

## PERSONAL SKILLS

- Punctuality
- Leadership & management
- Strong communication skills
- Fast learner
- Work Effectively as a team & individual.

## LANGUAGES KNOWN

- English -Fluent
- Tamil-Fluent
- French-Intermediate
- Hindi- Intermediate

## EXPERIENCE

### Indian space research organization

Engineering Intern  
July 2017-July 2017

### GMR-Aerotechnic Ltd

Engineering Intern  
August 2017 - August 2017

### Air India

Engineering Intern  
June 2016- June 2016

## EDUCATION

### University Of Glasgow, UK

Masters- Mechanical Engineering with specialization in Advanced Manufacturing & Integrated Engineering design  
2020-2021 (Ongoing)

### SRM University, INDIA

Bachelor Of Technology: Aerospace  
2014-2018  
CGPA: 9.46

# VAISHNAVI SHANKAR

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## PROFESSIONAL SUMMARY

To seek challenging assignment and responsibility with an opportunity for growth and career advancements as successful achievements. Exquisite communication and interpersonal skills, with ability to liaise effectively and professionally with individuals at all levels. Eager to work with diverse, interdisciplinary team at your organization.

- Project on nozzle design and analysis for small satellite thrusters.
- Had hands on experience in GSLV MKIII.
- Assisted researchers in conducting investigations and literature reviews to facilitate understanding of neglected initiatives worldwide.
- Had hands on experience in the aircraft's repair and overhaul.
- Provided base and line maintenance in commercial aircrafts.
- Worked in aircraft components and in inspection by following work ethics.
- Aircraft maintenance checks.

## PROFESSIONAL SKILLS

- Auto CADD
- MS Office.
- ANSYS (Intermediate user with basic skills):-  
Six Months training in complex modeling and meshing and software generation using MATLAB and Computational Fluid Dynamics (CFD) using ANSYS 15 by experts of specific fields in GATE PATHSHALA, Adambakkam, Chennai.
- MATLAB (Intermediate user with basic skills)

## Higher Secondary-ISG-OMAN

CLASS XII

2013-2014

Percentage : 87%

## SECONDARY - ISG-OMAN

CLASS X

2011-2012

CGPA:9.6

### PROJECTS

- Modelling a steered fibre composites(MSc Project).
- Droplet Combustion under normal gravity and microgravity conditions at IIT Madras.
- Design/build/fly competition to design electrically powered aircraft (AIAA competition).
- Nozzle Design and Analysis for small satellite thrusters at ISRO-SHAR.
- Determination of speed of sound under non-isentropic conditions at IIT Madras.
- Designing a light business jet based upon constraints given by AIAA (competition).

### EXTRA COURSES

- Certificate on Astrophysics from Australian National University.
- Certificate from Massachusetts Institute of Technology (Astronautics and human spaceflight).
- Certificate in Astrobiology from Harvard University.

Gardening

Drawing

Teaching

## ACHIEVEMENTS

- Third Rank holder in the Bachelor Of Technology- Silver medalist.
- Merit Based Scholarship for all the years (2014-18)

## CO-CURRICULAR ACTIVITIES

- Student member of AIAA (American Institute of aeronautics and astronautics).
- Worked as team leader for AIAA aircraft design competition.Worked in AIAA-DBF competition and secured 54th position.
- Participated in SRM world space week-Technical quiz.
- Participated in DELTA wing workshop held by Aerotrix at ANNA UNIVERSITY (kurukshetra) and been awarded.
- Selected from the school to attend NASA Space School, Houston and participated workshops on mars rovers and conference and thus awarded.

## EXTRA CURRICULAR ACTIVITIES

- Volunteering and hospitality services.
- Participated in the drawing competition and awarded consolation prize.
- Participated in the greeting card competition and awarded consolation prize.

## HOBBIES

Attentive and dedicated gardener with a genuine love for plants and working outside which increased my patience. Possess broad horticultural knowledge as well as ample practical experience caring for plants and maintaining grounds. Expert in the planting and raising of perennial flowers.

In the spare time , I use to draw with my passion in nature and also other sketches. It made out to be more focused.

I teach children and other people subjects like physics , maths and even egineering modules which developed my knowledge further.