

Academic Resume



Tariq Jamil Khanzada

Professor, Information Systems Department

Professor, IS, FCIT, KAU, PhD- Wireless Information Systems, OvGU, Germany

Contact Information.

Building 31, Room 102, Ext. 67526, Add. FCIT KAU, tkhanzada@kau.edu.sa.

Highest Degree.

2010, PhD Wireless Information Engineering, Information Communication Engineering, OVG University of Magdeburg, Germany.

Academic and Professional Experiences.

1. **2019 - Present**
Professor, Computer Information Systems Department, KAU, KSA, Faculty of Computing and Information Technology, King Abdulaziz University Jeddah, KSA.
2. **2016 - Present**
Professor (BPS-21) -on lien-leaves from Department of Computer Systems Engineering at Mehran University of Engineering & Technology, Jamshoro, Pakistan, , .
3. **2012 - 2016**
Associate Professor (BPS-20) Department of Computer Systems Engineering at Mehran University of Engineering & Technology, Jamshoro, Pakistan, , .
4. **2005 - 2010**
Research Assistant Chair of Microwave and Communication Engineering, OVG University, Magdeburg, Germany, , .
5. **2004 - 2012**
Assistant Professor (BPS-18/19) Department of Computer Systems Engineering at Mehran University of Engineering & Technology, Jamshoro, Pakistan, , .
6. **2001 - 2004**
Assistant Professor (BPS-18/19) Department of Computer Systems Engineering at Mehran University of Engineering & Technology, Jamshoro, Pakistan, , .
7. **2000 - 2001**
Senior Lecturer Muhammad Institute of Science & Technology Mirpur Khas, Pakistan, , .
8. **2000 - 2000**
Instructor (E-1) Pertroman Training Inst. Hyderabad, Pakistan, , .
9. **1999 - 2000**
Network Administrator Softech Inc. Hyderabad, Pakistan, , .
10. **1999 - 1999**
Instructor (NE-V) Pertroman Training Inst. Hyderabad, Pakistan, , .

Research Interests.

Signal Processing for Wireless Communication Systems, OFDM and SCT Transceiver Simulations, Wireless Indoor Positioning Systems / WSN, Artificial Intelligence, Data Science and Analytics, Machine Learning.

Teaching Interests.

Artificial Intelligence, Data Sciences, Wireless Communications, DSS., Wireless Communications, AI, Data Sciences, algorithms, Machine Learning.

Certifications and Trainings.

1. Outcomes Based Education and Accreditation System organised by Office of Research, Innovation & Commercialization (ORIC) at Mehran University of Engineering & Technology, May 05 2016..
2. Anritsu WLAN Positioning System with Vector Signal Generator & Analyzer Anritsu Germany, 2009.
3. Agilent WLAN System Vector Signal Generator & Analyzer Agilent Germany, 2008.
4. Microstrategy NCR Islamabad 2003 Pakistan Developer Conference Microsoft Pakistan, 2003.
5. RIMS Training Course (Lab Windows) RIMS Karachi, 2003.
6. Teradata Factory Course NCR Karachi, 2002.
7. Data Warehousing Course NCR Karachi, 2002.
8. ISO-9000 Course Certificate Q & A Inspection Services Pakistan, 1998.
9. ? Technical Seminar delivered under Center of Excellence in Intelligent Engineering Systems (CEIES), titled as "Wireless Indoor Positioning Systems (W-IPS) - Trend Changing Technologies" on Wednesday October 9, 2019 at Room 24C28, Second floor, Engineering Building, (ECE Seminar Room), KAU, KSA..
10. ? Technical Seminar delivered under FCIT Faculty seminar series spring 2021 on "Wireless Indoor Positioning Technologies: Modern Trends", on Mar 11th Feb, 2020, at room 16, building 31, KAU, KSA..
11. ? Online Technical Seminar delivered under FCIT Faculty seminar series spring 2021 on "Jammer detection using deep learning models in AI-enabled IoT network", on Wednesday, Mar 30, 2021.
12. ? Technical Workshop delivered under Cyber Security Club (CSC) titled as "Information Hiding and Practical Steganography", on Wednesday, Dec. 1st, 2021, 5 to 8 P.M. Online link <https://www.youtube.com/watch?v=rtAY0ziKooI> Twitter: @Fcit_cyber_sec.

Social, Scientific and Professional Affiliation.

