

Kifayat Ullah, PhD (Asian Institute of Technology, Thailand)
 Assistant Professor Dept. Computer & Software Technology,
 University of Swat
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K I F A Y A T U L L A H

TEACHING EXPERIENCES

1. Lecturer in IT Dept. Hazara University, Mansehra

October 10, 2006 – January 23, 2015

2. Assist. Professor in Computer Science, Dept. C & ST University of Swat.

January 23, 2015 – to Date

COURSES TAUGHT AT POST GRADUATE & UNDER GRADUATE LEVEL IN COMPUTER SCIENCE

*Used to **deliver lectures** in following courses:

Computer Programming (Java, C/C++), Data Structure and Algorithms, Operations Research
 Advanced Analysis of Algorithm, Machine Learning, Data Mining, Discrete Mathematics, etc.

* Supervision

Two MS students have been graduated.

Supervising two PhD student and four MS students

COMPUTER PROGRAMMING SKILLS

C/C++, Java, MatLab, Python

EDUCATION

- 1. Ph.D (Computer Science) – Asian Institute of Technology, Thailand (Aug 2009-- May 2013)**

Thesis Title: Development of Decision Support Tool for Regional Climate Change Impact Assessment, Trend Analysis, and Hydrological Modelling

2. **MS (Computer Science)** – Asian Institute of Technology, Thailand
✓ Division / Marks: 1st(3.3 CGPA)
3. **M.Sc (Computer Science)** – Hazara University, Mansehra
✓ Division / Marks:1st (1005/1200) **Gold Medal**
4. **B.Sc (Bachelor in Science)** – Peshawar University, Peshawar
✓ Division / Marks: 1st 373 / 550)
5. **F.Sc.(Pre-engineering)** – BISE Swat
✓ Division / Marks: 1st (770 / 1100)
6. **S.S.C (Science)** – BISE Swat
✓ Division / Marks: 1st (562 / 850)

RESEARCH AND PUBLICATIONS

- Muzammil Khan , **Kifayat Ullah**, Yasser Alharbi, Ali Alferaidi, Talal Saad Alharbi, Kusum Yadav, Naif Alsharabi and Aakash Ahmad, “Understanding the Research Challenges in Low-Resource Language and Linking Bilingual News Articles in Multilingual News Archive”. Appl. Sci. **2023**, 13, 8566.
<https://doi.org/10.3390/app13158566>
- **Kifayat Ullah** , Anwar Rashad , Muzammil Khan ,Yazeed Ghadi , Hanan Aljuaid , and Zubair Nawaz, “A Deep Neural Network-Based Approach for Sentiment Analysis of Movie Reviews”. Complexity Volume 2022, Article ID 5217491, 9 pages doi:10.1155/2022/5217491
- Najib Ullah, Muhammad Ismail Mohmand, **Kifayat Ullah**, M.S.M Gismalla, Liaqat Ali, Shafqat Ullah Khan, and Niamat Ullah, “Diabetic Retinopathy Detection using Genetic Algorithm-based CNN Features and Error Correction Output Code SVM Framework Classification Model”. Wireless Communications and Mobile Computing.
- Asif Hussain, Muzammil Khan, **Kifayat Ullah**, “Student’s performance prediction model and affecting factors using classification techniques”. Education and Information Technologies doi:10.1007/s10639-022-10988-8
- Zeng Chen ,Sangeen Khan, Muhammad Abbas, Shah Nazir , and **Kifayat Ullah**, ” Enhancing Healthcare through Detection and Prevention of COVID-19 Using Internet of Things and Mobile Application”, Mobile Information Systems Volume 2021, Article ID 5291685, 11 pages, doi:10.1155/2021/5291685
- Sarwar Shah Khan, Muzammil Khan ,Yasser Alharbi ,Usman Haider,**Kifayat Ullah**, and Shahab Haider, “Hybrid Sharpening Transformation Approach for Multifocus Image Fusion Using Medical and Nonmedical Images”. Journal of Healthcare Engineering, Volume 2021, doi:10.1155/2021/7000991
- Irfan Ullah, Hameed Hussain, Shahid Rahman, Afzal Rahman, Muhammad

