islamabad. His research and interests include energy planning, project management, quality management, and supply chain management. He won Teaching Excellence Award from Washington State University, Pullman, USA (2006, 2007). He won Gold Medal from University of the Punjab (1976) and Pakistan Nuclear Society (1998).

Research Interests

- Quality Management
- Operations Management
- Advanced Manufacturing Systems
- Advanced Project Management
- Project Change and Risk Management
- Supply Chain management

Completed and Ongoing Projects

Selected Publications

- Hayat,F., M.D. S. Pirzada, A. A. Khanb, “The validation of Granger causality through formulation and use of finance growth-energy indexes”, Renewable and Sustainable Energy Reviews, Volume 81, Part 2, January 2018, Pages 1859-1867.
- D. Pirzada, G. J. Cheng, D. Field, “Effect of Film Thickness and Laser Energy Density on The Structural Characteristics of Laser-Annealed Polycrystalline Gallium Arsenide Films”, Journal of Applied Physics, (USA), 102, 013519. (2007).
- Ahmad, Yasir, and Danial Saeed Pirzada. “Using Analytic Hierarchy Process for Exploring Prioritization of Functional Strategies in Auto Parts Manufacturing SMEs of Pakistan.” SAGE Open 4, No. 4 (2014).
- G.J. Cheng, D. Pirzada, “Structural Characterizations on Microscale Laser Dynamic Forming of Metal Foil”, Journal of Applied Physics, (USA), Vol.101 (6), 063108, (2007).
- J. Cheng, D. Pirzada, and P. Dutta, “Design and Fabrication of Hybrid Nanofluidic Channel”, J. of Microlithography, Microfabrication and Microsystems (USA), Vol. 4(1), 013009, (2005).

Dr. Wajid Zulqarnain
Head of Media Sciences
SZABIST - Islamabad

Academic Profile



Name: Dr. Wajid Zulqarnain

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Short Biography

Dr. Wajid Zulqarnain has done his doctorate in Mass Communication and now serving in the field of education and heading SZABIST Media Sciences from last 10 years. He is very much passionate for research in the new prospects of media and journalism.

His commitment to the field of media and communication is evident by my diverse journalism and media experiences and linked with the field from last 18 years; moreover, he has been associated with Pakistan's renowned and leading news channels like GEO TV and Dunya TV on senior positions. In accomplishment of his roles as producer news and reporter he has been deeply involved in news production, reporting and successful broadcasting of different programs. During his news and journalism career he has worked on challenging beats like politics, crime and social issues of society. These experiences also range from teaching journalism courses to number of students of graduate, postgraduate and doctorate level.

Research Interests

New media and society, digital journalism, media work and online cultural production, media effects, media and human development, media reliance, film production and documentary, risk communication, management and policy, new research methods.

Completed and Ongoing Projects

- Won 14 Million Grant from HEC Technology development fund on Showcasing R&D efforts in Pakistan with special reference to positive image building of the Higher Education Institutions
- Chairman HEC Online programs broadcast from SZABIST Media Sciences Studios
- Imagine Cup – Microsoft (2019)
- Conference convener and focal person for the 1st International Media Conference 2019
- Lead trainer for 2 days training on Digital Journalism for senior journalists of Pakistan (2019) with Water Aid Pakistan.
- Imagine Cup – Microsoft (2020) Ongoing

Selected Publications

- Enhancing the Economic Potential of Indigenous People in the Jababeka Industrial Area through Corporate Social Responsibility, Ulani Yunus, Tri Adi Sumbogo, Gayes Mahestu and Wajid Zulqarnain, Pertanika Journal Of Social Sciences & Humanity, indexed in SCOPUS (Elsevier), Clarivate-Emerging Sources Citation Index (WoS), Google Scholar, Microsoft Academic, MyCite, EBSCO, National Agricultural Library, Asean Citation Index and ISC.IV volume 28 (S1) 2020.
- Individual perception about the credibility of Social and Traditional Media in Pakistan by Wajid Zulqarnain and Dr. Taimur-ul- Hassan, published in Strategic studies, Vol Number 36, Winter Issue
- Antecedents of Job Satisfaction in Pakistani Media Organization by Wajid Zulqarnain and Dr. Taimur-ul- Hassan published in Global Media Journal VOL-IX, Spring 2016
- Social and Traditional Media Usage: a demographic analysis of Pakistani youth by Wajid Zulqarnain and Dr. Taimur-ul- Hassan published in Global Media Journal VOL-X, Fall 2017
- Islamophobia and Muslim Comedians in America by Dr. Wajid Zulqarnain and Dr. Taimur-ul- Hassan and Farzana Kausar published in International Journal of Crisis Communication, Vol 01, Number 02, 2018)

SZABIST, HYDERABAD

Dr. Abdul Ghafoor Kazi
Department of Management Sciences
SZABIST - Hyderabad

Academic Profile



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Short Biography

Dr. Abdul Ghafoor Kazi joined SZABIST as Assistant Professor, Department of Management Sciences, in December 2017. Dr. Kazi pursued his Degrees PhD from UTHM Malaysia (2017), Master of Business Administration in Marketing at ISRA University (2004), Bachelor of Commerce at the University of Sindh, and Bachelor of Computer Science at University of EAST (2001). Upon graduation, he served one year in administration departments (Chancellor's Secretariat, Human Resource, and Examination) followed by three year service as a Lecturer at HEC recognized university, Hyderabad. During his lectureship, Dr. Kazi additionally served as student advisor and was actively involved in course allocation and timetable preparation. In 2008, he moved abroad (Jeddah, KSA and Doha, Qatar) where he served as a Senior Programmer and System Analyst for one and half year. In 2010, he returned to Pakistan and started to serve in civil society organizations i.e. Strengthened Participatory Organization (SPO) Pakistan, and Sindh Development Society (SDS). He served six months as a Livelihood Officer in the projects of Department For International Development (DFID-UK), European Union (EU), and Oxfam GB; and served four years as Project Manager on different projects including disaster response project in collaboration with (UNDP, UNICEF, ODA-Japan), awareness campaigns (Election Commission of Pakistan, UNDP and UNESCO); and as a Manager Monitoring Evaluation and Research (TroCaire and CARE Internationals). During this time he attended and conducted training workshops. Afterwards, in September 2014 Dr. Kazi enrolled in PhD program at University Tun Hussein Onn Malaysia. During his Ph.D he served three years as a Graduate Research Assistant; produced 9 research papers of these 7 were Scopus indexed; he attended two conferences and received best presenter award in both conferences. He also served as a member of an organizing committee in two international conferences (AIC 2016 and AMIC 2017).

