



Pavan Srinivas Marri

Nationality: Indian **Date of birth:** 14/01/2001 **Gender:** Male

Phone number: (+91) 8328051981 **Email address:** marripavan65@gmail.com

WhatsApp Messenger: 8328051981

LinkedIn: <https://www.linkedin.com/in/pavan-srinivas-marri-2b4550202/>

Home: D.No. 8-31-24A, Vailuntapuram 5th line, 524201 Kavali (India)

ABOUT ME

Highly motivated Mechanical Engineering undergraduate with a solid grasp of fundamental engineering principles, seeking to expand knowledge and skills through hands-on experience and continuous learning.

EDUCATION AND TRAINING

Bachelor of Technology - Mechanical Engineering

Parvathareddy Babul Reddy Visvodaya Institute of Technology and Science [2018 – 2022]

City: Kavali | **Country:** India | **Website:** <https://pbrvits.ac.in/> | **Final grade:** 8.5 | **Thesis:** Experimental Investigation on the Influence of high Injection Pressures and Retarded Injection Timings on a Single Cylinder CRDI Engine

1. Mathematics - Calculus and Linear Algebra, Z - Transform, Fourier Series, Laplace Transform, Matrices, Probability and Statistics.
2. Strength of Materials - Material Properties, Shear Force and Bending Moment Diagrams, Torsion, Mohr's Circle, Complex Stress, Moment of Inertia.
3. Engineering Mechanics - Friction, Free Body Diagrams, Dynamics.
4. Automobile Engineering - Elements in Power Transmission, Types of Power Transmission in Vehicles, Mechanism of Transmission.
5. Design of Machine Elements (using AutoCAD and CATIA Software)
6. Engineering Drawing - Sectional Views, Perspective Views, Angles of Projection, Machine Drawing
7. Manufacturing Technology - Different methods of Manufacturing
8. Thermal Engineering - Laws of Thermodynamics, Carnot cycle, Rankine Cycle, Power Plant Engineering, Working of Automobile Engines.
9. Fluid Mechanics - Working of Hydraulic Turbines, Pumps, Bernoulli's Principle.
10. Basics of Electrical and Electronics Engineering.

Intermediate (Mathematics, Physics, Chemistry)

Narayana Junior College [2016 – 2018]

City: Kavali | **Country:** India | **Website:** <https://www.narayanajuniorcolleges.com/> | **Final grade:** 88.4

1. Mathematics - Trigonometry, Functions, Differentiation and Integration, Circles, Matrices, Vector Algebra, Permutations and Combinations.
2. Physics - Laws of Motion, Kinematics, Electromagnetics, Thermodynamics.
3. Chemistry - Organic and Inorganic Chemistry.

Secondary School Education

Bhashyam Public School [2015 – 2016]

City: Kavali | **Country:** India | **Website:** <https://www.bhashyamschools.com/> | **Final grade:** 9.0 CGPA

LANGUAGE SKILLS

Mother tongue(s): Telugu

Other language(s):

English

LISTENING C1 READING C1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B2

German

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Java / HTML / CSS / SQL / CATIA / ANSYS / Solidworks / AutoCAD / MATLAB

AREAS OF INTRESTS

Field of Attention

- Mechatronics
- Automobile
- Industrial Design

HONOURS AND AWARDS

Certifications

- Artificial Intelligence, Machine Learning and Deep Learning Applications in Production and Manufacturing Systems (02/01/2020 - 13/01/2020) NIT Warangal
- International Workshop on Unmanned Aerial Vehicles (07/08/2023 - 09/08/2023) IIT Hyderabad

RECOMMENDATIONS

Name: **Dr. B. Konda Reddy, Ph. D** | HOD & Professor

Department of Mechanical Engineering

Parvathareddy Babul Reddy Visvodaya Institute of Technology and Science, Kavali

E-mail: kreddybade74@gmail.com | Phone Number: (+91) 9440141605

Name: **Mr. K. Manikantesh, M. Tech** | Assistant Professor

Department of Mechanical Engineering

Parvathareddy Babul Reddy Visvodaya Institute of Technology and Science, Kavali

E-mail: manikantesh.k@visvodayata.ac.in | Phone Number: (+91) 9948499991

Name: **Mr. M. Ravi Kumar, M. Tech** | Assistant Professor

Department of Mechanical Engineering

Parvathareddy Babul Reddy Visvodaya Institute of Technology and Science, Kavali

E-mail: ravi06342@gmail.com | Phone Number: (+91) 8143511558