



Dr. Md. Abdul Raheem Junaidi

Associate Professor and Placement Coordinator,
Department of Mechanical Engineering, MJCET, Hyderabad

Scopus Profile: <https://www.scopus.com/authid/detail.uri?authorId=60006972100> (H-Index -04)

Vidwan Profile: <https://mjcollege.irins.org/profile/335527> (Score: 8.2/10)

Google profile: <https://scholar.google.co.in/citations?user=W2W9B40AAAAJ&hl=en> (H-Index-08)

CONTACT

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MJCET, Hyderabad, Telangana

[MJ College profile](#)

EDUCATION

Ph.D. in Mechanical Engineering

- Graduated: 2022/05, CGPA: 9.0/10.
Birla Institute of Technology and Science,
PILANI

M.E. (Turbo Machinery)

- Graduated: 2012/09, Percentage: 74%.
OSMANIA UNIVERSITY, Hyderabad, T.S.

B.E. (Mechanical Engineering)

- Graduated: 2010/06, Percentage: 79%.
OSMANIA UNIVERSITY, Hyderabad, T.S.

Intermediate (M.P.C.)

- Graduated: 2006/06, Percentage: 94%.
Board Of Intermediate Education, T.S.

S.S.C.

- Graduated: 2004/03, Percentage: 82%.
Secondary School Certificate, T.S.

SKILLS

- CAD & CAE Software like ANSYS, SOLIDWORKS, and AUTOCAD.
- Curriculum & Timetable Planning.
- Research Writing & Patents.
- Placement Training & Coordination.
- Industry-Academia Collaboration.
- Mentoring and guiding students.
- Time Management & Flexibility.

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Urdu (Fluent)

PROFILE

A dedicated Mechanical Engineering faculty member with over 12 years of research and academic experience at MJCET, Hyderabad. Additionally, I possess 3 years of industry experience, including Technical Writer and Programmer Analyst roles. I have authored 17 Scopus journal publications apart from 25 international peer-reviewed publications. I am the first Ph.D. recipient to achieve two Indian grant patents from my Ph.D. research. I was awarded the Young Engineer of the Year by the IEI and the Government of Telangana in 2023. I am a gold medalist and an academic topper in the S.S.C., Intermediate, and Ph.D. I actively contribute to student development through mentorship, project guidance, and SAE event coordination. I serve as Placement & Training Coordinator and contribute to accreditation efforts such as NBA, NAAC, and AICTE. I am a member of multiple professional societies and serve as an editorial reviewer for reputed international journals.

WORK EXPERIENCE

Muffakham Jah College of Engineering & Technology 2013 - PRESENT

Assistant Professor & Placement Coordinator

- To deliver undergraduate courses in Mechanical Engineering with a focus on Thermal Engineering subjects like Hydraulic Machines, Refrigeration & Air Conditioning, Heat Transfer, Power Plant Engineering and so on.
- To prepare and update course materials, lecture notes, lab manuals, and evaluation methods in line with Osmania University's curriculum.
- To mentor students academically and guide them in project-based learning, including mini and major projects.
- To conduct original research and publish in high-impact international journals and conferences.

To guide and supervise undergraduate students in research, leading to journal publications and patent filings.