Research Interests

Entrepreneurship
Livelihood
Small Business

Completed and Ongoing Projects

Selected Publications

Shazia Kazi, **Abdul Ghafoor Kazi**, Abdul Subhan Kazi, Rashid Ali Ahmed Mohamed Al Ali (2019). Stress Among Female Teachers in Hyderabad Sindh Pakistan. **(Approved for publication in HEC Recognized Journal)**

Abdul Ghafoor Kazi, Shazia Kazi, Marium Nabi Baksh, Anza Memon (2019). Macro-Economic Indicators of Non-Performing Loans: A Comparative Study of Pakistan and India (2012-2016). **(Approved for publication in HEC Recognized Journal)**

Shahbaz, M. S., **Kazi, A. G.**, Othman, B., Javaid, M., Hussain, K., & Rasi, R. Z. R. (2019). Identification, Assessment and Mitigation of Environment Side Risks for Malaysian Manufacturing. *Engineering, Technology & Applied Science Research*, 9(1), 3851-3857. **(ISI-Indexed - Cited by 10)**

Al Ali, R. A. A. M., Yusoff, R. M., Ismail, F. B., & Kazi, A. G. (2018). The Effect of Training on Employees' Productivity in Public Organizations in UAE. *International Journal of Entrepreneurial Research*, 1(1), 15-18.

Jamil, F., Ismail, K., Siddique, M., Khan, M. M., Kazi, A. G., & Qureshi, M. I. (2016). Business incubators in Asian developing countries. *International Review of Management and Marketing*, 6(4S), 291-295. (Cited by 27)

Kazi, A. G., Yusoff, R. M., Khan, A., & Kazi, S. (2014). The freelancer: A conceptual review. *Sains Humanika*, 2(3). **(Cited by 15)**

Dr. Asandas Manwani
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Academic Profile



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Short Biography

Professor. Dr. Asandas Manwani got his PhD from Humboldt University Germany in 1980 and taught in Sindh University Jamshoro, Shah Abdul University Khairpur, IBA Sukkur, and Isra University Hyderabad for last fifty years. He taught different courses at post graduate level in the department and economics and institute of business administration. He remained chairperson, department of economics, and Director Indus Development Research Center, Shah Abdul Latif University Khairpur. He was chairperson, department of management Sciences at Isra University, Hyderabad. He participated in conferences and workshops held at national and international level. He collected data during 1986-1988 in project LBOD of Sindh Development Study Centre, University of Jamshoro in districts Nawabshah (Shaheed Benazirabad), Sanghar, and Mirpurkhas. He worked as principal investigator in one project assigned by HEC regarding "Impact Analysis of faculty development program under the scheme NAHE" in Sindh Province and Baluchistan Province of Pakistan during 2006-2007. He remained HEC recognized Approved guide until 2016, further the renewal is in progress. During his research activities he has had vast experience of development economics, surveying, analyzing, and reporting to his credit in the areas of agriculture, Marketing Management, Rural Development, Poverty, and Credit for financing issues concerning policies. He is research oriented person and has produced 16 PhD scholars and 12 M.Phil Scholar were awarded degrees from University of Sindh Jamshoro, Shah Abdul Latif University Khairpur, and Isra University Hyderabad.

Research Interests

Agriculture, Marketing Management, Rural Development, Poverty, and Credit for financing issues.

Completed and Ongoing Projects

HEC-Pakistan project completed during 2006-2007 as a principal investigator titled "Faculty development program under the scheme NAHE in Sindh Province and Baluchistan Province in Pakistan".

Selected Publications

Muhammad Arshad Haroon
Department of Management Sciences
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Academic Profile



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Short Biography

I possess Doctoral degree in Management Sciences—Finance and have over 20 years of teaching and Financial Research experience in different capacities. Presently, I engaged with SZABIST Hyderabad Campus as an Assistant Professor in reduced hours. I have numbers of research publications which have published in national and international journals of international repute and HEC recognized journals.

He has been frequently invited by the different public and private sector organizations, NGOs and civil society gatherings to deliver lectures on Investors' Awareness Programs to spread awareness on equity Investment and savings, and to promote the role of Capital Market in Pakistan.

I am Chief Executive Officer of MAA Investment Research & Financial Advisor (Pvt.) Limited—MIRFA and prior to that I remained Head of Equity Research in different leading brokerage houses. I has also worked as an Investment Advisor for a numbers of members of firms of Pakistan Stock Exchange as well as financial institutions, for whom I designed Investment Strategies (Short-term and Long-term), developed Financial Models, designed Portfolios; prepared research reports on Economy, Industry and Company. I also engaged with Jang Group as a financial Journalist during 2007-09 and provided my expert opinion on short-term trading strategies in the form of Technical Analysis Reports which were published on weekly business review pages.

