

**SHOBHA.K**

#21,1<sup>st</sup> floor, Harsha layout

Kengeri Bangalore-560060

Shobhakhadresh02@gmail.com

+91-88920 89351

## CAREER OBJECTIVE:

To work and grow in a challenge environment and make a positive contribution through my knowledge and personal commitment to the employer organization and to continuously strive for professional excellence and individual satisfaction.

## EDUCATIONAL QUALIFICATION:

COURSE	UNIVERSITY	INSTITUTION	AGGREGATE
Bachelor of engineering (aeronautical engineering)	Visveswaraya Technological University	ACS college of engineering	70.54%
Pre-University college	Department of Pre-University Board Karnataka	Shanthidhama PU college	87.16%
10 <sup>th</sup> standard	Karnataka Secondary Education Examination Board	Kengeri High School	82.56%

## TECHNICAL SKILLS:

- **Design applications** : Solid edge.
- **Analysis applications:** Ansys.
- **Language:** Mat lab, basics of C programming.
- **Operating system:** Windows XP/Vista/7/8/10.
- **Others:** MS Office Tools (Word, Excel, PowerPoint).

## ACADEMIC PROJECTS:

1:

- **Title** : **GAS POWER CYCLE**

**Description** : The study of gas power cycles involves those heat engines in which The working fluid remains in the gaseous state throughout the cycle. The study of ideal cycle in which internal irreversibilities and Complexities are removed.

- **Roll and Responsibility:** Literature survey of how gas power cycles works by concerning how The major parameters affect the performance of heat engine. Increasing efficiency of the engines by combining and comparing All the four cycles.

2:

- **Title** : **DESIGN AND FABRICATION OF BLENDED WING BODY AIRCRAFT**
- **Description** : The blended-wing-body involves the development of a large Commercial aircraft concept capable of carrying 800+ passengers.

**Roll and Responsibility:** Being a team member my work involves multidisciplinary Optimization of the design as well as analytic and experimental Studies of stability and control using small-scale flight research vehicles.

## EXTRA ACTIVITIES & ACHIEVEMENTS:

### INTERNSHIPS:

HINDUSTAN AERONAUTICS LIMITED. (AIRCRAFT DIVISION) BANGALORE.

INTERN | JULY 2016

Study of Aircraft's behavior throughout the flight including Taxing & Towing.

Observing the manufacture of Honeycomb Structure.

Observing the working of different Lathes & their processes and study on Pipefittings.

### Industrial visits:

Hindustan Aeronautics Limited's Heritage Aerospace Museum, Bangalore.

National Aerospace Laboratories, Bangalore.

- Presented a paper on "**GAS POWER CYCLE**" at **PRESENTECH'15** held at ACS college of Engineering, Bangalore.
- Achieved second place, Competition of "**Designing and Fabricating Gliders**", **Sambhram'16**, held at Sridevi Institute of Technology, Mangalore.
- Achieved second and third place in competition of "**DEBATE**" and "**ESSAY**".
- Participated in **Cansat Workshop'17**, making of a satellite held at ACS college of Engineering.
- Participated in several competitions like Quiz, Paper Presentation and Science Talent etc. conducted in the institution.
- Have a handful experience in designing and fabricating RC Planes and Gliders.

- Elected as a **Student Regressive** in the student chapter of ACS College of Engineering, Bangalore.

### **HOBBIES:**

- Singing (folk and filmy)
- Sports (Throw ball, basket ball, carom)
- Learning new things (current affairs)
- Teaching (higher school students)
- Cooking (south Indian dishes)

### **PERSONAL INFORMATION:**

**Name** : Shobha.k  
**Date of Birth** : 12-05-1996  
**Father Name** : G. Khadresh  
**Languages** : English,Hindi,Kannada,Tamil and Telugu

### **DECLARATION:**

I hereby declare that the above-furnished information is true and correct to the best  
Of my knowledge and belief.

**Place:** Bengaluru

**Date:** **SHOBHA.K**