1. 2020-Present, Comprehensive Exam (PhD) Committee, IS, FCIT, KAU.
2. 2021-, Editorial Board for the Journal of KING ABDULAZIZ UNIVERSITY (Computing and Information Technology Sciences), FCIT, KAU.
3. -, Member, ACM.
4. -, Member, IEEE.
5. -, Member, PEC.
6. -, Member of Internal Review Committee for Evaluation of PhD and M.E/MS programs, Mehran University of Engineering & Technology, Jamshoro, Pakistan..
7. -, Member of Advance Study and Research Board (ASRB), Mehran University of Engineering & Technology, Jamshoro, Pakistan..
8. -, Member of the MUET-Research Policy, Mehran University of Engineering & Technology, Jamshoro, Pakistan..
9. -, Co-ordinator ME-IT program IICT, MUET, ACM MUET chapter,, Mehran University of Engineering & Technology, Jamshoro, Pakistan..
10. -, Convener of FYP Thesis Review Committee (FYP-TRC), Computer Systems Engineering Department,, MUET.
11. -, Member of Board of Department Management Review Committee (DMRC), Computer Systems

Engineering Department,, MUET.

12. -, Member of Board of Studies (BoS) at Computer Systems Engineering,, MUET.
13. -, Member of Board of Faculty (BoF), Faculty of Electrical, Electronics, and Computer Engineering, Mehran University of Engineering & Technology,, MUET.
14. -, Member of Pakistani German Students, PSA Germany.
15. 2020-Present, Curriculum Development Committee (Postgraduate), IS, FCIT, KAU.

Excellence Awards and Patents.

1. 1991, Interior, Award of First Class First Position in Computer Diploma, Petroman Training Institute, Hyderabad Ministry of PERAC Govt of Pakistan
2. 2005, Interior, Award of University Scholarship to Pursue PhD studies at Germany , 2005-2009 , Scholarship Awarded for Staff Development Scheme, PC-I, Establishment of Institute of Communication Technologies Controlling Institute, Mehran University of Engineering & Technology ,Jamshoro. Funding/Donor Agency: HEC, Pakistan
3. 1993, Interior, Award of NCC Training, Service Certificate Award for THE NATIONAL CADET CORPS, Dated: 10 May 1993 Place: C-Copmany Govt Degree College Latifabad Awarded By: The Director General National Guards, HQ NCC &WG, Under University of Sindh Pakistan
4. 2004, Interior, Award of Book co-Author for BE curriculum book, Title of the Book “Computer System Workshop ” A Practical Workbook, The Best Practice Series. Published for B.E. [CS/SW/ES/TL] Curriculum Text Book by Naseem Book Depot, Hyderabad, Funding Authority: Mehran University of Engineering Technology , Jamshoro, Pakistan
5. 2009, International, Award of partial Support scholarship for PHD, 2009-10 Dated: 15 Oct 2009, Scholarship Awarded: US\$ 15000 Funding Agency: HEC, Pakistan
6. 2006, International, Award of Research Funding for Inlite Partial Project by EADS , Germany, “Inlite Project by EADS ” , Partial Project carried out by the European Advance Defense Systems (EADS), Funding Agency: EADS, Germany Total Cost of the Project 1.5 Million Euro
7. 2008, International, Award of Research Student “Hiwi” Funding, Germany, 01.10.2008 to 03.09.2012, Student Job scholarship, Amount: 80 Euro per week OVG University Germany, Date of award :29 SEPT 2008.
8. 2018, International, Award of FYP Funding under HEC NIGRI program, Title :Accuracy & Efficiency Analysis of Beacon Based Indoor Positioning System as a FYP Supervisor, Approved Bugdget: 56,500 Funding Agency: National Grossroots ICT Research Initiative (NGIRI), Islamabad, Pakistan 28 June 2018
9. 2018, International, Award of Honorarium for the Guest Technical Lecture at University of MURIA KUDUS, Indonesia, 2018 Dated: 24 Sept 2018 Title :Wireless Communication and growth of Indoor Positioning System Event : Guest Lecture, Technical Discussion with Faculty, Honorarium Awarded : 2 million Indonesian Rupya, Venue : Auditorium Hall, Electrical Engineering Department, Faculty of Technology, University of Muria KUDUS, Central Java , Indonesia Funding Agency: University of Muria KUDUS Indonesia
10. 1988, Interior, Award of Science Fair Participation Certificate, for Model School Dated: 10 Jan 1988, Awarding Agency: BISE Hyderabad, Pakistan
11. 1993, Interior, Award of Honorary Lab Trainee, Date: September 5 1993 at Petroman Training Institute, Hyderabad Ministry of PERAC Govt of Pakistan
12. 2007, International, Award of HEC Travel Grant for Research to present at Rome Italy, 2007 Approved Grant: Rs. 127685, Date of approval : Jan 2007 Event: 01-02.10.2007 Amount : 127685 (from Germany) Place: Rome, Italy Funding Agency: HEC, Pakistan
13. 2008, International, Award of Research Student Hiwi Funding, Germany, 2008 01.11.2007 to 29.02.2008, Student Job scholarship, Amount : 80 Euro per week OVG University Germany Date OF