Research Interests

Capital Market
Investment Research
Portfolio Management
Fundamental Analysis
Technical Analysis

Completed and Ongoing Projects

NII

Selected Publications

Dr. Noor Muhammad Jamali
Department of Management Sciences
SZABIST Hyderabad

Academic Profile



Name: Prof. Dr. Noor Muhammad Jamali

Designation: Professor Management Sciences

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Short Biography

I was born in the year 1957 in village Kehar Khan Jamali, which is located in district Matiari. To pursue higher education I moved to Hyderabad and completed my B.Com and M.Com from Sindh university, Jamshoro. After completing my graduation, I joined University of Sindh as a Lecturer in Department of Commerce. Later on I got promoted and became Assistant Professor in the same department. My desire for gaining more knowledge compelled me to pursue PhD and to achieve this goal I enrolled myself in Hamdard University as a PhD scholar. My research topic was "Marketing and Financing of Small Scale Industries of Sindh, A case study of Sindh" which I successfully defended in 2007 and was awarded with a PhD degree. After the completion of my degree I joined back Sindh University and continued my research work as well as teaching different subjects. During my length of service, I wrote more than 40 research papers on different topics related to management sciences, economics, marketing & finance in recognized local as well as International Journals. On the basis of my performance I was promoted to the post of Professor and was appointed as the Director of Institute of Commerce. Later on I was made Dean; Faculty of Commerce and Business administration in 2011. During my tenure years I was a member of a number of academic committees of Universities like selection board, board of studies, charter & Inspection committee etc. I produced around 22 M.Phil and 12 PhD students. On the basis of my academic performance as well as my administrative skills, The Chancellor of Universities of Sindh, appointed me as the Pro-Vice Chancellor of Sindh University Larkana Campus in 2015. During my tenure, my primarily focus was on improving the quality of education, infrastructure, proper utilization of campus budget, arrangement of international conferences, extracurricular events, workshops, etc. In addition to that collaboration with other University on different areas of research, academic and extracurricular was also initiated during my tenure.

Research Interests

The major areas which I focused during my career are as follows,

- Marketing of small and cottage industries
- Poverty alleviation with the help of Industrialization
- Role of Agriculture in developing countries economic stability.
- Banking sector responsibilities in supporting Medium and small Industries to create employment opportunities.
- Women Entrepreneurship & Employment.

Completed and Ongoing Projects

- UK Leadership training program for Senior Administrative of HEIs in 2013 at Leicester, UK.
- Imparted Training as a Resource Person at University of Sindh under HEC Indigenous On-Campus Training in 2014 & 2015.
- Course coordinator for Employability and Entrepreneurial skills funded by HEC in 2014.

Selected Publications

- "The Community perception of CSR" A case study of Oil & Ghee Industries clusters of District Dadu, Sindh Pakistan, Published in Lasbella U.J Science & Technology Vol. VI P.P303-308,2017.
- "Women Entrepreneurship and Employment. Case study of Owners of Beauty Parlors in Hyderabad". Published in Bi-Annual Research Journal Grass roots Vol: No. 49 No.1 (June 2015), Pakistan Study Center, University of Sindh.
- "E-Banking Issue Involves through Services Oriented Architecture". Published in International journal of Business and General Management ISSPN Print: 2319-2267; ISSN Online:2319-2275; Impact Factor (JCC): 4.263; NAAS rating; 2.97; ICV; 3.00. International Academy of Science, Engineering and Technology Tamil Nadu, India.
- "The contribution of SMEs in the creation of Employment Opportunities". Published in New Horizon HEC Recognized Research Journal Faculty of Social Sciences Abstracted/Indexed with EBSO-USA December 2008 Greenwich University Karachi P.P 121-133.
- "Mediating role of consumer perception in sales promotion towards apparel brands". Published in International Research Journal of Social Sciences Vol. 8(4), 1-10 October 2019.

Dr. Aijaz Ahmed Siddiqui
Department of Computer Sciences
SZABIST Hyderabad

Academic Profile



Name: Dr. Aijaz Ahmed Siddiqui

Designation: Assistant Professor

Campus: Hyderabad

Email: dr.aijaz@hyd.szabist.edu.pk and draijaz01@gmail.com

Short Biography

PROFESSIONAL SUMMARY:

- A highly qualified and experienced educationalist having grasp over Mathematical subjects.
- Having served as a principal in well reputed degree awarding institute.
- Currently working as Assistant Professor in SZABIST University Hyderabad.

Qualifications:

DEGREE	INSTITUTION	YEAR
Ph. D Mathematics (Numerical Analysis)	Brunel University, United Kingdom	1991-1994
M.A. (Applied Mathematics)	University of Sindh, Jamshoro	1976
B.A. (Applied Mathematics)	University of Sindh, Jamshoro	1973

EXPERIENCE:

1. SZABIST, Hyderabad (August 2013 – Till Date):

Serving as Assistant Professor in Department of Computer Science & Mathematics.

2. Government Degree College & Postgraduate Center, Hyd. (March 2013 - July 2013):

Served as (BPS-20) Principal of the institute.

3. University of East (2007 - 2009):

Served as Visiting Faculty Member in Department of Computer Science & Mathematics.

4. Government Degree College & Post Graduate Center (2003 - 2013):

Served as Associate Professor (BPS-19) and Head of Department of Mathematics.

5. Institute of Mathematics and Computer Science, University of Sindh (2001 - 2003):

Served as Member of Board of Studies.

6. Government Degree College & Post Graduate Center, Hyderabad (1995 – 2002 Resumed after completing PhD):

Served as Assistant Professor (BPS-18) in Department of Mathematics.

7. Lecturer (BPS-17) in Department of Mathematics:

GOVERNMENT DEGREE COLLEGE & POSTGRADUATE CENTER, HYDERABAD (1988 – 1991) GOVERNMENT DEGREE COLLEGE, KOTRI, DADU (1984 - 1988)

GOVERNMENT S.M. COLLEGE, TANDO ALLAHYAR (1981 - 1984) GOVERNMENT COLLEGE SUJAWAL, THATTA (1980 – 1981)

GOVERNMENT DEGREE COLLEGE, JACOBABAD (1979 – 1980)

8. Pakistan Navy Boys Secondary School, Karsaz, Karachi (1979 – 1981):

Served as Mathematics teacher.

