Dr. Saif Ur Rehman (HEC Approved Ph.D. Supervisor)

Assistant Professor, University Institute of Information Technology, PMAS Arid Agriculture University,

Rawalpindi, Pakistan

Cell #: +92-343-580-2355 | Email (s): Saif@uaar.edu.pk, saifi.ur.rehman@gmail.com

Research Domains

Artificil Intelligence, Machine Learning, Data Mining, Social Network Analysis, Artificial Intelligence, Graph Data Analysis, Computer Programming Languages

Objectives

To strive for academic excellence and impart quality education with an emphasis on Computer Science and Engineering.

Academic/Professional Positions (Total Experience: 14+ Years)

July 2012 To-Now　　**Assistant Professor**
University Institute of Information Technology, PMAS Arid Agriculture University, Rawalpindi, Pakistan

July 2005 To-Jan-2007　　**Lecturer**
Buraq Institute of Science and Technology, Allam Iqbal Open University Islamabad, Pakistan

Dec- 2011 To June-2012　　**Software Developer**
PMAS Arid Agriculture University, Rawalpindi, Pakistan

Dec- 2010 To August-2011　　**Software Engineer**
National Disaster Management Authority, Prime Minister Sectrariate Islamabad, Pakistan

Feb- 2008 To Dec-2010　　**Systems Analyst/Database Administrator**
Earthquake Reconstruction and Rehabilitation Authority, Prime Minister Sectrariate, Islamabad, Pakistan

Feb- 2007 To Feb-2008　　**Trainee Systems Analyst**
Fauji Fertilizer Company, Plant Side, Goth Machii, Sadiq Abad, Pakistan

Education

2019	**P.hD(Computer Science)**	Abasyn University, Islamabad, Pakistan
2010	**MS (Information Technology)**	SZABIST, Islamabad, Pakistan
2005	**MCS** (Gold Medalist)	Gomal University, DI Khan, Pakistan
2003	**B.Sc** 3rd Position	Gomal University, DI Khan, Pakistan

Awards & Achievements

- Awarded Cash Prize on Research Publication from Vice-Chancellor PMAS – Arid Agriculture University, Rawalpindi, March **2020-2021** & **2021-2022** & **2022-2023**
- Certificate of Appreciation from Worthy Vice-Chancellor on Organizing IT Exhibition during the Silver Jubilee Celebrations held from 22nd to 27th November 2021.
- Distinguished Scholar Award from European Journal of Scientific Research, 2020
- Received a *Certificate of Appreciation* from the Institute of Higher Education Quality and Assessment, Xiamen University, Xiamen, Fujian, China, 2015.
- Received funding from **ICT & RD** Pakistan for Six final Year Research projects in 2012
- Awarded with *honorarium* at PMAS Arid Agriculture University Rawalpindi, by the Registrar's Office of the University (June 2012).
- 3rd Position in B. Sc
- Gold Medalist in MCS 2005
- Highest CGPA of 3.70 in **MS (IT),** SZABIST, Islamabad
- Having excellent **1st** division throughout the academic, with marks above 70%

Publications (Total: 70)

Journal Publications

- Abbasi, S. B., Rehman, S. U., Aziz, K., Abid, M. A., & Lee, S. W. (2025). Early diagnosis of cardiac disorders using machine learning-based decision support system. *Precision and*

Future Medicine, *9*(2), 77-91. **HEC Recgoinized X Category. Thomson Reuters Master Journal List, Impact Factor: 3.0**

- Faisal, H. M., Aqib, M., Rehman, S. U., Mahmood, K., Obregon, S. A., Iglesias, R. C., & Ashraf, I. (2025). Detection of cotton crops diseases using customized deep learning model. *Scientific Reports*, *15*(1), 10766. **HEC Recgoinized W Category. Thomson Reuters Master Journal List, Impact Factor: 3.8**