Last Profile Update: March 07, 2024

award :28 Oct 2007

14. 2008, International, Award of HEC Travel Grant, Research to present at, Florida, USA, 2008, Approved Grant: Rs. 183570, Date of approval : Jan 2008 Event: 01-02.10.2007 Amount : 183570 (from Germany) Place: Orlando, FL, USA. Funding Agency: HEC, Pakistan
15. 2008, International, Award of Research Funding for Virtual/Augmented Reality Project, Germany, Title of Project: TP2 of ViERforES, “Virtual and Augmented Reality for Embedded Systems (ViERforES)”, University of Kaiserslautern, University of Magdeburg and Fraunhofer Institute IESE, Funding Agency: Bundes Ministerium fur bildung und Forschung Duetscheland (Ministry of Training and Research Germany) , Total Cost of the Project : 20 Million Euro
16. 2018, International, Award of HEC Travel Grant, Research to present at Indonesia, Approved Grant: Rs. 239784, Date of approval : 7 Sept 2018, title: Blood Image Analysis to Detect Malaria Using Filtering Image Edges & Classification" to International Conference and Workshop on Telecommunication Computing Electronics and Control (ICW TELKOMNIKA 2018) on Sep 18-20, 2018 at Yogyakarta, Indonesia. Funding Agency: HEC, Pakistan

Funded Projects.

1. 2018, : Blood Image Analysis to Detect Malaria Using Filtering Image Edges & Classification, HEC, Pakistan, - International, Award of HEC Travel Grant, Research to present at Indonesia, Approved Grant: Rs. 239784, Date of approval : 7 Sept 2018, title: Blood Image Analysis to Detect Malaria Using Filtering Image Edges & Classification" to International Conference and Workshop on Telecommunication Computing Electronics and Control (ICW TELKOMNIKA 2018) on Sep 18-20, 2018 at Yogyakarta, Indonesia..
2. 2018, Accuracy & Efficiency Analysis of Beacon Based Indoor Positioning System as a FYP, HEC Pakistan, - International, Award of Research Funding for Virtual/Augmented Reality Project, Germany, Title of Project: TP2 of ViERforES, “Virtual and Augmented Reality for Embedded Systems (ViERforES)”, University of Kaiserslautern, University of Magdeburg and Fraunhofer Institute IESE, Funding Agency: Bundes Ministerium fur bildung und Forschung Duetscheland (Ministry of Training and Research Germany) , Total Cost of the Project : 20 Million Euro,.
3. 2008, International, Award of Research Funding for Virtual/Augmented Reality Project, Germany, Title of Project: TP2 of ViERforES, “Virtual and Augmented Reality for Embedded Systems (ViERforES), University of Kaiserslautern, University of Magdeburg and Fraunhofer Institute IESE,, Title of Project: TP2 of ViERforES, “Virtual and Augmented Reality for Embedded Systems (ViERforES)”, University of Kaiserslautern, University of Magdeburg and Fraunhofer Institute IESE, Funding Agency: Bundes Ministerium fur bildung und Forschung Duetscheland (Ministry of Training and Research Germany) , Total Cost of the Project : 20 Million Euro,.
4. 2006, International, Award of Research Funding for Inlite Partial Project by EADS , Germany,, EADS, Germany, Inlite Project by EADS ”, Partial Project carried out by the European Advance Defense Systems (EADS), Funding Agency: EADS, Germany Total Cost of the Project 1.5 Million Euro,.
5. 2022, A new model of Conversational AI agent to improve the mental wellness of first-year students in decision making, DSR, KAU, Jeddah, KSA, Research# 259476 Program: IFPIP: 654-611-1443, Year:1443.
6. 2022, Blockchain-based system for enhancing bus approval process, DSR, KAU, Jeddah, KSA, Research# 259890 Program: IFPIP: 620-611-1443, Year:1443.
7. 2022, Project: “Identify a Group of People in a Video Screen “, NTDP, KSA, • Accepted Project Titled “Identify a Group of People in a Video Screen “, initiated by T2 company for the Tech Research Challenge initiative (TRCI) called under National Technology

Development Program (NTDP), 2021-22..