9. Public School, Hyderabad (1975 to 1977):

Served as Mathematics teacher.

Research Interests

Completed and Ongoing Projects

Selected Publications

Research Paper published in University of Sindh Research Journal (Science series) Vol. 34-A, June 2002.

Co-author of Textbook Mathematics for class-IX/X published by Sindh Textbook Board, Jamshoro.

Writing Research Paper “Tenth-Order Eigen Value Problems” (yet to be completed)

DR. Amir Hassan Pathan
Department of Computer Sciences
SZABIST Hyderabad

Academic Profile



Name: DR. AMIR HASSAN PATHAN

Designation: PROFESSOR IN COMPUTER SCIENCE

Campus: SZABIST HYDERABAD

Email: amir.pathan@hyd.szabist.edu.pk

Short Biography

Dr. Amir Hassan Pathan did BSC (Hons) in Physics (1973) and MSC in Communication Technology (1974) from the University of Sindh Jamshoro. He joined University of Sindh Jamshoro in 1975 as a lecturer in the Institute of Physics & Technology. Dr. Pathan got his PhD in the field of Telecommunication Engineering from the Strathclyde University, Glasgow, Scotland, UK in 1987. He also attended a course on Telecommunication in the AS ICTP center Trieste Italy in 1989. In 1994, he joined Information Systems & Technology Department of the State Bank of Pakistan as a joint Director, and retired as Additional Director in 2010. After his retirement from the State Bank of Pakistan, he joined Szabist Hyderabad. In addition of his research and teaching experience, he also involved in the Automation Projects and the IT trainings of the officers of the State Bank of Pakistan. He also worked as a visiting/adjunct faculty member in many Institutes. Dr. Pathan remained as a member of the Board of Governors of many Institutes and the member of Board of Trustees.

Research Interests

Processor based control Models, Tele traffic related problems, and the computer communication Networks.

Completed and Ongoing Projects

Feedback Control Models of the Stored Program Control (SPC) system

Selected Publications

1. "STORED PROGRAM CONTROL (SPC) TELEPHONE EXCHANGES"
Gomal University Journal of Research, Vol-10, No. 3 (1990), pp.229-241,
D.I. Khan – Pakistan, 8 – 10 May, 1990.
 2. "OPTIMAL CONTROL MODELS WITH ADDITIVE COST CONSTRAINTS TO INCREASE THE EFFICIENCY
OF A STORED PROGRAM CONTROL (SPC) SYSTEM".
Sind University Research Journal, Jamshoro, SCI SR, vol. 25 (1993).
 3. "OPTIMAL CONTROL MODEL IN VIEW OF VARIOUS QUEUE DISCIPLINES".
MUET Research Journal of Engineering & Technology, Jamshoro, Pakistan, July 1994.
 4. "Implementation Procedure for a Finger print based Matching and Authentication system using
Filter Bank for E-Commerce Applications
Quaid-e-Awam University Research Journal of Engineering, Science and Technology, No.1
Volume 5, Jan-June 2004.
-
5. "Secure Network Model for Management Information System based on IP Security(IPSEC)
encryption using multilayer approach of Network Security", International Conference on
Information and Communion Technologies (ICICT),IBA, 27-28 August 2005, Karachi

Dr.Mahmoud Aljawarneh
Department of Computer Sciences
SZABIST Hyderabad

Academic Profile



Name: Mahmoud Aljawarneh

Designation: Assistant Professor in Computer Sciences

Campus: Hyderabad Campus

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Short Biography

Dr. Mahmoud Aljawarneh is working as an assistant professor in computer science department, Szabist University, Hyderabad campus. Dr. Mahmoud Aljawarneh has completed his PhD in Information Technology, MPhil in Information Technology and BS in Information Technology from University of Sindh – Jamshoro, Pakistan, in the years 2019, 2014 and 2010 respectively. Dr. Mahmoud Aljawarneh PhD thesis titled “Policy-driven Context-aware Service Composition of heterogeneous Services in Pervasive Computing Environments”. In his PhD work, Dr. Mahmoud Aljawarneh have developed a system that allows the normal user of the smart home environments to fully configure their smart home as per their needs and requirements dynamically at runtime using adaptation and compositional policies. These policies drive the adaptation through heterogeneous service composition and service parameter tunings, a fully adaptive framework (through heterogeneous service adaptation and heterogeneous service composition) has been developed to meet the ever changing needs and requirements of the users. Dr. Mahmoud Aljawarneh primary research interest in pervasive computing, context-aware computing, machine learning and natural language processing.

Research Interests

Dr. Mahmoud Aljawarneh primary research interest is in the area of pervasive computing, more specifically designing and development of smart environments through the use of context and context-awareness. Context-awareness is the enabling technology for pervasive computing, through which applications can adapt themselves to meet the changes in environment and user needs. Generally, two approaches are followed to achieve adaptations: parametric and compositional adaptations, in the former the parameters of the services involved in the application are tuned to meet requirements while in the later the architectural components of the application are added, removed, updated dynamically via service composition to meet the change of environment and user needs. Both kinds of adaptation are needed to be supported by the environment to fully utilize the advantage of pervasive computing. Usually, pervasive environments are fully distributed and heterogeneous in terms of the smart network services, this is due to the fact that multiple services available in the network are developed using different service discovery protocols that makes such environments challenging to develop. Investigating the issues related to heterogeneity of services and their adaptations is an interesting research directions. One of the promising approaches for runtime adaptations supports that is capable of separately

modelling of adaptation concerns from the rest of the application code is policy-based systems. In that the policies are dynamically created, added, modified and removed at runtime without the need to stop and restart the working of the system. Further investigation of policy-based systems, context-awareness and adaptation mechanisms is required to fully utilize the true pervasive system.

