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SHAN-E-FATIMA

Persona:

An optimistic lady full of life. Believes in smart work. Strong and determined. Sky is not the limit for me.

Education:

Sr. No.	Name of Course/Degree	Name of Institute	Year of Passing	Percentage (%)
1	PhD	Shri Krishna University, Chatarpur, M.P	Pursuing	
2	M. Tech (CSE)	Graphic Era University, Dehradun	2012	72.0
3	B.Tech (IT)	Graphic Era Institute of Technology, Dehradun	2009	76.7
4	Class 12th	SJS Public School Raebareli (CBSE)	2005	70.0
5	Class 10th	SJS Public School Raebareli (CBSE)	2003	85.0

Experience:

Sr. No	Employer-College/University	Post/Designation	Period
1	Khwaja Moinuddin Chishti language University, Lucknow	Assistant Professor in CSE	Continuing since July 2020
2	Feroze Gandhi Institute of Engineering and Technology, Raebareli	Assistant Professor in CSE	2 years
3	Shivalik College of Engineering, Dehradun	Sr. Lecturer in CSE	2 years
4	Graphic Era University, Dehradun	Lecturer in CSE/IT	2 years

Software Skills:

- C
- C++
- SQL
- JAVA

Areas of Interest:

- Artificial Intelligence and Machine Learning
- Soft Computing
- OOPS
- Big Data
- Software Analysis
- Software Testing
- Network Security and Cryptography
- Fundamentals of Computer and C Programming

Academic Achievements:

- **International Patent Granted** titled IoT based automated green energy management of public gardens
- **Indian Patent Published** titled Enhanced Cybersecurity system for data communication to secure IoT devices
- **Sarva Shiksha Samman** by the Govt.of Uttar Pradesh
- Received **Emerging Scientist Award** in the *International Scientist Awards in Engineering, Science and Medicine, INSO Awards*
- Certificate of Participation in **One -Week Faculty Development Program on Quality Assurance in higher Education Institutions: A glance of revised NAAC Framework** held by IQAC, BHU, Varanasi, U.P 18th to 23rd Oct,2021
- Certificate of Participation in **One-Week Faculty Development Program on Research Methodology & Paper Publication** held by the Dept. of Commerce KMCLU, Lko 8th to 14th June, 2022
- Certificate of Participation of 2-day **Workshop** on *NEP 2020 Implementation* held by Aligarh Muslim University
- **Presented paper** on the topic “Performance Enhancement of Underwater Acoustic Communication using Deep Learning Approach” in 3-days **National Conference on Advancement in Interdisciplinary Research (NCAIR-2021)** 29th to 31st July,2021
- **Presented paper** on the topic “AI Based Multipath Transmission Model for WSN Energy Efficiency” in 3-days **International Conference on Advancement in Interdisciplinary Research (NCAIR-2021)** Oct 26th to 28th, 2021
- **Presented paper** on the topic “Detection of under water changes using Artificial Intelligence to establish the Acoustic Networks ” in 2-day **National Seminar on Climate Change, Environment, & Sustainable Development (CCESD-2022)** scheduled on 24-25, Aug 2022 at KMC Language University, Lucknow, U.P
- **Research paper** titled “Speaker Recognition in the case of emotional environment using transformation of speech features” published in International Journal ACM ICPS and is indexed by ACM Digital Library
- **Research paper** titled “Image Segmentation using improved watershed algorithm” published in UGC approved International Journal IJCSIT
- Another research paper in the field of Secure Web Development Framework accepted by ACM Proceedings

- **Best Paper Award** in CUBE International Information Technology Conference & Exhibition, Pune, India
- **Research paper** titled “Simulative study based on Mobility Network using Routing Protocol” published in UGC approved International Journal IJCSIT

Extra-Curricular Achievements/Responsibilities held/holding:

- Convener, IIC Institution’s Innovation Council
- BoS Member: Designed Syllabus for B.Tech CSE and M.Tech AIML
- Proctorial Board Member
- Eminent Speaker in International Seminar on New Education Policy & Sustainable Development
- Paper Setter, Evaluator and Examiner
- Mentored and conducted Tech Fest of AIML Projects
- Subject in-charge for B.Tech AIML
- Supervisor to M.Tech Dissertation
- Generated the official e-mail ids of all the teachers, students and the office staff of KMC Language University, Lucknow
- Framed a proposal for the virtual lab structure
- Asst.Controller Examination
- Convener 15-days Induction Program
- Attended as well as Organised number of Webinars/Seminars
- SPOC and Mentor of Smart India Hackathon 2022, a National Level Govt. Event
- Member Website Administration, KMCLU
- Member Cultural Committee, KMCLU
- NAAC Criteria Committee Member
- Sub-Nodal officer of Darpan Dashboard, a govt.project
- Co-Ordinator Mou KMCLU & EduNet, Microsoft
- Received number of participating, organizing and winning certificates in various technical and non-technical events

Hobbies:

- Composing **Poems**
- Filling ‘Sudoku’.
- Playing Badminton
- Collecting Stamps
- Decorating pots
- Writing Diary

Key Strengths:

- Optimistic
- Focused
- Diligent
- Innovative
- Adaptive

Academic Projects:

1. M.Tech Thesis

- Speech Processing: Speaker Recognition in case of emotional environment using transformation of speech features.

2. B.Tech Projects

- Taxation: The project was designed to make the tax calculation easy and accurate
- Human Resource Recruitment Process: The project meant to make the recruitment process easy for the employees and applicants as well. Website of the institute-Graphic Era Institute of Technology

Industrial Training:

- Bhartiya Sanchar Nigam Limited Raebareli

Personal Details:

Date of Birth:	June 03-1989
Marital status:	Married
Spouse:	Meesam Imam