Publications.

1. Muhammad Luthfi Hidayat, M. Takdir Muslihi, Maram Meccawy, Tariq J. S. Khanzada, "Comparing Lexical Diversity Of Bahasa Between Students Of Islamic Studies And Engineering Using Spark-Nlp", Vi International Scientific Convention Of Universidad Técnica De Manab?: Advances In Basic Sciences, Informatics And Applied Engineering, pp. 020002, 2024.
DOI: [10.1063/5.0183262](https://doi.org/10.1063/5.0183262)
2. Talha Hafeez, Muhammad Farrukh Shahid, Tariq J.S. Khanzada, "Abnormal Image Classification Using Vision Transformer For Smart Agriculture", 2023 Ieee 8th International Conference On Engineering Technologies And Applied Sciences (Icetas), pp. 1-6, 2023.
DOI: [10.1109/ICETAS59148.2023.10346441](https://doi.org/10.1109/ICETAS59148.2023.10346441)
3. Omar Mohammed Almorabea, Tariq Jamil Saifullah Khanzada, Muhammad Ahtisham Aslam, Fatheah Ahmad Hendi, Ahmad Mohammed Almorabea, "Iot Network-Based Intrusion Detection Framework: A Solution To Process Ping Floods Originating From Embedded Devices", Ieee Access, pp. 1-1, 2023.
DOI: [10.1109/ACCESS.2023.3327061](https://doi.org/10.1109/ACCESS.2023.3327061)
4. M. L. Hidayat, H. J. Prayitno, S. Anif, M. Meccawy, T. J.S. Khanzada, "Science Learning In Answering Digital Competency Needs Of Preservice Math And Science Teachers In The Stem Context", 12(3), 2023.
5. Tariq J. S. Khanzada, Muhammad Farrukh Shahid, Ahmad Mutahhar, Muhammad Ahtisham Aslam, Rehab Bahaaddin Ashari, Sarmad Jamal, Mustafa Nooruddin, Shahbaz Siddiqui, "Authenticity, And Approval Framework For Bus Transportation Based On Blockchain 2.0 Technology", Applied Sciences, vol: 13, pp. 11323, 2023.
DOI: [10.3390/app132011323](https://doi.org/10.3390/app132011323)
6. Muhammad Luthfi Hidayat, Hariyatmi, Dwi Setyo Astuti, Bambang Sumintono, Maram Meccawy, Tariq J.S. Khanzada, "Digital Competency Mapping Dataset Of Pre-Service Teachers In Indonesia", Data In Brief, vol: 49, pp. 109310, 2023.
DOI: [10.1016/j.dib.2023.109310](https://doi.org/10.1016/j.dib.2023.109310)
7. M. L. Hidayat, M. T. Muslih, M. Mecawy and T.J.S. Khanzada, "Comparing Lexical Diversity Of Bahasa Between Students Of Islamic Studies And Engineering Using Spark-Nlp", 7th Progressive And Fun Education International Conference, Sorong, West Papua, Indonesia, 2022.
8. M. F. Syed, T. J. S. Khanzada, "Integrating Iot And Deep Learning, A Chapter In A Book Titled, The Driving Force Of Industry 4.0 Ai And Industry 4.0 Concepts", 2022.
9. M. F. Syed, T. J. S. Khanzada, A. Khan, "Automatic Jammer Signal Classification Using Deep Learning In The Spectrum Of Ai-Enabled Cr-Iot Network", 7th International Congress On Information And Communication Technology, 2022.
10. Zubaida Jastania, Rabeeh Ayaz Abbasi, Muhammad Ahtisham Aslam, Tariq Jamil Saifullah Khanzada, Khawaja Moyeezullah Ghor, "Analyzing Public Discussions About #Saudiwomencandrive Using Network Science", Ieee Access, vol: 10, pp. 4739-4749, 2022.
DOI: [10.1109/ACCESS.2021.3140073](https://doi.org/10.1109/ACCESS.2021.3140073)
11. Palli. R, Khanzada. T.J.S., Pirzada. Nasrullah, "Error Estimation For Magnetic Field Based Localization", 2nd International Conference On Computational Science And Technologies Inccst''20, 2020.
12. Kulsoom Manzoor, Sana H. Jokhio, Tariq J. S. Khanzada, Imran A. Jokhio, "Enhanced TI-Leach Routing Protocol For Large-Scale Wsn Applications", 2019 Cybersecurity And Cyberforensics Conference (Ccc), pp. 35-39, 2019.
DOI: [10.1109/CCC.2019.00-12](https://doi.org/10.1109/CCC.2019.00-12)

Publications.

