

# SATISH.HIREMATH

<https://satishhiremathwebsite.000webhostapp.com/>

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## CAREER OBJECTIVE:

To build a career in Aircraft/Aerospace industry. To work in an environment offering opportunities for creativity and growth, providing new learning experiences besides up gradation of skills.

## EDUCATION SUMMARY:

Degree	Institute	Year	Percentage Achieved
M.Tech in Aerospace Propulsion Technology	VTU, CPGS, Muddenahalli	2020	9 CGPA
Bachelor Of Technology (B .Tech) in Aerospace Engineering	Hindustan Aviation Academy, Bangalore	2011-2015	72%
PUC(PCMB)	S.D.M Residential PU college Ujire Karnataka	2009-2011	75%
S.S.L.C	R.V.S.R.School Navanagar Karatagi, Koppal Karnataka	2008-2009	86%

## ACHIEVEMENTS:

- Awarded certificate for completion of Professional Training in HAL, Engine Division Bangalore 3<sup>rd</sup> August 2013
- Awarded certificate for completion of Project in Centre for Military Airworthiness and Certification , DRDO Marathalli colony Bangalore 4<sup>th</sup> April 2014
- Awarded certificate for completion of Professional training in HAL, Helicopter Division Bangalore 22<sup>nd</sup> July 2013

- Awarded first prize for presenting the paper on “Design and optimisation of Earth-Moon-Earth space flight” in National level conference at EPCET Bangalore.
- Completed academic projects on “Comprehensive Case Study on Scramjet Engines” and “Design and analysis on Liquid Rocket Nozzle”
- Worked as a resource for different type of institutions (Physics, Mathematics, Astrophysics)

## Work Experience

Aerodesign Solutions Pvt Ltd (April 2016-Sept 2018)

Director Of Engineering

- \* Working with multi-disciplinary team in support of software and application development.
- \* Support the development, analysis, design and documentation of all systems.
- \* Support team in performing integration at component level and modification.
- \* Assist in supporting proposal preparation and new business development efforts.
- \* Understand design, performance requirements and necessary considerations.
- \* Develop, enhance, analyze and improve designs to support engineering requirements.
- \* Assist with tests to validate and verify systems and components meet requirements and specifications.

ACS College of Engineering (29thDec2021 to Present)

Assist Professor in Dept of Aeronautical Engg

1.2years of experience.

## Interests/ Activities

- Interested in Aircraft Engine Technologies.
- Interested in Space, Aviation and Airlines.
- Interested in new technologies mainly applied in aviation.
- Interested in Computation fluid dynamics

## Key Strengths

- Can communicate with spontaneity and ease.
- Ability to take up responsibilities and execute them effectively.
- Excellent presentation skills.

## Expirence

- **Good expience in teaching for engineering students**
- **2 years of experience in Industry and 1.2 Years of experience in teaching.**

## My Research Publications

1. Mercury Propulsion System in Vedic Vimanas and Modern Spacecrafts
2. Wind Turbine Blade Design
3. Impact of Chevron Nozzle on Acoustic Levels of Jet Engine
4. Ancient Indian Science of Aeronautics
5. Challenges of future aircraft propulsion
6. Numerical Analysis of a Multiholed Flat Plate for Gas Turbine Combustor Liner Application
7. Life Estimation of First Stage High Pressure Gas Turbine Blades
8. Turbine blade life estimation and temperature calculation - a sensitivity analysis
9. A brief review on the recent advances in scramjet engine
10. Aircraft Wing Box Cad Modelling and Design
11. Conventional Aircraft Wing Preliminary Design
12. Flight Vehicle Design book Published by International scholars and Publishers

**PERSONAL DETAILS:**

**Date of Birth : 02/08/1993**

**Sex : Male**

**Marital Status : Single**

**Nationality : Indian**

**Address : 4th ward HB colony, Karatagi**

**Tq: Gangavathi Dt: Koppal**

**Karnataka 583229**

**Contact : +91-8123114324**

**DECLARATION:**

I, hereby, solemnly declare that the above mentioned information is true to the best of my knowledge.

**Date:**

**Place:Bangalore**

**Signature**