- Rana, M. R. R., Nawaz, A., Rehman, S. U., Abid, M. A., Garayevi, M., & Kajanová, J. (2025). BERT-BiGRU-Senti-GCN: An Advanced NLP Framework for Analyzing Customer Sentiments in E-Commerce. *International Journal of Computational Intelligence Systems*, *18*(1), 21. **HEC Recgoinized W Category. Thomson Reuters Master Journal List, Impact Factor: 2.7**

- Iqbal, M., Haider, S. T., Shoukat, R. S., Rehman, S. U., Mahmood, K., Villar, S. G., ... & Ashraf, I. (2025). Canned Apple Fruit Freshness Detection Using Hybrid Convolutional Neural Network and Transfer Learning. *Journal of Food Quality*, *2025*(1), 8522400. **HEC Recgoinized W Category. Thomson Reuters Master Journal List, Impact Factor: 2.7**

- Ali, T., Rehman, S. U., Ali, S., Mahmood, K., Obregon, S. A., Iglesias, R. C., ... & Ashraf, I. (2024). Smart agriculture: utilizing machine learning and deep learning for drought stress identification in crops. *Scientific Reports*, *14*(1), 1-16. **HEC Recgoinized W Category. Thomson Reuters Master Journal List, Impact Factor: 3.8**

- AlSaedi, T., Mehmood, M., Mahmood, A., Rehman, S. U., & Kundi, M. (2024). Security Threat Exploration on Smart Living Style based on Twitter Data. *Engineering, Technology & Applied Science Research*, *14*(4), 15522-15532. **Scoups Indexed**

- Haider, S. T., Ge, W., Li, J., Rehman, S. U., Imran, A., Sharaf, M., & Haider, S. M. (2024). An Ensemble Machine Learning Framework for Cotton Crop Yield Prediction Using Weather Parameters: A Case Study of Pakistan. *IEEE Access*. **HEC Recgoinized W Category. Thomson Reuters Master Journal List, Impact Factor: 3.4**

- Kanwal, B., Shoukat, R. S., Rehman, S. U., Kundi, M., AlSaedi, T., & Alahmadi, A. (2024). A New Framework for Scholarship Predictor Using a Machine Learning Approach. *Intelligent Automation & Soft Computing*, *39*(5).

- Abbas, A., Maqsood, U., Rehman, S. U., Mahmood, K., AlSaedi, T., & Kundi, M. (**2024**). An Artificial Intelligence Framework for Disease Detection in Potato Plants. *Engineering, Technology & Applied Science Research*, *14*(1), 12628-12635. **Thomson Reuters Master Journal List, Impact Factor: 1.5**

- Rauf, M. A., Bibi, S., Ali, S., AlSaedi, T., Ur Rehman, S., Mahmood, K., & Kundi, M. (**2023**). A cost effective communication model for requirements elicitation in global software development. *Scientific Reports*, *13*(1), 18730. **Thomson Reuters Master Journal List, Impact Factor: 4.6**

- Abbas, Q., Mahmood, K., Ur Rehman, S., & Imran, M. (**2023**). Covid 19 image classification using hybrid averaging transfer learning model. *Mehran University Research Journal Of Engineering & Technology*, *42*(4), 72-83. **Thomson Reuters Master Journal List.**

- Maqsood, U., Ur Rehman, S., Ali, T., Mahmood, K., Alsaedi, T., & Kundi, M. (**2023**). An Intelligent Framework Based on Deep Learning for SMS and e-mail Spam Detection. *Applied Computational Intelligence and Soft Computing*, *2023*. **Thomson Reuters Master Journal List, Impact Factor: 2.9**

- Bibi, M., Rehman, S. U., Mahmood, K., & Shoukat, R. S. (**2023**). An Intelligent Decision Support System for Crop Yield Prediction Using Machine Learning and Deep Learning Algorithms. *Proceedings of the Pakistan Academy of Sciences: A. Physical and Computational Sciences*, *60*(3). **HEC Recgoinized Y Category**

- Hussain, S., Rehman, S., Raza, S. S., Khalid Mahmood, Qamar Abbas and Mahwish Kundi (2023), Significance of Education Data Mining in Student's Academic Performance Prediction and Analysis. *International Journal of Innovations in Science & Technology*, *5*(3), 215–231. **HEC Recgoinized Y Category**