13. Abdul Majeed Unar, Kulsoom Saima Unar, Shahnawaz Talpur, Tariq Jamil Khanzada, "Reconstruction And Archival Approaches With 3d Visualization Of Cultural Heritage In Museums Of Sindh Region", 2019 Ieee 6th International Conference On Engineering Technologies And Applied Sciences (Icetas), pp. 1-6, 2019.
DOI: [10.1109/ICETAS48360.2019.9117364](https://doi.org/10.1109/ICETAS48360.2019.9117364)
14. Abbas, F; Khanzada, T. J. S. , Arsalan,A., and Rathi, M., "Awareness Level And Victimization On Cyber-Crime Among Mehran University (Muet), Jamshoro, Sindh, Pakistan", International Journal Of Modern Research In Engineering And Technology (Ijmret) Volume 4 Issue 1. Pp:39-42, January 2019, 2019.
15. Murk Hassan Memon, Tariq Jamil Saifullah Khanzada, Sheeraz Memon, Syed Raheel Hassan, "Blood Image Analysis To Detect Malaria Using Filtering Image Edges And Classificatio", Telkomnika (Telecommunication Computing Electronics And Control), vol: 17, pp. 194, 2019.
DOI: [10.12928/telkomnika.v17i1.11586](https://doi.org/10.12928/telkomnika.v17i1.11586)
16. Muhammad Salman Iqbal, Tariq Jameel, Faisal .A, Asif Ali, Mukhtiar Ali, Abdul Wahab, "Analysis And Maximizing Energy Harvesting From Rf Signals Using T-Shaped Microstrip Patch Antenna", International Journal Of Advanced Computer Science And Applications, vol: 10, 2019.
DOI: [10.14569/IJACSA.2019.0100141](https://doi.org/10.14569/IJACSA.2019.0100141)
17. Manjotho; M, Khanzada; T. J. S , Thebo; L. A., and Manjotho; A. A., "Improving Performance Of Mobile Sms Classification Using Tf-Idf & Multinomial NaÏVe Bayes Classifier", Engineering Science & Technology International Research Journal (Estirj), Vol, 2 No. 1, Pp: 26-32,, 2018.
18. Wahab, S.; Khanzada, T. J. S. ; Mansoor, M.; Abro, S. A.; and Raza, A., "A Novel Approach Towards Traffic Monitoring System Using Adhoc Networking", Engineering Science And Technology International Research Journal, Vol.2, No.2, Pp:55-59, 2018.
19. Mansoor, M; Khanzada, T. J. S ; ,Wahab, S.; Abro, S.A.; and Raza, A., "Mind Controlled Robot Using Lda Classification Technique", Engineering Science And Technology International Research Journal, Vol.2, No.2, Pp:60-64,, 2018.
20. Memon, M. H. and Khanzada, T. J. S ; Hassan, S. R.; and Memon S., "Blood Image Analysis To Detect Malaria Using Filtering Image Edges & Classification", International Conference And Workshop On Telecommunication Computing Electronics And Control 2019 (Icw Telkomnika 2018) At Yogyakarta, 2018.
21. Abro, S.A.; Khanzada, T. J. S ; ,Wahab, S.; and Mansoor, M ., "Comparative Analysis Of Routing Algorithm For Simulated Underwater Sensor Network", Engineering Science And Technology International Research Journal, Vol.2, No.4, Pp:13-18, 2018.
22. Makhdoom, U and Khanzada, T. J. S., "Predicting Student Academic Performance Using Classification Algorithms: A Comparative Analysis", December 2018", Engineering Science And Technology International Research Journal, Vol.2, No.4, Pp:43-46, 2018.
23. Farooque, A. ; Khanzada, T. J. S. , and Samejo, A. A., "Student Educational Performance Analysis Using Clustering Algorithm", Engineering Science And Technology International Research Journal, Vol.2, No.4, Pp:39-42, 2018.
24. Memon; Anam, Manjotho; A.A., and Khanzada; T. J. S, "Ambiguities In Content Based Anti-Phishing Filters", Academic Journal Of Management Sciences (Ajms), Pp: 39-44, Volume 5, No 2,, 2017.
25. Sheeraz Memon, Mehak Memon, Sania Bhatti, Tariq Jamil Khanzada, Ali Asghar Memon, "Tracker For Sleepy Drivers At The Wheel", 2017 11th International Conference On Signal Processing And Communication Systems (Icspcs), pp. 1-8, 2017.
DOI: [10.1109/ICSPCS.2017.8270494](https://doi.org/10.1109/ICSPCS.2017.8270494)

Publications.