Dr. Mahmoud Aljawarneh secondary research interest is machine learning, where designing and developing models to solve real life problems is one of the areas worth investigating. Such as natural language processing and sentiment analysis.

Completed and Ongoing Projects

Selected Publications

1. Aljawarneh, Mahmoud, Lachhman Das Dhomeja, and Yasir Arfat Malkani. "Context-aware service composition of heterogeneous services in pervasive computing environments: A review." 2016 19th International Multi-Topic Conference (INMIC). IEEE, 2016.
2. Lakho, Iqra Kanwal, et al. "Exploiting dynamic attributes and annotations for service discovery in pervasive computing." 2018 International Conference on Computing, Mathematics and Engineering Technologies (iCoMET). IEEE, 2018.
3. ALJAWARNEH, M., LD DHOMEJA, and YA MALKANI. "Context-aware Heterogeneous Service Composition Framework for Pervasive Computing Environments." Sindh University Research Journal (Science Series) 50.3 (2018): 345-354.

Dr. Noor Ahmed Shaikh
Department of Mathematics
SZABIST Hyderabad

Academic Profile



Name: Dr. Noor Ahmed Shaikh

Designation: Professor

Campus: Hyderabad

Email: noor.shaikh@hyd.szabist.edu.pk

Short Biography

Professor at SZABIST Hyderabad Campus from 23-09-2013 to date.

Professor (28th October 2000) and Served as Director from 30-01-2004 to 02-08-2008 and from 03-05-2010 to 02-05-2013, Institute of Mathematics & Computer Science, University of Sindh, Jamshoro

Associate Professor (4th October 1997 to 27th October 2000) Institute of Mathematics & Computer Science, University of Sindh, Jamshoro

Assistant Professor (16th May 1987 to 3th October 1997) Institute of Mathematics & Computer Science, University of Sindh, Jamshoro

Lecturer (1st October 1980 to 15th May 1987) Institute of Mathematics & Computer Science, University of Sindh, Jamshoro.

1996 Ph.D. in Mathematics, Institute of Mathematics and Computer Science University of Sindh

1986 M.Phil. in Mathematics, Department of Mathematics, Quaid-e-Azam University, Islamabad

1976 Master of Mathematics (M.Sc.), Institute of Mathematics and Computer Science, University of Sindh

1974 Bachelor of Mathematics (B.Sc.), Institute of Mathematics and Computer Science, University of Sindh

1972 Higher Secondary Certificate (HSC), B.I.S.E Hyderabad (Pre-Engg.)

M.Phil. Dissertation title “Dual Extremum Principles”

PhD. Dissertation title “Some Work on $M \setminus G \setminus 1$ and $G \setminus M \setminus 1$ Queueing Systems.”

Additional Qualification:

- Post-Doctoral Study in 2004 and worked with Professor Demetres Kouvatsos at School of Informatics Department of Computing, University of Bradford, **UK**.
- Post-Doctoral Study in 2008 and worked with Prof Dr. Muhammad Aslam Noor, Department of Mathematics, COMSAT Institute of Information Technology, Islamabad.

Research Interests

My research field is Theory of Queuing with emphases on machine repair Problem. The Theory of Queuing is one of the promising fields of Mathematics. Its application is in various areas such as management of industries, Hospitals, the traffic signals, inventory control, production scheduling and financial planning, to name few.

Completed and Ongoing Projects

ICT e- Health

Recently I have joint project with Professor Dr. Aqil Burny and others in ICT e – Health, I contributed two research papers “Empirical Queuing Model: A Study of C.D.F. Hospital of Maternity Patients”, Sindh Univ. Res. Jour. (Social Science Series), Vol. 1, pp. 65-74, 2001 and “Profit Analysis for M/M/m Machine Interference”, published in Punjab University Scientific Research Journal, Vol XXXIII, number 1&2, pp. 125-142, 1994. The both papers are available on ResearchGate for citation.

Selected Publications

“Empirical Queuing Model: A Study of C.D.F. Hospital of Maternity Patients”, Sindh Univ. Res. Jour. (Social Science Series), Vol. 1, pp. 65-74, 2001.

“Profit Analysis for M/M/m Machine Interference”, published in Punjab University Scientific Research Journal, Vol XXXIII, number 1&2, pp. 125-142, 1994.

“The Maintenance of Bidirectionally Patrolled Machines: A Simulation Approach”, Mehran Engineering & Technology University Res. Jour., pp. 40-44, 1997.

“Simulation of Queueing Model”, published in Mehran Engineering & Technology University Res. Jour., Vol.16, No. 3 pp. 122-126, 1997.

Application of Queueing Theory to Traffic Signal System at Two Busy Cross section of City Hyderabad” Sindh Univ. Res. Jour. (Science Series) Vol:40(2).pp.31-36, Dec.2008

SZABIST, LARKANA

Dr. Zahida Abro
Head of Campus
SZABIST Larkana

Academic Profile



Name: Dr. Zahida Abro

Designation: Head of Campus, SZABIST

Campus: Larkana

Email: Abro@lrk.szabist.edu.pk

Short Biography

Dr. Abro holds a PhD in Management Sciences with specialization in Human Resources Management from SZABIST Karachi. She has over 20 years' experience in academia, for the last three years, she holds the position of "Head of Campus" at SZABIST Larkana. She has also served seventeen years as faculty member and Program Manager / research supervisor in Management Sciences department. Her aim is to work for betterment of the community and society through enhanced quality education; fair play and by providing equal opportunity for all. She conducts, plans, implements and published researches in the domain of organizational behaviour and management, particularly focusing, emotional intelligence, job stress, employees' engagement, motivation, internal quality management for higher education excellence, stock prices and microeconomics variables etc. She also wrote book chapter for a case book entitled "Rolly on the roller Coaster: Struggling to handle Abuse and Workload on Job, in contemporary Practices in Management and HR. She also conducted, organized and participated in numerous researches related workshops and seminar at different leading business schools of the country. Dr. Abro, being member of Doctoral Committee at SZABIST Karachi has contributed in various research thesis and projects. Being Head of Campus she organized international and national research conferences at SZABIST Larkana. She has also contributed and participated as panel member at International conference on Business Economics and Management at SIBAU Sukkur in March 2019; and Participated as panel member in 15th South Asian Management Forum at SIBAU Sukkur in September 2019.

