RESUME

PERSONAL DETAILS

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DOB:06/05/1983 **NATIONALITY: INDIAN**

Address: Flat 302 Nova Jyoth Residency, Gachibowli Hyderabad India 500032

SKILLS

- Research
- Assessment and Feedback
- Technological Integration
- Mentoring
- Innovation
- Effective Communication
- Time Management
- Cultural Competence
- Professional Development
- Classroom Management
- Multitasking
- Problem-solving
- Adaptability
- Professionalism
- Teamwork
- Confidentiality

LANGUAGES

English
URDU

SAFIA SHAIK

ASSISTANT PROFESSOR

PROFILE SUMMARY

Dedicated Assistant Professor with over 20 years of experience in teaching, research, and curriculum development. Committed to fostering student engagement and success in technology and computer science disciplines. A highly motivated and knowledgeable Electronics & Computer Science Teacher with a passion for educating and inspiring students. Experienced in using current technology to create engaging and interactive learning experiences

EDUCATION

Ph.D in Electronics and Communication Engineering | 2021-Present

Sathyabama Institute of Science and Technology(Deemed to be University,Chennai)

M.Tech(Master of Technology) in VLSI System Design | 2010-2012

Jawaharlal Nehru Technological University Hyderabad

B.Tech (Bachelor of Technology) in Electronics and Communication Engineering |2001-2005

Jawaharlal Nehru Technological University Hyderabad

EXPERIENCE :18+ years

Assistant Professor

Maulana Azad National Urdu University | 2014-Till Date

- Integration of Technology and Innovation: Always incorporating emerging technologies and innovative teaching methods to enhance the learning experience and keeping the curriculum aligned with industry standards.
- Student Assessment: Evaluating student performance through grading, providing feedback, and maintaining the academic records.
- Academic Advising: Guiding students on academic matters, including course selection, research projects, and career planning.

TECHNICAL SKILLS

- Embedded Systems and Microcontrollers
- Artificial Intelligence
- Machine Learning IOT(Internet
- of Things)
- Programming Languages (c,python etc..)
- Robotics
- Printed Circuit Board (PCB) Design
- Analog and Digital Circuit Design

Signal Processing Power Electronics
- Instrumentation and Measurement
- Data Communication
- Digital Electronics
- Basic Electronics
- VLSI
- Digital Signal Processing
- Signals & Systems Control
- Systems
- Data Communication & Networking
- MATLAB ,HDL etc...

Sri Venkateswara Engineering College | 2008 -2012

- Responsibilities:
- Maintained regular office hours to offer academic guidance and support to students.
- Supervised and mentor students on research projects, internships, theses, or dissertations.
- Continuously updated course content to incorporate the latest advancements and trends in the field.

TKR College of Engineering &Technology |2013-2014

- **Responsibilities:**
- Prepared and deliver engaging lectures and instructional materials for undergraduate and/or graduate courses.
- Design comprehensive syllabi, assignments, assessments, and supporting course documents.
- Evaluated and grade student work, providing timely and constructive feedback to support learning.

Administrative and Department Responsibilities:

- Currently serving as Warden at MANUU Girls Hostel,Hyderabad

- Incharge Head of the Department – Electronics and Communication Engineering (ECE)

- Served as Department Coordinator, overseeing academic and administrative activities

- Appointed as Polling Officer and Counting Officer during government elections.

- Served as Invigilator for multiple national and state-level entrance examinations.

- Coordinated and conducted university-level programs and competitions to foster student engagement and development.

CERTIFICATIONS |COURSES

- NPTEL online Certification (Elite): Machine Learning
- Participated in Advanced Pedagogy Certificate Course at BSNL Hyderabad
- Completed Refresher and Orientation Courses
- Completed Training of Trainers Program under NITTTR INDIA
- Conducted Student Induction Programs and Delivered lectures

- Attended FDP from 05/01/2026 to 10/01/2026 conducted by MANUU on

6 days capacity building program into curriculum

FUNDED RESEARCH PROJECT |BY MANUU(MRP)

Research project titled: (2024-2025)

- Project titled 'Air Quality Monitoring System' was selected by the university and awarded a grant of ₹65,000 for its development."

PATENTS | PUBLICATION

(Patent)   Title of the invention : CASCADED MULTILEVEL PV INVERTER WITH IMPROVED HARMONIC PERFORMANCE DURING POWER IMBALANCE BETWEEN POWER CELLS

- Application Number: Application No.202441048677 A
- Application Date:05/07/2024
- **Latest Publications:**
- Automated Marine Mammals Classification using CNN -Conference -July 2024
- Analysis of Text Extraction from Image using **Python** -Oct 2023
- Empowerment of Women -Impact, Challenges & Strategies for the vision Viksit Bharat- ABRSM Women's Conference 2024
- Speech Recognition with FPGA implementation for stable extraction for auto regressive Models -June 2020

(Mrs.Safia Shaik)