Cognizant Technology Solutions, Chennai 2013

Programmer Analyst

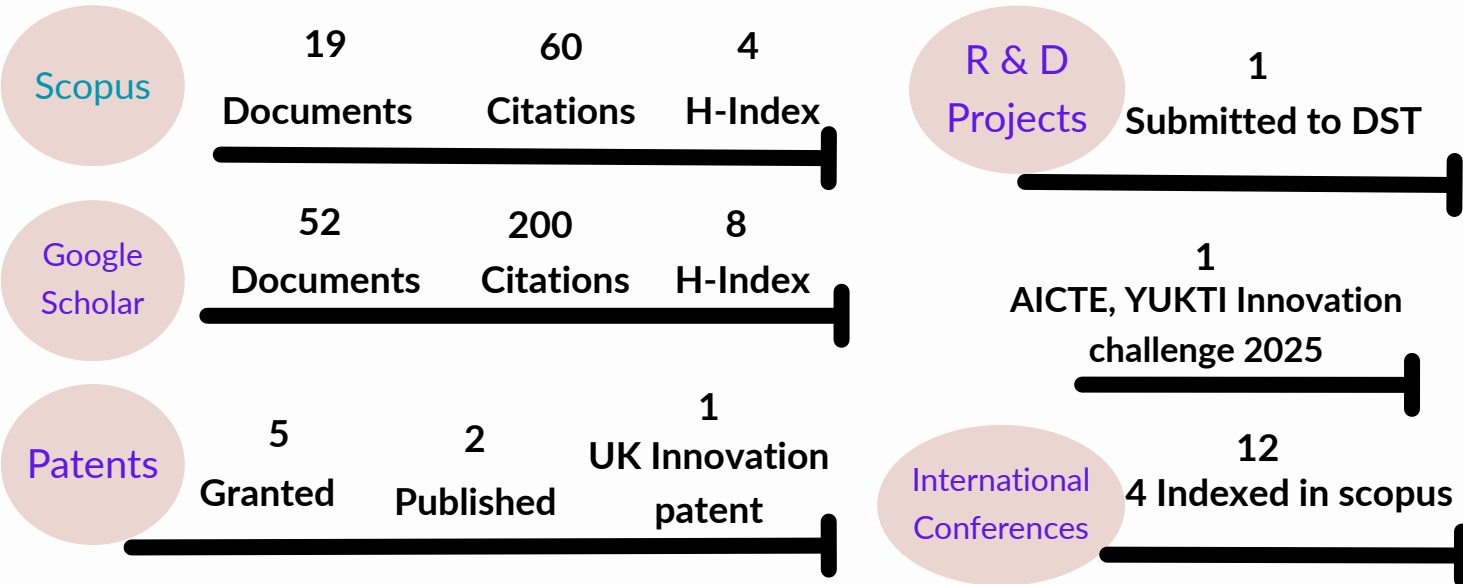
- Worked as a Programmer Analyst specializing in C programming and SQL for developing and maintaining enterprise-level applications.
- Responsible for writing optimized code, debugging, and generating data reports and insights for different departments according to business specifications.

SIA Group of Companies, Hyderabad 2010 - 2013

Technical Writer (Team Lead)

- Led a team of technical writers in paraphrasing and developing engineering textbooks aligned with university standards.
- Framed detailed notes as per the course syllabi and instructional content prescribed by Jawaharlal Nehru Technological University (JNTU).
- Ensured accuracy, clarity, and pedagogical alignment of technical documentation for Mechanical engineering subjects.
- Coordinated with subject matter experts and editors to deliver high-quality academic materials within strict deadlines.
- Reviewed and refined content to meet academic compliance and improve student comprehension.

RESEARCH & PUBLICATIONS



ADMINISTRATIVE RESPONSIBILITIES

- Placement & Training Coordinator, Mechanical & Production Engg. Dept. (2013–Present)
- Incharge: Timetables, Sessional Marks & Attendance from 2013 to 2023.
- Coordinator: SAE BAJA & SUPRA Events (2017–2022)
- Internal Examinations Committee Member (2013–2021)
- NAAC, NBA & AICTE Documentation Contributor from 2013 to present.
- Serve as Examiner and Coordinator for OU Practical and Theory Examinations from 2013 to present.

Academic Governance:

- Foster an academic environment encouraging innovation, student clubs, and co-curricular development.
- Organize and participate in faculty development programs, workshops, and international conferences.
- Serve on editorial boards and peer-review panels for reputed journals (Elsevier, Springer, IEI Series C).
- Represent the college in national academic events, advisory boards, and technical committees.

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

DR. MD. ABDUL RAHEEM JUNAIDI

I performed duties on the following roles assigned to me as:

1. Placement and Training Coordinator in the Mechanical & Production Engineering Department from 2013 to till date.
2. Incharge of Time tables for Mechanical & Production Engineering Department from 2013 to till date.
3. Incharge of Sessional Marks and Attendance for Mechanical & Production Engineering Department from 2013 to 2019.
4. Co-ordinator for SAE BAJA & SUPRA EVENTS from 2017 to till date.
5. Member of Internal Examinations committee from July 2013 to Nov 2021.
6. Member of class work monitoring committee from 2013 to 2018.
7. Faculty incharge for student event in ADSOPHOS from 2015 to 2017.
8. Incharge of OU Practical Examinations for Mechanical & Production Engineering department from 2013 to till date.
9. Assistance in AICTE, NAAC and NBA as a team in completion of tasks from 2013 to till date.
10. Nominated as an external examiner for BE theory Examinations from 2018 to 2021.
11. Conducted as coordinator in AICTE-ISTE Sponsored ONE WEEK ONLINE INDUCTION/REFRESHER PROGRAMME On Nanotechnology Applications in Mechanical Engineering, 10th – 16th December, 2021.
12. Appointed as a National Advisory Committee Board Member of a 4th International Conference on Chip, Circuitry, Coding, Combustion and Composites conducted by IFERP Bangaluru Chapter held in Nov, 2017.
13. Total faculty development programs attended since 2013 to present is around 50.