Research Interests

1. Emotional intelligence
2. Motivation
3. Job stress and job outcomes stress
4. Employees' engagement,
5. Quality management for higher education
6. Stock prices and microeconomic variables
7. Social Media and consumer behaviour
8. Consumer behaviour

Completed and Ongoing Projects

Selected Publications

- Abuse, emotions, and workload in the distribution business: Implications for employees' engagement published in paper has been Published in International Journal of Advanced and Applied Sciences (IJAAS-190097)-
<https://doi.org/10.21833/ijaas.2019.08.013>
- Antecedents and consequences of faculty engagement: A case study of business schools in Pakistan has been published in PBR, Vol. 20 (3).
- Assessment of internal quality management and its contribution towards higher education excellence: an analysis of faculty and student's perception published in *JISR* in January, 2012, Vol. 10, No. 1.
- Motivation, work stress and job performance: an analytical study of faculty in higher education institutions of Sindh published in *JISR* in December 2014, Vol. 12, and No.2.
- "Dynamic Analysis of the Relationship between Stock Prices and Macroeconomic Variables: An Empirical Study of Karachi Stock Exchange". South Asian Journal of Global Business Research (SAJBS).
<https://www.emerald.com/insight/content/doi/10.1108/SAJBS-06-2018-0062>
- Social Media and purchase intention: Findings for future empirical directions: Humanities and social sciences issues, gaip journals.
<http://giapjournals.com/index.php/hssr/article/view/hssr.2019.7419>.
- Understanding the nexus of Intellectual, Social and Psychological Capital Towards Business Innovation through Critical Insights from Organizational Culture, *Scopus journal* accepted waiting for HSSR journal.
<http://giapjournals.com/index.php/hssr/article/view/hssr.2019.75144>

Dr. Farooq Ahmad
Department of Management Sciences
SZABIST Larkana

Academic Profile



Name: Farooq Ahmad

Designation: Assistant Professor

Campus: Larkana

Email: farooq@lrk.szabist.edu.pk

Short Biography

Dr. Farooq holds a PhD in Management Sciences with specialization in Marketing from International Islamic University, Islamabad, Pakistan. He is currently working as Assistant Professor at SZABIST Larkana. He has expertise both in qualitative and quantitative researches. He has more than 15 years of teaching, brand communication, behavioral change communication (BCC), advocacy, social mobilization and research experience in the field of development sector, academia and corporate sector. He has spent many years working towards addressing social issues confronting Pakistan. Before joining SZABIST Larkana, he served Population Council, an international research and advocacy form where he worked on “National Advocacy and Media Campaign on Population and Development issues” for five years. Before Population Council, he served Spectrum |Young & Rubicam, highly renowned advertising and brand communication forum, for twelve years and contributed in brand communication strategies as well as social sectors projects mainly focusing on behavioral change communication projects to influence policy makers, donors, community notables, religious scholars, and general public. As a trainer, he has trained professionals in the field of media, government officials and academia on research, social communication, brand communication, research, and resource mobilization strategies. He has presented his research work both at international and national forums. He has also served as abstract reviewers for various International and national research conferences.

Research Interests

1. Social marketing
2. Brand communication
3. Consumer behaviour
4. Service quality
5. Health communication
6. Sustainable consumption
7. Advertising and firm's performance

Completed and Ongoing Projects

1. Global KAP scale refinement for Ipas Pakistan
2. Master in Population Studies, Challenges, opportunities and way forward, Population council and UNFPA, 2018

Selected Publications

1. Ahmad, F., Khan, M. K. N., & Hassan, S. (2018). Fear Appeals Reinforcement in Social Marketing and Inducement of Behavioral Change. *Global Social Sciences Review*, 3(2), 321-344.
2. Qaisar, M. N., Mariam, S., & Ahmad, F. (2018). Employee Wellness as Predictor of Productivity from Public Sector Management Perspectives: Conditional Process Analysis. *NUML International Journal of Business & Management*, 13(2), 104-116.
3. Mariam, S. Nawaz, M.N., Ahmad, F., Hassan, S. (2019) Impact of Occupational Overwork Climate on Academic Effort and Performance of Working Students: Moderating Role of Academic Resilience, *Journal of Business and Social Innovation*, Volume 1, o. 12019
4. Ashfar, S; Ahmad, F. (2018) Teaching of population studies in Pakistan: challenges, opportunities and way forward, Population Council
5. Ahmad, F (2018), Education is our ticket to prosperity, Daily times, July 12, 2018

SZABIST, DUBAI

Dr. Hummayoun Naeem
Head of Management Sciences
SZABIST Dubai

Academic Profile



Name: Prof. Dr. Hummayoun Naeem

Designation: Head of Campus

Campus: Dubai

Email: hummayoun@szabist.ac.ae

Short Biography

Prof. Dr. Hummayoun Naeem, an Exeter University (UK) MBA, received his PhD in Management Science from Foundation University, Islamabad. He has also received his Post Doctorate from Turkey. During his PhD, he developed and empirically tested a Quality Management Model for Commercial Branch Banking Operations. The said research got acknowledged and recognized as an independent school of thought in Management Science by The Croatian Economics Research Journal. Apart from this, Dr. Naeem's research work, published in the journals of international repute, is being cited around the world. He has substantial exposure to industry (Commercial Banking) and academia at undergraduate and postgraduate level that strengthens his international standing as an Applied Business Researcher. He is an author of a book that has been published by Lambert Publishing, Germany. He has presented his research papers at reputed international forums and has received Best Research Paper Awards mainly from USA, Sweden, Thailand and Pakistan. During December 2013, Dr. Naeem received eighth award of his career i.e. UNESCO Best Teacher Award - 2013. He has been nominated for President's Civil Award in Pakistan during 2014.

