



SHAIK KAREEM AHMMAD

Professor in Physics



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<https://www.scopus.com/authid/detail.uri?authorId=55382245400>

<https://www.webofscience.com/wos/author/record/926241>

SUMMARY

With over 18 years of teaching experience in engineering physics, I've consistently achieved good academic results and garnered positive feedback from students. As the head of the department of Physics, I lead a team of teaching and non-teaching staff, fostering a collaborative and productive environment.

My dedication to research is evident in the publication of over 30 quality papers in Scopus index journals. Additionally, my work has led to the granting of four international patents, showcasing innovative contributions to the field. Collaborations with industry giants like Corning Incorporated, USA, highlight my commitment to real-world applications, particularly in machine learning-based glass materials. Moreover I successfully completed a consulting project with IEEE, wherein I led the development and installation of a working model of Sir J.C Bose mm waves at the IEEE head office. As the Publication Coordinator at the Faculty of MJCET,

I am entrusted with ensuring the quality of research papers published, thereby contributing to the attainment of NIRF ranking and NAAC accreditation

SKILLS

- Curriculum & Course Design
- Academic Support & Collaboration
- Educational Technology
- Research & Scholarly Writing
- Scientific & Technical Proficiency

EXPERIENCE

Professor

Muffakham Jah College of Engineering & Technology
2025-Current

Associate Professor

Muffakham Jah College of Engineering & Technology
2019-2025

Assistant Professor

Muffakham Jah College of Engineering & Technology
2006-2019

Assistant Professor

Ayaan College of Engineering & Technology
2004-2006

EDUCATION

Ph.D (Physics)

2015/11
Osmania University, Hyderabad

M.Sc (Physics)

2004/04
Osmania University, Hyderabad

B.Sc (M.P.C)

2002/03
Kakatiya University, Warangal

Intermediate (M.P.C)

1999/06
Board of Intermediate Education

S.S.C

1996/03
Secondary School Certificate

ACTIVITIES

- Teaching engineering physics courses to students. Supervising laboratory sessions for practical learning. Conducting internal and external practical examinations Acting as the coordinator of the Department of Physics, leading and managing a team of teaching and non-teaching staff. Publishing research papers in high-quality journals indexed in Scopus/Web of Science.
- Engaging engineering students in research activities, including paper publications and projects, to enhance their academic experience and foster their professional growth.
- Acting as a mentor for students and motivate them towards entrepreneurship and startups.

PUBLICATIONS , PATENTS , R & D PROJECTS

Scopus

36 Documents 559 Citations 15 H-INDEX

Web of Science

35 Documents 514 Citations 15 H-INDEX

Patents

1 Australian innovation Patent 2 German Utility Patent 1 South Africa Patent

R & D Projects

1 IEEE consulting Project Working Replica of Sir J.C Bose mm wave experiment

2 AICTE-MIC Innovation Project Grant: 5 Lakh (2024-2025)
Title : Fabrication of electronic kit using spectrophotometric method to detect contaminants in Oils such as olive oil and vegetable oil

ADMINISTRATIVE RESPONSIBILITIES

Head of Physics Section

Muffakham Jah College of Engineering & Technology

2017-Current

Coordinator of Research Publications

Muffakham Jah College of Engineering & Technology

2022-Current

Nodal Officer (IRINS & Vidwan Portal)

Muffakham Jah College of Engineering & Technology

2022-Current

PERSONAL INFORMATION

Language Known : English, Urdu, Hindi, Telugu

Date of Birth : Jun17, 1982

Sex : Male

Passport Number : R5282177

Father's Name : Mr. Sayeed Ali

Marital Status : Married

Nationality : Indian

I hereby declare that all the information provided above is true to the best of my knowledge and belief



(Dr. Shaik Kareem Ahmmad)