CURRICULUM VITAE

SYED MUJTIBA HUSSAIN

Assistant Professor, Department of Computer Science and Engineering
Islamic University of Science and Technology, Kashmir
Email: syed.mujtiba@islamicuniversity.edu.in

Education

- Ph.D. (Pursuing), NIT Srinagar
- M.Tech in Communication and Information Technology, NIT Srinagar (2011)
- B.E in Computer Engineering, UoK (2008)
- Three-Year Diploma in Computer Engineering, J&KBoTE (2004)

Academic Experience

- Assistant Professor, IUST (2014–Present)
- Assistant Professor, NIT Srinagar (2011–2014)

Publications (Citations: 155)

1. Hussain SM, Begh GR. A multi-objective priority aware task scheduling in fog–cloud environment using improved meta-heuristic algorithm. *Int J Syst Assur Eng Manag*. 2024:1–15. **SCOPUS (CiteScore: 4.7)**
2. Ali A, Hussain SM, Begh GR. 6G and IoT use cases. In: *6G Wireless*. 2023. p. 315–340.
3. Hussain SM, Begh GR. Hybrid heuristic algorithm for cost-efficient QoS aware task scheduling in fog–cloud environment. *J Comput Sci*. 2022;64:101828. **SCIE (IF 3.7)**
4. Hussain SM, Yousu S, Bisma S, Siddiqi M, Khaki ZG. Analysis of LSB and DWT steganography techniques over various attacks. *Int J Adv Eng Res Dev*. 2018.
5. Hussain SM, Yousuf S, Bisma S, Siddiqi M, Khaki ZG. Comparison of LSB and DWT steganography techniques. *Int J Adv Eng Res Dev*. 2018
6. Hussain SM, Gadhi S, Ara N. Effect of noise over MRI segmentation techniques. *Int J Adv Eng Res Dev*. 2018.Afshan N, Qureshi S, Hussain SM. Comparative study of tumor detection algorithms. In: *Proc Int Conf Med Imaging, m-Health Emerg Technol*. 2014.
7. Hussain SM, Beigh GR. Impact of DDoS attack (UDP flooding) on queuing models. In: *Proc 4th Int Conf Comput Commun Technol*. 2013.

8. Bhat MA, Arfaat PG, Hussain SM. Audio watermarking in images using wavelet transform. *Int J Comput Sci Technol.* 2011

Patent

- Apple Leaf Disease Detection Using Deep Learning Algorithms, Dec 2021, *published*

Faculty Development Programs

- Machine Learning for IoT Engineers: From Devices to Data, NSUT & EICT Academy, 2026 (Online)
- Innovative Teaching and Learning Pedagogy, Research Foundation of India, 2025 (Online)
- Research Prospects in Computer Science, IUST, 2024 (Offline)
- Internet of Things Workshop, IUST, 2023 (Offline)
- Machine Learning and Internet of Things, Global Institute of Science and Technology (An Institution of ICARE) ICARE complex, Hatiberia, Hald 2022 (Online)
- Nature Inspired Optimization Techniques using MATLAB, IIT Roorkee, 2020 (Online)

Skills

MATLAB, C/C++, CloudSim, NS-3, Python

Certifications

- CCNA (Cisco Certified Network Administrator)
- MCP (Microsoft Certified Professional)

Additional Responsibilities

1. Coordinator, e-Yantra (2022 till date)
2. I/C Head, Dept. of CSE (2016-2019)
3. Coordinator Examination, Dept. of CSE (2023-2025)