- Kanwal, T., Rehman, S. U., Ali, T., Mahmood, K., Villar, S. G., Lopez, L. A. D., & Ashraf, I. (2023). An Intelligent Dual-Axis Solar Tracking System for Remote Weather Monitoring in the Agricultural Field. *Agriculture*, *13*(8), 1600. **Thomson Reuters Master Journal List, Impact Factor: 3.6**

- Rana, M. R. R., Rehman, S. U., Nawaz, A., Ali, T., Imran, A., Alzahrani, A., & Almuhaimeed, A. (2023). Aspect-Based Sentiment Analysis for Social Multimedia: A Hybrid Computational Framework. *Computer Systems Science & Engineering*, *46*(2). **Thomson Reuters Master Journal List, Impact Factor: 4.397.**

- Hafeez, A., Ali, T., Nawaz, A., ur Rehman, S., Imran, A., Alsulami, A. A., & Alqahtani, A. (2023). Addressing Imbalance Problem for Multi Label Classification of Scholarly Articles. *IEEE Access*. **Thomson Reuters Master Journal List, ., Impact Factor: 3.476.**

- Kanwal, B., Rehman, S. U., Imran, A., Shaukat, R. S., Li, J., Alzahrani, A., ... & Alarfaj, F. K. (2023). Opinion Mining from Online Travel Reviews: An Exploratory Investigation on Pakistan Major Online Travel Services Using Natural Language Processing. *IEEE Access*, *11*, 29934-29945. **Thomson Reuters Master Journal List.**

- Asad, R., Rehman, S. U., Imran, A., Li, J., Almuhaimeed, A., & Alzahrani, A. (2023). Computer-Aided Early Melanoma Brain-Tumor Detection Using Deep-Learning Approach. *Biomedicines*, *11*(1), 184. **Thomson Reuters Master Journal List, ., Impact Factor: 4.757.**

- Arooj, S., Rehman, S. U., Imran, A., Almuhaimeed, A., Alzahrani, A. K., & Alzahrani, A. (2022). A Deep Convolutional Neural Network for the Early Detection of Heart Disease. *Biomedicines*, *10*(11), 2796. . **Thomson Reuters Master Journal List., Impact Factor: 4.757.**

- Khalil, M.I.; Rehman, S.U.; Alhajlah, M.; Mahmood, A.; Karamat, T.; Haneef, M.; Alhajlah, A. Deep-COVID: Detection and Analysis of COVID-19 Outcomes Using Deep Learning. *Electronics* **2022**, *11*, 3836. https://doi.org/10.3390/electronics11223836. **Impact Factor: 2.397.**

- Asad, R., Arooj, S., & Rehman, S. U. (2022). Study of Educational Data Mining Approaches for Student Performance Analysis. *Technical Journal*, *27*(01), 68-81.

- Rana, M. R. R., Rehman, S. U., Nawaz, A., Ali, T., & Ahmed, M. (2021). A Conceptual Model for Decision Support Systems Using Aspect Based Sentiment Analysis. *Proceedings of The Romanian Academy Series A-Mathematics Physics Technical Sciences Information Science*, *22*(4), 381-390. **Thomson Reuters Master Journal List., Impact Factor: 1.523**

- Ur Rehman, S., Liu, K., Ali, T., Nawaz, A., & Fong, S. J. (2021). A graph mining approach for ranking and discovering the interesting frequent subgraph patterns. *International Journal of Computational Intelligence Systems*, *14*(1), 1-17. **Thomson Reuters Master Journal List., Impact Factor: 1.736**

- Nawaz, A., Ali, T., Hafeez, Y., & Rashid, M. R. (2022). Mining public opinion: a sentiment based forecasting for democratic elections of Pakistan. *Spatial Information Research*, *30*(1), 169-181.

