

ABDUL MAJID FAROOQI

ASSISTANT PROFESSOR



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Jamia Hamdard, New Delhi. India

I hold a BCA and M.Sc. degree in Computer Science, along with an M.Tech. and a Ph.D. in Computer Science and Engineering, all obtained from Jamia Hamdard in New Delhi, India. My academic and research achievements encompass numerous publications in esteemed journals and international conferences. At present, my research focus lies in the areas of Fog Computing, Cloud Computing, Edge Computing, and Federated Learning.

EDUCATION

Ph.D. (CSE)

Jamia Hamdard | 2022

M.Tech. (CSE)

Jamia Hamdard | 2017

M.Sc. (CS)

Jamia Hamdard | 2015

BCA

Jamia Hamdard | 2013

EXPERIENCE

Assistant Professor

11-2023 ~ Present | Center for Distance & Online Education |
Jamia Hamdard, New Delhi

06-2023 ~ 11-2023 | Department of Computing & Artificial
Intelligence | NIMS University, Jaipur, Rajasthan

Teaching Assignments

- Courses:
 - BCA, B.Tech., B.Sc., (CS, IT), M.Sc. (CS)
- Subjects:
 - Java, C Programming, OOP in C++, Basics of Computer, Cloud Computing

AREA OF INTEREST

Computer Networks

Fog Computing

Cloud Computing

Federated Learning

ADMINISTRATIVE RESPONSIBILITIES

BCA Program Coordinator | Coordinator of Course
Content Writing Committee | Member of Admission
Committee | Member of CIQA | Member of Fee Committee
| Member of LMS Sub-committee

ACADEMIC PROJECTS

Ph.D (CSE)

Innovation of Fog Computing Model for Smart City Sustainable Development

- Developed a priority-based fog computing model for smart urban vehicle transportation.
- Reduced delay and latency of fog computing by 35% and 20% respectively.

M.Sc. (CS)

Smart Hiring System

- The aim of this project is all about hiring of the users. Where frontend is javascript & backend is SQL Server 2005

M.TECH (CSE)

Comparative Analysis of Green Cloud Computing

- Presented some innovative ideas for home users as well as for the cloud data centers to reduce power consumption and CO2 emission
- Also discussed a different kind of power measurement techniques that measure the power and electricity of a data center

BCA

The Mobile Store Management System

- The aim of this project is to provide computerization of a small enterprise whose main goal is to keep track on their inventory and billing process. Where frontend is Java & backend is MS Access.

FDPS | WORKSHOPS | SEMINARS

Participated in 5-day long Faculty Development Program on **Building Web Development Solutions with Cloud Computing**. Organized by AICTE & Next Gen Employability Program
Nov | 2024

Attended One Week long Faculty Development Program on **Machine Learning**. Organised by Department of Computer Science and Engineering, Jamia Hamdard, New Delhi
Aug | 2019

Attended two weeks long Faculty Development Program on **Cloud Computing**. Organised by Department of Computer Science and Engineering, Jamia Hamdard, New Delhi
Jan | 2019

Attended two weeks long Faculty Development Program on **Data Analytics**. Organised by Department of Computer Science and Engineering, Jamia Hamdard, New Delhi
Jan | 2018

Attended National Workshop on **Challenges and Opportunities in Data Analytics and its Applications**. Organised by Department of Computer Science and Engineering, Jamia Hamdard, New Delhi | Sponsored by SERB-DST
Oct | 2017

Attended Workshop on **Use of ICT in Sustainable Development**. Organised by Department of Computer Science and Engineering, Jamia Hamdard, New Delhi | Sponsored by SERB-DST
Oct | 2017

RESEARCH AND PUBLICATIONS

GOOGLE SCHOLAR

Total citations: **94**

h-index: **4**

Total Publications: **9**

EXTRACURRICULAR ACTIVITIES

- Member of the student council committee of the International Conference on **ICT for Digital, Smart, and Sustainable Development** 2019-20, (ICIDSSD'19).
- Collpoll Coordinator at Nims University
- Events Coordinator at Nims University

PERSONAL INFO

- Father's Name: Mr. Abdul Malik Farooqi
- Date of Birth: 23-12-1990
- Sex: Male
- Marital Status: Married

SOCIAL MEDIA



www.linkedin.com/in/amfarooqi



<https://twitter.com/amfarooqi90>



www.facebook.com/amfarooqi90

LANGUAGES

- English
- Urdu
- Arabic

CONFERENCE PRESENTATIONS

"6th International Conference on **Communication and Electronics Systems (ICCES)**", Approaches of Shared Smart Parking Model in Fog and Roadside Cloud Environment: A Detailed Survey

July 2021 | **Coimbatore** | India

"3rd International Conference on **Computing and Communications Technologies (ICCCT)**", Sustainability and Fog Computing: Applications, Advantages and Challenges

February 2019 | **Chennai** | India

SELECTED PUBLICATIONS

An Efficient ANN-Based Soft Computing Approach for Energy Optimization in Wireless Sensor Networks

2024 | IJCNIS | Scopus Indexed

A Fog Computing Model for VANET to Reduce Latency and Delay Using 5G Network in Smart City Transportation

2022 | Applied Sciences | MDPI

Approaches of Shared Smart Parking Model in Fog and Roadside Cloud Environment: A Detailed Survey

2021 | IEEE Xplore | IEEE

Sustainability and Fog Computing: Applications, Advantages and Challenges

2019 | IEEE Xplore | IEEE

Predictive Analytics And Modeling Of Big Data Through Mutual Contraction Of Map-Reduce And R- Programming Libraries

2019 | Acta Technica Corviniensis | Bulletin of Engineering

Comparative Analysis of Green Cloud Computing

2017 | IJARCS