26. Mir Muhammad Lodro, Muhammad Younis Lodro, Nahdia Majeed Lodro, Tariq Jameel Khanzada, Steve Greedy, "Correlated Snr And Double Threshold Based Energy Conservation In Cognitive Radio Wireless Sensor Networks", The Second International Conference Internet Of Things, Data And Cloud Computing, pp. 1-4, 2017.
DOI: [10.1145/3018896.3056781](https://doi.org/10.1145/3018896.3056781)
27. T J S Khanzada, A Mukhtiar, Naz Bushra, M S N Talpur, A Faisal, "Evaluation And Analysis Of Network Coding At Network Layer", 2017 International Conference On Progress In Informatics And Computing (Pic), pp. 333-336, 2017.
DOI: [10.1109/PIC.2017.8359567](https://doi.org/10.1109/PIC.2017.8359567)
28. Shah Zaman, Syed Raheel, Tariq Jamil, Mohd Zalisham, "A Text Based Authentication Scheme For Improving Security Of Textual Passwords", International Journal Of Advanced Computer Science And Applications, vol: 8, 2017.
DOI: [10.14569/IJACSA.2017.080771](https://doi.org/10.14569/IJACSA.2017.080771)
29. Khanzada, T. J. S., and Shah, S. F., "Realizing Cognitive Radio Technology For Wireless Sensor Networks, A Book Chapter In The Book Titled K25747, Emerging Communication Technologies Based On Wireless Sensor Networks: Current Research And Future Applications", 2016.
30. Abro, F. R., Mcgrath, S., Khanzada, T. J. S. and Hashmani, M. A., "A Novel Approach To Minimize Peak-To-Average Power Ratio In Ofdm Using Tone Reservation Methodology", Sindh Univ. Res. Jour. (Sci. Ser.) Jamshoro, Vol. 47, No 2, Pp. 355-359, 2015.
31. Baloch, J., Khanzada, T.J.S. & S. Memon, "Evaluation Of Svr: A Wireless Sensor Network Routing Protocol", Mehran University Research Journal Of Engineering And Technology, 33(3), 315-321, <https://oaji.net/articles/2016/2712-1456079207.pdf>, 2014.
32. Anjum, M. R., Xiaowei, W., Khanzada, T. J. S., and Shaheen, M. A., "Design Of An Optical Emitting System For Scannerless Imaging Lidar Based On Zemax", Telkomnika Indonesian Journal Of Electrical Engineering Indonesian Journal Of Electrical Engineering And Computer Science, 2014.
33. Irfan Ahmed Shaikh, Farooq Ahmed, Tariq Jami Saifullah Khanzada, Iftikhar Ahmad, "Reuse Of Beverage Industry Wastewater In Textile Dyeing After Its Treatment With Ozone", Pakistan Journal Of Nutrition, vol: 13, pp. 653-656, 2014.
DOI: [10.3923/pjn.2014.653.656](https://doi.org/10.3923/pjn.2014.653.656)
34. Khanzada, T. J. S., Jaffri, S. N. A. and Zardari Z., "Dual Stack Deployment In A Carrier Grade Network To Fulfill The Demands Of Next Generation Of Internet", Mehran University Research Journal Of Engineering & Technology, Vol. 32, No 3, Pp. 519-528, <https://inis.iaea.org/Search/SearchsingleRecord.aspx?Recordsfor=SingleRecord&Rn=44098275>, 2013.
35. T.J.S. Khanzada , S. Narejo, M. Jawiad, and M. R. Anjum, "A Parametric Qos Analysis Of Wimax Scheduling Services", Science International-Lahore, Vol. 25, No 4, Pp. 1013- 1018, <http://www.sci-int.com/Pdf/91667729226--151-156--Sanam-Narejo--Rizwan---Composed.pdf>, 2013.
36. Memon, S., Khanzada, T. J. S. and Bhatti, S., "Using Reversed Mfcc And It-Em For Automatic Speaker Verification", Mehran University Research Journal Of Engineering & Technology, Vol. 31, No 1, Pp. 155-162, <https://doaj.org/article/2749f49797294faea12269e39f464899>, 2012.
37. Khanzada, T. J. S., Memon, S., and Jaffari, N. A., "An Efficient Channel Modeling For Ofdm And Time Domain Single Carrier Transmission Using Impulse Responses", Mehran University Research Journal Of Engineering & Technology, Vol. 31, No 1, Pp. 95-100, https://publications.muett.edu.pk/research_papers/pdf/Pdf207.pdf, 2012.
38. Bhatti, S., Khanzada, T. J. S., and Memon, S., "Clustering And Fault Tolerance For Target Tracking Using Wireless Sensor Networks", Mehran University Research Journal Of Engineering & Technology, Vol. 31, No 4, Pp. 769-776, https://publications.muett.edu.pk/research_papers/pdf/Pdf710.pdf, 2012.