- Shaheen, M., ur Rehman, S., & Ghaffar, F. (2021). Correlation and congruence modulo based clustering technique and its application in energy classification. *Sustainable Computing: Informatics and Systems*, *30*, 100561. **Thomson Reuters Master Journal List., Impact Factor: 4.923**

- Adeem, G., ur Rehman, S., & Ahmad, S. (2022). Classification of Citrus Canker and Black Spot Diseases using a Deep Learning based Approach. VFAST Transactions on Software Engineering

- Ali, T., Ur Rehman, S., Nawaz, A., & Ahmed, M. (2022). Enhancing Reusability: An Integrated Framework for Software Requirements Classification and Prioritization. *International Journal of Software Engineering and Knowledge Engineering*, 1-38. **Thomson Reuters Master Journal List.**

- Iram, M., Rehman, S. U., Shahid, S., & Mehmood, S. A. (2022). Anatomy of Sentiment Analysis of Tweets Using Machine Learning Approach: Anatomy of Sentiment Analysis of

Tweets. *Proceedings of the Pakistan Academy of Sciences: Part A (Physical and Computational Sciences)*, *59*(2), 61-73.

- Saif Ur Rehman and Sohail Asghar, Online social network trend discovery using frequent subgraph mining, Social Network Analysis and Mining, Springer, August 2020. **Thomson Reuters Master Journal List.**

- Saif Ur Rehman, Asif Nawaz, Tariq Ali, Naveed Amin. g-Sum: A Graph Summarization Approach for a Single Large Social Network. *EAI Endorsed Transactions on Scalable Information Systems.* **Thomson Reuters Master Journal List.**

- Nawaz, A., Ali, T., Hafeez, Y., Rehman, S., Mining public opinion: a sentiment-based forecasting for democratic elections of Pakistan. *Spat. Inf. Res.* (2021). https://doi.org/10.1007/s41324-021-00420-7. **Thomson Reuters Master Journal List.**

- Khan, M. N. A., Mirza, A. M., Saleem, I., Rehman, S. U., & Wagan, R. A. (2021). Addressing Communication, Coordination and Cultural Issues in Global Software Development Projects. *EMITTER International Journal of Engineering Technology*, *9*(1), 13-30. **Thomson Reuters Master Journal List.**

- Ali, S., Tanveer, A., Hussain, A., & Rehman, S. U. (2020). Identification of Cancer Disease Using Image Processing Approahes. *Journal of Intelligent Information Systems*, *9*(2), 6-15.

- Shah, S., Shabbir, H., Rehman, S., & Waqas, M. (2020). A comparative study of feature selection approaches, 2016-2020. *Int. J. Sci. Eng. Res*, *11*(2), 469-478.

- Khan, A. Z., Rehman, S. U., Israr, H., & Aziz, K. An Enhanced Multi Density-based Clustering Technique using density level Partition (EDSCANDLP), Journal of Scientific Research, 155 (4), March 2020.

- Saif Ur Rehman and Sohail Asghar, A-RAFF: A Ranked Frequent Pattern-Growth Subgraph Pattern Discovery Approach, Journal of Internet Technology, March 2019 (Vol. 20, No. 2), **Thomson Reuters Master Journal List., Impact Factor: 1.005.**

- Saif Ur Rehman, Sohail Asghar, and Simon Fong: Optimized and Frequent Subgraphs: How Are They Related? **Published** in IEEE Access, 2018. **Thomson Reuters Master Journal List Impact Factor: 3.367.**

- Saif Ur Rehman and Saba Jamil, An optimal feature selection method using a modified wrapper based Ant Colony Optimization, Journal of the National Science Foundation, Vol. 46 (2), 2018. **Thomson Reuters Master Journal List Impact Factor: 0.515.**

- Iqbal, M., & ur Rehman, S. (2016). Association Rule Mining Using Computational Intelligence Technique. *International Journal of Computer Science and Information Security*, 14(12), 416. **Thomson Reuters Master Journal List Indexed.**

- Saif Ur Rehman, Sohail Asghar, Yan Zhuang, and Simon Fong, "Performance Evaluation of Frequent Subgraph Discovery Techniques," Mathematical Problems in Engineering, vol. 2014, Article ID 869198, 6 pages, 2014. DOI:10.1155/2014/869198, **Thomson Reuters Master Journal List Impact Factor: 1.305.**

- Rehman, S. U., Haider, A. A., Afzal, T., & Aziz, K. (2014). Measuring the Relevancy between the Tags and Citation in Social Web. Research Journal of Applied Sciences, Engineering and Technology, 7(24), 5172-5178.