Research Interests

Strategy
Leadership
Quality Management
Organizational Behavior
Human Resource Processes

Completed Projects

Advance Energy Management Through Smart Metering System: An Operational Perspective

Leadership Styles in the Maintenance Industry of UAE: A Focus Group Analysis

The Impact of Switch Leadership on Project Success: Empirical Evidence from UAE

The Impact of Strategic Quality Orientation on Innovation Capabilities and Sustainable Business Growth; Empirical Evidence from the Service Sector of Pakistan

Measuring the impact of soft and hard quality practices on service innovation and organizational performance. Total Quality Management & Business Excellence

Dr. Nasreen Khan
Department of Management Sciences
SZABIST Dubai

Academic Profile



Name: Dr. Nasreen Khan

Designation: Senior faculty

Campus: Dubai

Email: nasreen@szabist.ac.ae

Short Biography

I have been associated with SZABIST Dubai since 2013. I have more than 12 years experience into academics and 5 years experience in corporate. Currently I am a senior faculty and responsible for Student Placement Cell at SZABIST. My primary research interest is in the field of work family domain. I have collaborated with researchers in several other disciplines of management sciences. I have served as conference chair and international review committee member. I have been inducted into the editorial board of ESJ (European Scientific Journal) in October 2019.

Research Interests

PhD in Organizational Behavior with specific research interest in the area of work family interface. Currently working towards exploring opportunities of research in the area of work family enrichment, constructive deviance and mindfulness based interventions.

Completed and Ongoing Projects

Research Interests

Intelligent system, AI, AR System, Printed Electronics, Printed Energy Harvesting Devices, Solar Cell, Mechatronics System, Control System Design, System Design, Modeling and Analysis, Nanotechnology Deposition Mechanism, Inkjet Printers, Non-Contact Thin Film Deposition of Conductive and Dielectric Particles for Fabrication of Printed Devices, Electro-Hydrodynamics.

Completed and Ongoing Projects

Title of the project	Responsibility	Funding Agency	Status
Non-contact printing system for Printed Electronics	Co-PI	LG Chem, DGI Korea, KIMM Korea	Done
Pilot Development of Electro-Chemical spray system for Agriculture fields	PI	SABIC, KSA	Done
Qassim University Webometric ranking project	CO-PI	Qassim University, KSA	Done
Technical courses and development of layman with new technologies	PI	Municipal, Qassim, KSA	Done
Survey study for Identify ways to strengthen the affiliation of students with the college	CO-PI	Qassim University, KSA	Done
Traffic Management System QEC,QU	CO-PI	Qassim University, KSA	On going
Developing an Intelligent System for Control and Management of the Roadway Lighting	CO-PI	NSTIP, KACST, KSA	Done

Selected Publications

1. "Development and Optimization of Electro-Chemical Spray System for Agriculture Fields", Ahsan Rahman, Fahad Abdulrahman Al-Mufadi; International Journal of Engineering & Technology
2. "Direct Patterning and Electrospray Deposition through EHD for fabrication of Printed Thin Film Transistors", Saleem Khan, Yang Hoi Doh, Arshad Khan, Ahsan Rahman, K.H. Choi and Dong Soo Kim; Current Applied Physics.
3. "Electrode Configuration Effects on Electrification and Voltage Variation in Electrostatic Inkjet Printing Head", K.H. Choi, Adnan Ali, Ahsan Rahman, Nauman Malik Mohammad, D.S. Kim; J. Micromech Microeng
4. "Influence of Electrode Position and Electrostatic Forces on the Generation of Meniscus in Dielectric Ink", Ahsan Rahman, Adnan Ali, Khalid Rahman, Hyung Chan Kim, Yang Hoi Doh, D.S.Kim, K. H. Choi; J.Jap. Appl. Phys
5. "Printed Patterns Adhesion dependency on Contact Angle of Ink on Substrate", Adnan Ali, Ahsan Rahman, Khalid Rahman, Nauman Malik Muhammad, Arshad Khan, J.B. Ko, Saleem Khan, B.S. Yang, H.C.Kim, Y.H. Doh, D.S. Kim, K.H. Choi; IJET-IJENS.

Dr. Ahsan Rahman
Department of Computer Science
SZABIST Dubai

Academic Profile



Name: Dr. Ahsan Rahman

Designation: Associate Professor

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Short Biography

Dr. Ahsan is a Professional Engineer (PE) certified by Pakistan Engineering Council (PEC) in Computer Engineering. He is also PhD Approved Supervisor of Higher Education Commission(HEC), Pakistan. He has done his undergraduate (BE) in Computer Systems Engineering from QUEST, Nawabshah, Pakistan; Masters (MS) from Air University, Islamabad, Pakistan and Doctorate (Ph.D.) from College of Engineering, Jeju National University, Korea. Dr. Ahsan has distinctions throughout his edification career.