Achievements/Awards:

1. Young Engineer of the Year Award felicitated and citation acknowledged by Government of Telangana and Institution of Engineers, India in the year 2023 by Guest of Honour, Dr. G A Srinivasa Murthy, Director, DRDL, Kanchanbagh, Hyderabad, Chief Guest Dr. G Satheesh Reddy, FIE, President, Aeronautical Society of India, National Security Advisory Board, Govt. of India, Chairman DRDO & Scientific Adviser to Raksha Mantri and Er. Brahma Reddy, FIE, Chairman, IEI, Telangana State Centre who presented a memento, cash prize and a citation.
2. Awarded as a primary evaluator for exceptional contribution in Toycathon, 2021 organised by Ministry of Education, Innovation cell, Government of India. Gold Medal award for doctoral research on Numerical Analysis research in the year 2023.
3. Best Paper Award in International Conference in Advancements in Aeromechanical Materials for Manufacturing on topic “Advances in laparoscopic surgeries and CFD perspective of Suction-irrigation devices” conducted on 24th & 25th July 2020” organized by Department of Aeronautical & Mechanical engineering, India .
4. Gold Medal awarded in Intermediate public examinations for exalted position among the minorities in Andhra Pradesh. Declared glorious son of our Nation for academic achievements in 2006.
5. In recognition to the outstanding contribution and Excellence in reviewing certificate from Journal of Complementary and Alternative Medical Research on 15-09-2021. India Certificate No: DI/HQ/PR/Cert/72654/MDA
6. In recognition to the outstanding contribution and Excellence in reviewing certificate from International Journal of Environment and Climate Change on 06-08-2022. India Certificate No: DI/HQ/PR/Cert/90515/DRM
7. In recognition to the outstanding contribution and Excellence in reviewing certificate from Journal of Complementary and Alternative Medical Research on 21-05-2022. India Certificate No: SDI/HQ/PR/Cert/85479/MDA
8. Reviewer for Material Today proceedings-SCI, Science Direct International Journal in July 2023.
9. Reviewer for Thermal Science and Engineering Progress-SCI, Science Direct International Journal in February and March 2024.
10. Reviewer for Cleaner Engineering and Technology SCI, Science Direct International Journal in January 2025.
11. Reviewer for International Journal of Recent Technology and Engineering in March 2025
12. Appreciation certificate in recognition of valuable contribution as a JUDGE in World Robot Olympiad India 2025, National Championship, Hyderabad held on 5-6 September, 2025.

SKILLS

- CFD & Thermal Modelling:** *Simulation & design of multi-physics systems.*
- Prototyping & Fabrication:** *Lab-to-pilot scale rigs for medical & EV systems.*
- Experimental Testing & Validation:** *Fluid flow, heat transfer, real-world tests.*
- IP Generation & Patent Drafting:** *8 Indian patents, 2 grants from Ph.D.*
- Industry-Academia Collaboration:** *Aditya Birla, BHEL, YUKTI challenge.*
- High-Impact Publishing & Reviewing:** *35+ papers, editorial board member.*
- Project Leadership:** *Coordinated SAE events, placement training, NBA/NAAC.*

CORE COMPETENCIES

- Young Engineer of the Year 2023**, awarded by IEI & Government of Telangana by Guest of Honour, **Dr. G A Srinivasa Murthy, Director, DRDL**, Kanchanbagh, Hyderabad, Chief Guest **Dr. G Satheesh Reddy, FIE, President**, Aeronautical Society of India, National Security Advisory Board, Govt. of India, Chairman DRDO & Scientific Adviser to Raksha Mantri and **Er. Brahma Reddy, FIE, Chairman, IEI**, Telangana State Centre who presented a memento, cash prize and a citation.
- Awarded as a primary evaluator** for exceptional contribution in **Toycathon, 2021** organized by **Ministry of Education, Innovation cell, Government of India**.
- Authored **17 Scopus-indexed papers** and **25+ international peer-reviewed publications**; editorial reviewer for reputed international journals.
- First Ph.D. awardee** from India to receive **two Indian patents** directly from doctoral research; **total of 8 patents published/granted**.
- Gold Medalist** and academic topper in SSC, Intermediate & Ph.D.