

# 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), MCA
- Subjects Thought:
  - Java, C Programming, OOP in C++, Basics of Computer, Cloud Computing, Operating Systems

## AREA OF INTEREST

Edge Computing

Fog Computing

Cloud Computing

## ADMINISTRATIVE RESPONSIBILITIES

Computer Science Programs Coordinator | LSC  
Coordinator | Coordinator of Course Content Writing  
Committee | Member of Admission Committee | Member  
of CIQA | Member of Fee Committee | Member of LMS Sub-  
committee | CDOE Exams Tabulator

## 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.

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## SELECTED FDPS | WORKSHOPS | SEMINARS

Attended 10-days long Faculty Development Program on **NEP 2020 Orientation & Sensitization**. Under the Malaviya Mission Teacher Training Programme of UGC. Organized by Jamia Millia Islamia, New Delhi  
May | 2025

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 **Data Analytics**. Organised by Department of Computer Science and Engineering, Jamia Hamdard, New Delhi  
Jan | 2018

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

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 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

## RESEARCH AND PUBLICATIONS

### GOOGLE SCHOLAR

Total citations: **137**

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-2023
- **Events Coordinator** at Nims University-2023

### 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](http://www.linkedin.com/in/amfarooqi)



<https://twitter.com/amfarooqi90>



[www.facebook.com/amfarooqi90](http://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