

# Kavya Vaddadi

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## **Career Objective:**

To achieve a position employing education in Aeronautical Engineering, to contribute the timely completion of Aeronautical and Space projects.

## **Work Experience:**

Author of Books "*Vimanas and the Wars of the Gods*" and "*Reverse Engineering Vedic Vimanas*" with the support of former ISRO, DRDO and NASA scientists. Design Engineer and CFD Analyst, Structural Analyst in *VEDAS company (Vaddadi Engineering Design and Analysis Services)*. Head of Education and Awareness, Ancient Technology Division, *MAARKS Aerospace and Marine Services Pvt. Ltd.* Scientific Advisor in *Vedic Research Institute, London*. Research Service Provider in *Vedic Scientific Research Foundation*.

## **Education:**

**B-Tech**, Aeronautical Engineering, MLR institute of technology, Jawaharlal Nehru Technological University in Hyderabad with 64% aggregate, 2014.

**Intermediate** education, MPC, Narayana Junior College, Hyderabad, 75.6% marks, 2010.

**SSC** from New Era High School, with 80.5% marks, 2008.

## **Projects:**

- "*Internal Combustion Engine- Rigid Dynamic and Transient Analysis*" in Ansys Workbench 14.5 at CADEM Centre, Tecumseh Products India Pvt. Ltd.
- "*Design of Compressor Parts and Subassemblies*" using Unigraphics NX at CADEM Centre, Tecumseh Products India Pvt. Ltd.
- "*Magneto-Hydrodynamic Generator for Power Generation and High Speed Propulsion*" as major project in MLRIT.
- "*Vimana Shastra*" Research project on ancient Vimanas and Highly advanced ancient space science and technology. Completed part of project: Rukma vimana, Sundara Vimana, Tripura Vimana, Shakuna Vimana Design (3D modelling and 3D Printing), CFD analysis, Thermal and Structural analysis.
- "*Marutsakha Vimana*" The vimana 3D model design which I did has been 3D Printed and the static Prototype has been done *wind tunnel testing in California University, Irvine*. Results showed good aerodynamic properties of the vimana.

## **Paper Publications:**

### **1. Paper title- *Rukma Vimana Design and Analysis***

**Book name-** Proceedings of IRF International Conference, ISBN: 978-93-85973-93-2

**Paper Presentation-** New Delhi, India

### **2. Paper title- *Rukma Vimana Prototype***

**Book name-** IAARHIES 12th International Conference on Engineering, Technology and Computer Science ICETCS – 2016. ISBN: 978-81-925978-6-7

**Paper Presentation-** Saint Petersburg, Russia

### **3. Paper title- *Mercury Ion Engine of Ancient Aeronautics***

**Book name-** 2nd International Space Conference, 2015. ISBN: 978-81-8011-2232

**Paper Presentation-** Amity University, Greater Noida

### **4. Paper title- *Research on Rukma Vimana***

**Book name-** 2nd International Conference on Recent Advances in Design, development and operation of micro air vehicles (ICRAMAV) **ISBN No:** 9789351071693

**Paper presentation-** Jawaharlal Nehru technological University, Hyderabad.

### **5. Paper title- *Study of Parallel Universe Time Travel and Missing Aircrafts* and**

### **6. Paper title- *A Study of Fog Reducer in Aircraft Applications***

7. *Paper title-* **A Study & Brief Research on Rukma Vimana by using Deciphered Materials**  
*Book name-* Innovations in Aeronautical Engineering - NCIAE-2015  
*Paper presentation-* Gurunanak Institutions Technical campus
8. *Paper title-* **Case study on manufacturing processes on missile rear fin assembly**  
*Book name-* National Conference on Advances in Mechanical Engineering (AIM) under TEQIP-II (Technical Education Quality Improvement Programme)  
*Paper presentation-* Vasavi college of Engineering.
9. *Paper title-* **Study on landing gears**  
*Book name-* National Conference on Emerging Trends in Aeronautical Engineering  
*Paper presentation-* GITAM University

**Achievements:**

- My research is appreciated by Former DRDO, ISRO and NASA Scientists and received support for my research and Appreciation Letters by them.
- Appeared in **History Channel**, Ancient Aliens show, **for recreating Marutsakha vimana**. Wind tunnel testing of the vimana I designed, has shown aerodynamic properties proving its ability to fly.
- Delivered guest lectures on vimana shastra at GITAM University, JNTU Kakinada, Oakridge International School, Bharatam Reawakening Organization, Aero STC Webinar by IARE and other universities. My interview on decoding vimana shastra, articles are published in English and Telugu Newspapers (Such as The Hindu, New Indian Express, Sakshi etc).
- My name is Recorded as “**Marvellous Design Engineer of Vimana Project**” in “**Marvellous Records Book of India**”
- My Project Ideology on Mini Rukma vimana Unmanned Air vehicle has been selected to **National Aerolympics Project**, Aeronautical Society of India and received Best team Award.
- Participated in “**InfoTech Open Innovation Challenge**” competition which includes Flange design of Aircraft engine and received participation certificate.

**My Strengths:**

- Passionate about Aeronautics, especially in fields of Design, analysis.
- Able to deal any kind of problem with proper planning, implementation.
- Adaptive to any environment.
- Desire to learn new technologies and develop new skills.
- Effective Leadership, Communication and Time Management Skills.

**Computer Knowledge:**

Platforms: Windows. Design/Drafting: Pro-E, PTC Creo, Unigraphics NX, Solid works.  
Analysis Software: ANSYS workbench. Miscellaneous: MS Office

**Hobbies:**

Investigating Ancient Aerospace technologies, UFOs and Alien mysteries.

**Personal Profile:**

Date of Birth: 21-11-1992

Father's Name: Vaddadi Koteswara Rao

Language Known: English, Hindi and Telugu

Signature: Kavya Vaddadi