IEEE, ACM International Conferences

- *Saif Ur Rehman*, Dr. Sohail Asghar and Simon Fong, An Efficient Ranking Scheme for Frequent Subgraph Patterns- **Published** In Proceedings of the 2018 10th International Conference on Machine Learning and Computing.

- *Saif Ur Rehman*, Dr. Sohail Asghar and Simon Fong, DBSCAN: Past, Present and Future, **Published** in the Fifth International Conference on the Applications of Digital Information and Web Technologies, IEEE CPS, February 2014.

- *Saif ur Rehman* , AsmatUllah Khan and Simon Fong, "*Graph Mining: A Survey of Graph Mining Techniques*", **Published** in Seventh International Conference on Digital Information Management (ICDIM 2012), held at the University of Macau, Macu, August 22-24, 2012.

- *Saif ur Rehman* and Dr. Naeem Ahmed Khan, "*An Incremental Density-Based Clustering Technique for Large Datasets*", **Published** in Computational Intelligence in Security for Information Systems 2010 Advances in Soft Computing, 2010, Volume 85, 3-11, DOI: 10.1007/978-3-642-16626-6_1.

- M.Fahim, *Saif ur Rehman*, Yasir Malik and Dr. Sohail Asghar "Multi Agent Based Decision Support System For Prioritized Emergency Fire Evacuation", **Published In** New Trends in Information Science and Service Science (NISS), 2010 4th International Conference on Issue Date 11-13 May 2010.On page(s): 457 - 463, Location Gyeongju, Korea

- Saif Ur Rehman, Khan, K., Fong, S., & Biuk-Aghai, R. (2012, October). An efficient new multi-language clone detection approach from large source code. **Published** In Systems, Man, and Cybernetics (SMC), 2012 IEEE International Conference on (pp. 937-940). IEEE. Korea

- Saif ur Rehman, MNA Khan, An incremental density-based clustering technique for large datasets, **Published** in Computational Intelligence in Security for Information Systems 2010, 3-11

Book Chapters

- Khalil, M. I., Kundi, M., Rehman, S. U., & Alsaedi, T. B. (2024). Application of Deep Learning for Detection and Analysis of COVID-19 Outcomes: Deep-COVID.

- Rehman, S. U., Khalil, M. I., Kundi, M., & AlSaedi, T. (2024). A Study on Frequent Subgraph Mining Approaches: Challenges and Future Directions.

- Mohsin Iqbal, *Saif Ur Rehman*, Saira Gillani and Sohail Asghar (2015). An Empirical Evaluation of Feature Selection Methods. Improving Knowledge Discovery through the Integration of Data Mining Techniques. **Published** Book Chapter, Advances in Data Mining and Database Management (ADMDM) Book Series, IGI Global, January, 2015.

- Muhammad Rizwan Aqeel, *Saif Ur Rehman*, Saira Gillani and Sohail Asghar (2015). A Supervised Learning Model for Perception of AGV in Unstructured Environment. Improving Knowledge Discovery through the Integration of Data Mining Techniques. **Published** Book

Chapter, Advances in Data Mining and Database Management (ADMDM) Book Series, IGI Global, January, 2015.

