S ABDUL RAZAK
(MECHANICAL ENGINEER)

CELL: 9542803261 | **EMAIL:** razakaftab123@gmail.com | **CITY:** Kurnool

SUMMARY

Goor and detail-focused Mechanical Engineering student who has expertise in design, production, and industrial. Having experience in using AutoCAD, SolidWorks, . Interested in innovation, clean technologies, and addressing real engineering problems through practice.

SKILL

Languages:

Python, C, HTML, CSS.

Designing tools: Auto cad, solid works

Technical Subjects:

Production Engineering, Industrial Engineering, Engineering Mathematics, Design Engineering, Thermal Engineering.

ACHIEVEMENTS

Secured GATE Rank:

Have participated in GATE Exam and successfully qualified by securing decent rank of AIR-375 in GATE-PI Stream.

Runner up in state level innovation competition 2021:

Idea based on reduction of pollution from vehicles.

Participant in running competition at state level.

PROJECT(S)

Analysis of Multi Walled Carbon Nanotubes blended with Platinum nanomaterial and Graphene as Emission Controller in vehicles:
Start date: 12/07/2024   **End date:** on-going (simulation is completed)   **Place:** Kurnool, AP

This research evaluates the performance of Multi-Walled Carbon Nanotubes mixed with platinum nanomaterials and graphene as emission regulators. The mixture increases catalytic activity, minimizes toxic emissions, and presents a viable solution for cleaner and efficient energy systems.

Design and Development of Biped Robotic System:

Start date: 12/07/2023 **status**: ongoing: Kurnool, AP

The advancement of robotics is happening exponentially day to day, therefore with a motive and inspiration from humans our project team started working on two legged robotic systems. Our project team have started on design of the system and simulations are being carried out, we are at a state to determine the optimized design for the biped robotic system.

Python visualization using plotly on Unemployment in India:
Start date: 12/07/2023   **End date:** 12/08/2023   **Place:** Kurnool, AP

Plotly in Python facilitates interactive visualization of Indian unemployment data, which aids in identifying trends, regional differences, and patterns over time. Its dynamic charts facilitate analysis, allowing for complex data to be easily interpreted and presented.

INTERNSHIP(S)

Assistant Engineer-YAMAHA

start date: 12/05/2024   **End Date:** 31/07/2024   **Place:** Kurnool, AP, India

Motivated by a wish to implement the fundamental Mechanical Engineering principles and attain hands-on experience throughout my semester break, I successfully carried out an internship as an Assistant Engineer, greatly developing my skills and confidence

EDUCATION

Master of Technology

Indian Institute of Technology Indore, **Specialization** Advance Manufacturing **Year of Passing:** 2027

Bachelor of Technology

G. Pullaiah College of Engineering and Technology, Kurnool. | **Year of Passing:** 2025 | **CGPA:** 8.14

Intermediate

Narayana Junior College | **Year of Passing:** 2021 | **Marks:** 897/1000.

SSC

Sri Laxmi High School, Kurnool. | **Year of Passing:** 2019 | **CGPA:** 9/10.

HOBBIES

Designing, puzzle solving, video games, Volunteering in events.

PERSONAL DETAILS

Date of Birth: 31/10/2003.

Languages Known: English, Hindi, Telugu, Urdu.

CORE COMPETENCIES

Leadership Qualities, Time Management, Team Coordination, Problem Solving, Behavior Management.