

# Mr. Mohammed Rafi

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## Professional Profile

Dedicated and accomplished Computer Science academician with 15+ years of experience in teaching, research, and mentoring students. Expert in programming, AI, cloud computing, databases, and software engineering. I am skilled in designing innovative curricula, integrating emerging technologies into education, and guiding student research to promote academic excellence

### Lecturer / Assistant Professor | 2013 – Present

- **Designed and delivered** a diverse range of undergraduate and postgraduate courses, including *Programming, Artificial Intelligence, Cloud Computing, Database Systems, and Software Engineering*, ensuring that course content aligns with modern industry and academic trends.
- **Supervised and evaluated** more than **50 undergraduate and postgraduate research projects and theses**, guiding students in formulating research objectives, applying methodologies, and publishing scholarly work.
- **Integrated Artificial Intelligence (AI) tools** and emerging technologies into teaching practices to enhance student engagement, creativity, and critical thinking in both theoretical and practical subjects.
- **Developed course materials, lab manuals, and assessment tools** that promote experiential learning and skill-based education.
- **Conducted independent and collaborative research** focusing on the role of AI in education, database optimization, and e-learning technologies, resulting in **peer-reviewed publications** and conference presentations.
- **Organized and coordinated academic workshops, seminars, and training sessions** for students and faculty to promote technological awareness and continuous professional development.
- **Contributed to departmental curriculum development**, ensuring the integration of cutting-edge topics such as machine learning, data analytics, and cloud architecture into the academic syllabus.
- **Mentored students** in academic performance, project development, and career planning, fostering an environment of innovation, inclusivity, and academic integrity.

**Collaborated with cross-departmental teams** to implement research-based teaching strategies and enhance institutional academic standards

## Education

Degree	Major	Establishment
Master of Engineering	Computer Science and Engineering	Osmania University, Hyderabad, India
Bachelor of Engineering	Computer Science and Engineering	Osmania University, Hyderabad, India

## Managing Engineering Software Licensing @ NBU (2015 –till date)

S. No	Software	Version
1	Aspen	V10
2	ANSYS	18.2
3	ETAP	16.2
4	SAP2000	19
5	MATLAB	R2017b
6	MINITAB	18
7	AUTOCAD	2018
8	C++	DEV
9	Microsoft Project	latest
10	Adobe Reader	latest
11	CADENCE	17.2
12	LINGO	17
13	SIMUL8	2017
14	SOLIDWORKS	2017
15	MDSOLIDS	4
16	MYSQL	5.7
17	PSPP	1.0.1
18	Microsoft Office	2016

## Certifications

Microsoft Certified: Azure  
Fundamentals

Microsoft Certified: Azure  
Administrator Associate

ISO 22301: Business Continuity Management  
Systems

ISO/IEC 20000-1:2018 ITSM System  
Awareness



## Google cloud:

- Introduction to Generative AI Studio
- Create Image Captioning Models
- Transformer Models and BERT Model
- Attention Mechanism
- Introduction to Image Generation
- Encoder-Decoder Architecture
- Responsible AI: Applying AI Principles with Google Cloud
- Generative AI Fundamentals
- Introduction to Responsible AI
- Introduction to Large Language Models
- Introduction to Generative AI

## قدراتك

1 . أساسيات الثقة والهوية الرقمية في القطاع الحكومي التفكير 2. التصميمي في

القطاع الحكومي

3. القيادة والابتكار في القطاع الحكومي تحسين

4. محركات البحث للمواقع الحكومية تصميم الخدمات الرقمية الحكومية 5. تطبيقات الذكاء

الصطناعي في القطاع الحكومي