Publications.

39. T J S KHANZADA, J A BALOCH, S BHATTI, "Distance Measurement Error Reduction Analysis For The Indoor Positioning System", Mehran University Research Journal Of Engineering Technology, Volume 31, No. 4, [Http://Publications.Muet.Edu.Pk/Research_Papers/Pdf/Pdf712.Pdf](http://Publications.Muet.Edu.Pk/Research_Papers/Pdf/Pdf712.Pdf) , 2012.
40. Khanzada, T. J. S., Memon, S., and Hashmani, A. A., "A Novel Method To Implement The Matrix Pencil Super Resolution Algorithm For Indoor Positioning", Mehran University Research Journal Of Engineering & Technology, Vol. 30, No 4, Pp. 625-634, https://Publications.Muet.Edu.Pk/Article_Detail_Abstract.Php?P_Id=170, 2011.
41. Memon, S., Khanzada, T. J. S., and Bhatti S., "Text-Independent Speaker Verification Based On Information Theoretic Learning", Mehran University Research Journal Of Engineering And Technology, Jamshoro, Pakistan, Vol. 30, No 3, Pp. 457-468, https://Publications.Muet.Edu.Pk/Article_Detail_Abstract.Php?P_Id=133, 2011.
42. Hashmani, A., Maher, M. A., and Khanzada, T. J. S., "Decentralized Hierarchical Controller Design For Selective Damping Of Inter Area Oscillations Using Pmu Signals", Mehran University Research Journal Of Engineering And Technology, Jamshoro, Pakistan, Pp. 491-498, Vol. 30, No 3, https://Publications.Muet.Edu.Pk/Research_Papers/Pdf/Pdf137.Pdf, 2011.
43. Shaikh, F. K., Khanzada, T. J. S., and Memon, N. A., "Exploiting Spatio-Temporal Correlation For Reliable Information Transport In Wsns", Mehran University Research Journal Of Engineering And Technology, Jamshoro, Pakistan, Pp. 89-104, Vol. 30, No 1, https://Publications.Muet.Edu.Pk/Article_Detail_Abstract.Php?P_Id=65, 2011.
44. Ali R. A., Khanzada, T. J. S. and Omar, A. S., "Frequency Offset Compensation For Ofdm Systems Using A Combined Autocorrelation And Wiener Filtering Scheme", Journal Of Telecommunications And Information Technology Jtit Vol. 1. Pp. 40-47, <https://www.il-pib.pl/Czasopisma/Jtit/2010/1/40.Pdf>, 2010.
45. Khanzada, T. J. S., "Wireless Communication Techniques For Indoor Positioning And Tracking Applications", 2010.
46. Tariq J. S. Khanzada, Ali R. Ali, Sameh A. Napoleon, Abbas S. Omar, "Use Of Super Resolution Algorithms For Indoor Positioning Keeping Novel Designed Wlan Signal Structure", Iwde & #039;& #039;& #039;& #039;10: 1st International Workshop On Digital Engineering, pp. 59-63, 2010.
DOI: [10.1145/1837154.1837163](https://doi.org/10.1145/1837154.1837163)
47. Ali R. A., Alsaih, A., Khanzada, T. J. S., Machac, J. and Omar, A. S., "Adaptive Symbol Length For Ofdm Systems In Doubly Selective Channels", Asia Pacific Microwave Conference (Apmc 2009), https://elmag.fel.cvut.cz/wp-content/uploads/2016/06/Apmc_2009_Adaptive.Pdf, 2009.
48. A R Ali, A Balalem, T Khanzada, J Machac , and A Omar, "Adaptive Pilot Distribution For Ofdm Systems In Time-Variant Channels", Asia-Pacific Microwave Conference Hong Kong, China, <https://ieeexplore.ieee.org/abstract/document/4958107>, 2009.
49. Ali R. A., Khanzada, T. J. S., and Omar, A. S., "Adaptive Time Interpolator For Ofdm Systems In Time-Variant Channels", Ieee Radio And Wireless Symposium, Rws- 2009, San Diego, Ca, Usa, <https://dl.acm.org/doi/10.5555/1671456.1671505>, 2009.
50. Ali R. A., Khanzada, T. J. S., and Omar, A. S., "Adaptive Guard Interval Length For Ofdm-Based Wlan Systems In Frequency Selective Channels", European Microwave Conference Eumw 2008, Amsterdam, Netherland, <https://ieeexplore.ieee.org/document/4753820>, 2008.
51. Ali R. A., Khanzada, T. J. S. and Omar, A. S., "Channel Estimation For Ofdm Systems In Rapidly Time-Variant Channels Using High Degree Channel Approximation", Ieee International Conference On Wireless And Mobile Computing, Networking And Communications, Avignon, France,, <https://ieeexplore.ieee.org/document/4654261>, 2008.