Student Thesis Supervision (Total: 15)

Ph.D (Computer Science):

Number of Students : 03

Mr. Rezwan Ullah Khan, Working on Machine Learning Algorithms

Mr. Ibraheem Khalil, Working on Artificial Intelligence/Data Mining

Mr. Muhammad Azhar, Working on Computer Vision/Artificial Intelligence

MS (CS) (Total: 14)

Mujhaid Aziz, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan
Title: Cancer Disease Predicion using Deep Learning Approach, 2024

Iftikhar Mehmood, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan
Title: A Deep Learning Approach For Medical Text Summarization , 2024

Maryum Bibi, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan
Title: A Deep Learning Approach For Crop Yield Monitoring, 2023

Shujat Hussain, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan
Title: Student Academic Performance Prediction Using Educational Data Mining, 2023

Areeba Ahmed, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan
Title: A Machine Learning approach for advisor discovery to students in higher education, 2021

Nimra Niaz, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan
Title: Analysis of online learning tools in covid-19 pandemic and their impact on the academic performance, 2021

Shoaib Ur Rehman, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan

Title: Sequential pattern mining in social graph data, 2021

Mudassir Rehman, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan

Title: Identification of tomato disease classification through deep learning techniques, **2020-2021**

Ammer Ahmed, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan

Title: A Ranking Scheme for a Frequent Subgraph Patterns, **2020**

Muhammad Naveed Amin, UIIT, PMAS-Arid Agriculture University, Rawalpindi

Title: Social Network Analysis Using Graph Summarization, **2019**

Sumera Qurat Ul Ain, UIIT, PMAS-Arid Agriculture University, Rawalpindi

Title: Discovery of Jumping Emerging Patterns Using Genetic algorithm, **2016**

Maimona Iqbal, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan

Title: Association Rule Mining Using Computational Intelligence Technique, **2016**

Saba Jameel, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan

Title: A Novel Approach to Feature Selection Using Ant Colony Optimization Algorithm, **2016**

Noureen Zafar, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan.

Title : Segmentation of Crops and Weeds using Supervised Learning Technique, **2014**

Mohsin Iqbal, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan

Title: A Comparative study of feature selection methods on Scientific Literature, **2015**

Muhammad Rizwan Aqeel, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan.

Title: A Classification Model For Perception In AGVs, **2015**

Muhammad Irfan, UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan

Title: An Algorithm for statistical grid-based learning, **2015**

Alam Zeb Khan, KPK Agriculture University, Peshawar, Pakistan

Title: An Enhanced Multi Density-based Clustering Technique using density level Partition (EDBCAN-DLP), **2014**

Supervised 10 MS (CS) Students of SZABIST in their MS Research, Independent Studies.

Student Final Year Projects Supervision

- Supervised 300+ Groups of students in their final year projects at Arid University, Rawalpindi.
- Conducted MS .Net Training at Institute of Management &Information Technology and Buraq IT School, Rawalpindi.
- Supervision of 50+ Undergraduate students Groups of Allama Iqbal Open University, Islamabad in their Final BS (CS) Projects.

Professional Services

- **Final Year Projects (FYP) Coordinator** at UIIT for undergrad and graduate students, to execute the process of FYP
- **Convener of IT Exhibition Committee** during Silver Jubilee Celebrations at PMAS Arid Agriculture University, Rawalpindi, Pakistan.
- **Focal Person of the PM/HEC Laptop Distribution** @ UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan.
- **Member** of the Ehsaas Undergraduate Scholarships Award Committee @ UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan, March 2021
- **Lead the team** to design a new Academic Program BS (Artificial Intelligence) @ UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan, 2020
- **Actively served in: "Departmental Academic Committee"** @ UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan
- **Convener** of Self-Assessment reports for Quality Enhancement Cell
- **Member** of the BSCS/BSIT admission Committee @ UIIT, PMAS Arid Agriculture University, Rawalpindi, Pakistan
- **Served as an External Examiner** in the Evaluation of the Synopsis of M.Sc. (Hons.) Agricultural Engineering Program, PMAS Arid Agriculture University, Rawalpindi, Pakistan. August 2021.
- Actively participated in the evaluation of the Final Year Projects of the BSCS @Buraq Institute of Science and Technology, Allam Iqbal Open University, Islamabad.

