CURRICULUM VITAE

Lecturer , Department of Computer Science,
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MOHAMMAD SHABBIR ALAM

WORK EXPERIENCE

- Working as Lecturer, **Department of Computer Science**, College of Computer Science and Information Systems, **Jazan University**, **KSA** from 2008 - till date.
- Worked as an Instructor Lecturer, Rajasthan Vidyapeeth university, 2007 to

EDUCATION

- **M.C.A(2007)** from Department of Computer Science, Aligarh Muslim University, Aligarh
- **B.Sc. Computer Science (2003)** from Magadh University, Bodh Gaya, India.

Certifications / Professional Registrations

- (OCP) **Oracle certified Professional 10g** from Oracle University.

M.C.A. DISSERTATION

"Estuddy Buddy", Department of Computer Science, Aligarh Muslim University, June 2007.

PROJECT

6 months industrial project on **"Estuddy Buddy",** using J2EE technology Ducat Noida.

RESEARCH EXPERIENCE

A. PUBLICATIONS IN INTERNATIONAL/ NATIONAL JOURNALS

1. **Kamal Upreti, Mohammad Haider Syed, Mohiuddin Ali Khan, Huda Fatima, Mohammad Shabbir Alam, A.K. Sharma, "Enhanced algorithmic modelling and architecture in deep reinforcement learning based on wireless communication Fintech technology",Optik, Volume 272, 2023, 170309, ISSN 0030-4026, https://doi.org/10.1016/j.ijleo.2022.170309.(https://www.sciencedirect.com/science/article/pii/S0030402622015674).**
2. **Hatem S. A. Hamatta, Kakoli Banerjee, Harishchander Anandaram, Mohammad Shabbir Alam, C. Anand Deva Durai, B. Parvathi Devi, Hemant Palivela, R. Rajagopal,**

Alazar Yeshitla, "Genetic Algorithm-Based Human Mental Stress Detection and Alerting in Internet of Things", Computational Intelligence and Neuroscience, vol. 2022, Article ID 4086213, 7 pages, 2022. https://doi.org/10.1155/2022/4086213.

3. Kumar, C. Ram, K. Murali Krishna, Mohammad Shabbir Alam, K. Vigneshwaran, Sridharan Kannan, and C. Bharatiraja. "A Novel Approach Based on Hybrid Algorithm for Energy Efficient ClusterHead Identification in Wireless Sensor Networks br." COMPUTER SYSTEMS SCIENCE AND ENGINEERING 43, no. 1 (2022): 259-273.

4. Syed, Mohammad Haider, Kamal Upreti, Mohammad Shahnawaz Nasir, Mohammad Shabbir Alam, and Arvind Kumar Sharma. "Addressing image and Poisson noise deconvolution problem using deep learning approaches." Computational Intelligence.

5. Mohammed Shuaib, Shadab Alam, Mohammad Shabbir Alam, Mohammad Shahnawaz Nasir ,"Self-sovereign identity for healthcare using blockchain", Materials Today: Proceedings @Elsevier,2021, ISSN 2214-7853

6. Mohammed Shuaib, Shadab Alam, Mohammad Shahnawaz Nasir, Mohammad Shabbir Alam, "Immunity credentials using self-sovereign identity for combating COVID-19 pandemic", Materials Today: Proceedings @Elsevier,2021, ISSN 2214-7853.

7. Mohammed Shuaib, Shadab Alam, Mohammad Shabbir Alam, Mohammad Shahnawaz Nasir," Compliance with HIPAA and GDPR in blockchain-based electronic health record", Materials Today: Proceedings @Elsevier, 2021, ISSN 2214-7853.

8. Kumar, Nishant, Kamal Upreti, Shitiz Upreti, Mohammad Shabbir Alam, and Meena Agrawal. "Blockchain integrated flexible vaccine supply chain architecture: Excavate the determinants of adoption." Human Behavior and Emerging Technologies 3, no. 5 (2021): 1106-1117.

9. Enhanced BitApriori Algorithm: An Intelligent Approach for Mining Frequent Itemset."

Springer International Publishing Switzerland 2015 S.C. Satapathy et al. (eds.), Proc. of the 3rd Int. Conf. on Front. of Intell. Comput. (FICTA) 2014 – Vol. 1, Advances in Intelligent Systems and Computing 327, DOI: 10.1007/978-3-319-11933-5_37.

B. PAPER PRESENTED/CONTRIBUTED IN INTERNATIONAL/ NATIONAL CONFERENCES

1. Upreti, Kamal, Vinod Kumar, Dharmendra Pal, Mohammad Shabbir Alam, and A. K. Sharma. "Design and Development of Tracking System in Communication for Wireless Networking." In Intelligent Sustainable Systems, pp. 215-226. Springer, Singapore, 2022.
2. Upreti, Kamal, Nishant Kumar, Mohammad Shabbir Alam, Ankit Verma, Mauparna Nandan, and Amit Kumar Gupta. "Machine learning-based Congestion Control Routing strategy for healthcare IoT enabled wireless sensor networks." In 2021 Fourth International Conference on Electrical, Computer and Communication Technologies (ICECCT), pp. 1-6. IEEE, 2021.

C. SEMINARS

✓ AI TOOLS & TECHNIQUES , presented in Department of Computer Science, Jazan University.

D. QUALITY WORKSHOP ATTENDED

- ✓ Attended **"Program and course specifications according to NCAAA templates 2020"** organized by DAD on Sep 7, 2020.

- ✓ Attended **"Program Self Study Report :From A to G"** on 26/11/2018 organized by DAD.

E. ACHIEVEMENTS

- ✓ **NCAAE Member Std-4** at Jazan University 2017-2019 – till date
- ✓ **Course Coordinator** of **Theory of Compilers** 2019- till date.
- ✓ **Curriculam Committee (CRC) member** from 2009-2011.
- ✓ Member of **Graduation Project Committee (GPC)** from 2017-2018.
- ✓ **Track Leader** of **Operating Systems** 2010- 2015
- ✓ **Track Leader** of **Algorithm & Complexity** 2015-2017
- ✓ **Course Coordinator** of **Theory of Compilers** 2009 -2017**.**

F. PROFESSIONAL MEMBERSHIPS

- ▪ Association for Computing Machinery (ACM).

FIELDS OF INTEREST
1. Machine Learning &AI
2. Computer Vision and Image processing

PAPER TAUGHT

- Theory of Compilers
- Elective 2 (Advance Java)
- Java Programming
- Programming 1 (JAVA)
- Data Structure and Algorithm 1 & 2
- Structure Programming Language.
- Operating System
- Discrete Structure.
- Digital Logic
- Computer Organisation
- Introduction to Computer

PROJECT SUPERVISED

1. Kiosk Management System (Fall 2015-2016)
2. Online Live Meeting (Spring 2016-2017)
3. JUTMS (Spring 2017-2018)

PERSONALITY TRAITS

Comprehensive problem solving abilities, excellent verbal and written communication skills, ability to deal with people diplomatically willingness to learn, team facilitator.

DECLARATION

I hereby declare that the above mentioned particulars are true to the best of my knowledge and belief.

Place: Jazan

Date: *(Mohammad Shabbir Alam)*