	<p>Shabir, Niamat Ullah, Kifayat Ullah, “ Using K-Means, LOF, and CBLOF as Prediction Tools”. <i>International Journal of Computational Intelligence in Control</i>, Vol. 13, June 2021</p> <ul style="list-style-type: none"> • A. Oluwasanmi, E. Frimpong, M. U. Aftab, E. Y. Baagyere, Z. Qin and K. Ullah, "Fully Convolutional CaptionNet: Siamese Difference Captioning Attention Model," in <i>IEEE Access</i>, vol. 7, pp. 175929-175939, 2019, doi: 10.1109/ACCESS.2019.2957513. • Sarwar Shah Khan, Muzammil Khan, Yasser Alharbi and Kifayat Ullah, "Visual Features Comparison of Smartphone and Tablet in Visual Mobile Data Minig Framework". <i>International Journal of Computer Science and Network Security</i> • Muzammil Khan , Sarwar Shah Khan , Kifayat Ullah and Ghufran Ullah, "Evalauating Interactive Visualization Techniques on Small Touch Screen Devices". <i>International Journal of Grid and Distributed Computing</i> • Kifayat Ullah, Sangam Shrestha and Sumanta Guha, "A Decision Support Tool for Selection of Suitable General Circulation Model and Future Climate Assessment". <i>Journal of Earth Science & Climatic Change</i> [Accepted in September 2012]. • Asif, Muhammad, Nitin, Tripathi, Kifayat Ullah and M.S. Sarfraz (2012). "A web based Disaster Management-Mitigation Framework using Information and Communication Technologies and Open Source Software". <i>Journal of Information Technology</i> [Accepted in June 2012] • Niamat Ullah,Kifayat Ullah,S. M. Riazul Islam,Pervaiz Khan,Sana Ullah, and Kyung Sup Kwak . "Modeling MAC Protocol Based on Frame Slotted Aloha for Low Energy Critical Infrastructure Sensor Networks". <i>International Journal of Distributed Sensor Networks</i> Volume 2015 (2015), Article ID 701418 • Ibrar Afzal, Arif Iqbal Umar, Kifayat Ullah, Imran Jehangiri. Analyzing Apriori and FP-Growth Algorithm on an Arabic Corpus. <i>International Journal of Advaned Research in Computer Science and Software Engineering</i> Volume 6, (2016). ISSN: 2277 128X • Tayyba Bibi,Faisal Bahadur, Arif Iqbal Umar, Mohammad Abrar Khan, Miraj Gul, and Kifayat Ullah, " Tuning Frequency Based Thread Pool System for High I/O Intensity Requests". <i>International Journal of Computer Science and Information Security</i>
HONORS AND AWARDS	
	<ul style="list-style-type: none"> ✓ Higher Education Commission (HEC) foreign scholarship for Master leading to PhD studies in Computer Science at Asian Institute of Technology (AIT) Bangkok, Thailand.

	✓ Gold medalist in M.Sc (Computer Science)
LANGUAGE SKILLS	
Pashto is my mother tongue. Also, excellent in reading, writing and comprehending Urdu & English languages.	
PEROSNAL PROFILE	
	Full Name : Kifayat Ullah Father's Name : Muhammad Dawran e-mail : Kifayat821 @gmail.com Telephone : +92-345-9191398 Current Address: Dept. of C & ST, University of Swat, Swat. Permanent Address: Village Sapalbandi P.O. Saidu Sharif Distt: Swat, KPK, Pakistan Date of Birth : 20 April 1982 Sex : Male Marital Status : Married
REFERENCES	
	1. Dr Sana Ullah Associate Professor Dept. Computer & Software Technology, Universitiy of Swat, Pakistan Tel: +92-3149289388 E-mail: sana@uswat.edu.pk 2. Dr Muzammil Khan Assistant Professor Dept. Computer & Software Technology, University of Swat, Pakistan Tel: +92-3349342615 Email: muzammil@uswat.edu.pk