Publications.

52. Khanzada, T. J. S., Ali R. A. and Omar, A. S., "Time Difference Of Arrival Estimation Using Super Resolution Algorithms To Minimize Distance Measurement Error For Indoor Positioning Systems", Ieee Multitopic Conference, Inmic ''08, Karachi, Pakistan, 23-24 Dec., 2008.
53. A. R. ALI, T. J. KHANZADA, A. OMAR, "ICI Cancellation For OFDM Systems In Rapidly Time-Variant Channels", Ieee Transactions On Communications, 2009 Volume E92.B Issue 4 Pages 1388-1391, <https://doi.org/10.1587/transcom.E92.B.1388>, 2008.
54. Ali R. A., Balalem, A., Khanzada, T. J. S., Machac, J. and Omar, A. S., "Doppler Spread Estimation For OFDM Systems Using Newton Polynomials", Radioelektronika Conference, 2008, Prague, Czech Republic, <https://ieeexplore.ieee.org/document/4542713>, 2008.
55. Khanzada T. J. S., Ali A. R., Rajput A. Q. K., Omar A. S., "A Design And Chronological Survey Of Decision Feedback Equalizer For Single Carrier Transmission Compared With OFDM", vol: 20, pp. 378-390, 2008.
DOI: [10.1007/978-3-540-89853-5_41](https://doi.org/10.1007/978-3-540-89853-5_41)
56. Khanzada, T. J. S., Ali R. A. and Omar, A. S., "A Study Of Variable Channel Length For Single Carrier Transmission With Decision Feedback Equalizer", Ieee Radio And Wireless Symposium, 2008, Orlando, FL, Usa, Page(S): 267-270, <https://ieeexplore.ieee.org/document/4463480>, 2008.
57. T. J. S. Khanzada; A. R. Ali; and A. S. Omar, "The Effect Of Coding On OFDM And Single Carrier Transmission With Decision Feedback Equalizer", 6th Annual Communication Networks And Services Research Conference (CNSR 2008), Halifax, NS, Canada, <https://ieeexplore.ieee.org/document/4519840>, 2008.
58. Boutejdar, A., Senst, A., Khanzada, T. J. S., and Omar, A. S., "A New Compact 2.4GHz Band Pass Filter Using Direct Coupled Defected Ground Structure (DGS) Hairpin Resonators", 8th Mediterranean Microwave Symposium MMS''2008, Damascus, Syria 14-16, 2008.
59. T.J.S. Khanzada; A.R. Ali; A.S. Omar, "Time Difference Of Arrival Estimation Using Super Resolution Algorithms To Minimize Distance Measurement Error For Indoor Positioning Systems", Ieee International Multitopic Conference, Pakistan, 10471425, <https://ieeexplore.ieee.org/document/4777779> ,, 2008.
60. Khanzada, T. J. S. , Ali, R. A. and Omar, A. S., "SLDM: An Analytical Model For Reduction Of PAPR And ICI In OFDM Systems For Fast Varying Channels", Ieee Multitopic Conference, 2006. Inmic ''06, Pakistan, <https://ieeexplore.ieee.org/document/4196379>, 2006.
61. Rajput, A Q.K.; Shaikh, M Z; Khanzada, T J.S, "Use Of Holographic Environment In Business And Educational Application", Mehran University Research Journal Of Engineering And Technology; Journal Volume: 22; Journal Issue: 4, 2003.