- Actively served in the management and organization of the University convocation activities during 2016-2019 @ PMAS Arid Agriculture University, Rawalpindi, Pakistan

Professional Affiliations

- **External Review of PREE,** Faculty of Computer Sciences, Ibadat International University Islamabad, Islamabad

- **External Review of PREE,** Department of Computer Sciences, Kohsar University Murree, Murree

- **Examiner/Paper Setter (Computer Science)** Punjab Public Service Commission, Rawalpindi

- **Advisor (Technical)** Punjab Public Service Commission, Rawalpindi

- **Examiner (Computer Science)** KP-Public Service Commission, Rawalpindi

- **Journal Reviewer/Editorial Members**
    - The Journal of Supercomputing, Spriger, USA
    - Open Computer Science Journal (ISI)
    - Science International" Journal (ISI/IF)
    - Technical Program Committee on 15th and 16th International
    - Conference on Frontiers of Information Technology, Islamabad, Pakistan.
    - American Journal of Data Mining and Knowledge Discovery
    - International Association of Engineers (IAENG) (Computer Science)
    - National Academy of Young Scientists (NAYS), Pakistan
    - An active member of Center Of Research in Data Engineering

Workshops/Seminars/Conferences/ Training Conducted/Attendant

- Two Days Workshops on "Database System Using Ms SQL Server", 9 and 10th August, 2021, Incubation Center, UIIT, PMAS Arid Agriculture University, Rawalpindi
- Two Days Hands On Course on " Visual Programming" 12 and 13th August, 2021, Incubation Center, UIIT, PMAS Arid Agriculture University, Rawalpindi

- Presented a Seminar on "Emergence of Artificial Intelligence and Machine Learning: A Real Dream to Future Success", 20th Septermber, 2021, via Zoom to the Faculty Members of PMAS - Arid Agriculture University, Rawalpindi.

- Three Days Hands-On training in Web Development in .Net 2016.

- One Day workshop on the "Programming Skills in Java", in 2013 at Arid University, Rawalpindi.

- One day seminar on "How to successfully complete the Final Year Projects" in 2013, 2015 at Arid University, Rawalpindi.

- One day seminar on "Data warehousing and Business Trends" in 2012, at Arid University, Rawalpindi.

- Two days IEEE Research conference ICET 2013, Islamabad Hotel Islamabad

- One Day workshop on the "Bioinformatics", organized by MAJU University, Islamabad.

- Two Days Training Course on "Effective Communication Skill" at the FFC Plant site, District Rahim Yar Khan.

- One day seminar to become aware with disasters and their management, organized by the Center for Leadership & Disaster Management, SZABIST, Islamabad

- One day Seminar on "Recognizing & Respecting Intellectual Property Rights Awareness & Issues in Pakistan" organized by SZABIST, Islamabad.

- Attended the Workshop on the understanding of "How to start the Research and approaches of the Research in the field of Computer Science and Information Technology", organized by SZABIST, Islamabad

Courses Taught (Graduate/Undergraduate Level)

Ph.D (CS) and MS(CS) :

Decision Support System, Data Mining, Advanced Topics in Data Mining, Machine Learning, Social Network Analysis, Advanced Topics in Machine Learning

MCS, MIT, BSCS, BSIT, BSSE : Parallel and Distributed Computing, MS SQL Server2008 Data Warehousing, Programming With C, Object Oriented Programming With C++, Object Oriented Programming With Java, Advance OOP (Java), MS C#.Net, MS VB.Net, Fundamentals

of Algorithms, Data Structure, Operating System ,IT Fundamentals, MS Visual C#.Net, MS VB.Net, Databases-I, Databases-II, Introduction to Networks, Introduction to IT, Visual Basic, Software Engineering-I, Oracle 10g Developer, Introduction to Computer Science, Data Base, Artificial Intelligence, Data Structure, Visual Programming, Web Design & Development Using PHP etc.

References

Prof. Dr. Sohail Asghar (Member, IEEE)

COMSATS University Islamabad,

 Islamabad, Pakistan

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Prof. Dr. Yaser Hafeez

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