Dr. Ahsan has more than 11 years of teaching experience. He has worked with different national and international teaching institutes, universities and R&D organizations. Due to his multidisciplinary edification and approach, he benefits students to consolidate learning through critical thinking and synthesizes the idea by combining designs from many perspectives, and consider an alternative way of acquiring knowledge. His projects, FYPs and theses are of practical significance. He also initiated Robo-War competitions at FAST-NU (Islamabad Campus Pakistan), SZABIST (Dubai Campus, UAE) and Qassim University (Qassim, Saudi Arabia) as student club activity.

Dr. Ahsan is interested in research, particularly in emerging technologies, which are computationally intensive, need strong systematic approach and have applied significance in mankind progress. He has many peer-reviewed publications and presented his research work at various conferences with strong citation record. He also has two granted and several under-process patents to his name. His areas of interest include application area of IT in real world, Robotics, System Design, Software development, Embedded systems, Printed Electronics, Development of devices through Printed Electronics techniques, Electro-hydrodynamics, Inkjets, FB Controls, Mechatronics, Simulations and Analysis, and FEM. He was able to get funding in last few years from different sources like LG Chemicals Korea, DGI Korea, Korea Institute of Machinery and Materials (KIMM), Samsung Korea, SABIC KSA, SASO KSA and QU KSA.

Selected Publications

1. Khan & Rehman (2019). Exploring the Relationship Between Work-Family Enrichment and Constructive Deviance: Applying Social Exchange Theory (SET). *International Review of Management and Business Research* 8(2).
2. Khan N. (2017) Constructive Deviance: A Work Family Enrichment Perspective. *Journal of Business Management* 5(1).
3. Khan N. (2018) Does Training and Employee Commitment Predict Employee Retention?. *AIMS International Journal*. 12(3). 153-160
4. Khan & Khurshid (2017). Workplace Stress and Employee Wellbeing: Case of Health Care Staff in UAE. *European Scientific Journal* 13 (5)

PUBLICATIONS OF SZABSIT FACULTY

YEAR 2020

1. Salik Uddin Ahmed, Amjad Ali, Abdul Hameed Memon, Ahmad Hussain (2020) Policy framework for implementation of sustainable procurement practices in healthcare industry, Environment, Development and Sustainability, Published: 30 April 2020, DOI: <https://doi.org/10.1007/s10668-020-00750-w>, ISI Journal
2. Mahrukh Mahrukh, Usman Allauddin, Mohammad Ehteshamul Haque Naseem Uddin, and Ahmad Hussain (2020) A Numerical Investigation of Turbulent Flow Over Single and Tandem Square cylinders, Mehran University Research Journal of Engineering & Technology, (HEC Recognized "X" Category Journal [p-ISSN: 0254-7821, e-ISSN: 2413-7219])
3. Pakistan -Russia Relations in the Changing Power Dynamics of South Asia, ISI-Indexed, WALIA Journal, ISSN: 1026-3862, 2020
4. Moon, M. A., Mohel, S. H., & Farooq, A. (2020). I green, you green, we all green: Testing the extended environmental theory of planned behavior among the university students of Pakistan. The Social Science Journal, 1-17. <https://doi.org/10.1016/j.soscij.2019.05.001>
5. Moon, M. A., Mohel, S. H., & Farooq, A. (2020). I green, you green, we all green: Testing the extended environmental theory of planned behavior among the university students of Pakistan. The Social Science Journal, 1-17. <https://doi.org/10.1016/j.soscij.2019.05.001>
6. Asma Bashir, Hira Soomro, Neha Farid , Kashif Ali, Hammad Afzal Kayani , Kiran Fatima (2020) Assessment and Identification of Cholesterol-Degrading Probiotics, Sci Int (Lahore), ISSN:31013-5316, <http://www.sci-int.com/pdf/637166180986800119.edited.pdf>
7. Faheem Bukhari, Saima Hussain, Rizwan Raheem Ahmed, Dalia Streimikiene, Riaz Hussain Soomro, Zahid Ali Channar (2020) Motives and Role of religiosity towards consumer purchase behavior in Western imported Food Products, Sustainability, ISSN: 2071-1050, DOI:10.3390/su12010356, ISI-Indexed
8. THE INFLUENCE OF PSYCHOLOGICAL FACTORS IN SUBSTANTIATING BRAND LOYALTY THROUGH CUSTOMER ENGAGEMENT: A SEM ANALYSIS Saima Hussain , Maha Owais & Mahnoor Tamim Conference Paper International Conference (7th INTERNATIONAL CONFERENCE ON EDUCATION AND SOCIAL SCIENCES) 2020 (20-22 Jan) [Paper presentation].
9. Mensi, W., Rehman, M. U., & Al-Yahyaee, K. H. (2020). Time-frequency Co-movements between oil prices and interest rates: Evidence from a wavelet-based approach. The North American Journal of Economics and Finance, 51, 100836. <https://doi.org/10.1016/j.najef.2018.08.019>

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YEAR 2019

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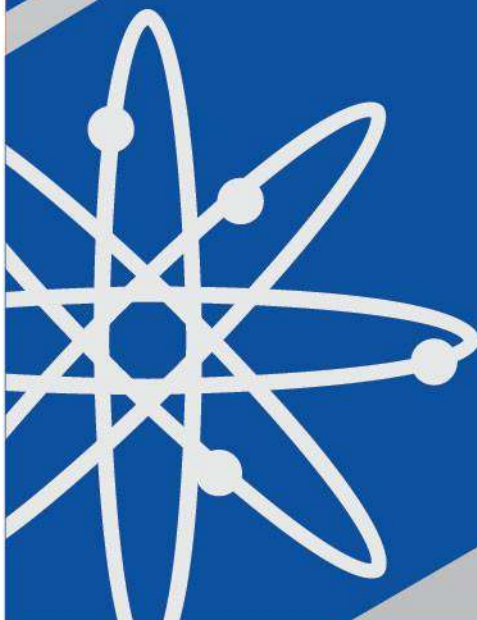
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