





# SARVESH J

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## EDUCATION

**BACHELOR OF AEROSPACE ENGINEERING, ACSCE**  
CGPA = 8.91 **2017- 2021**

**High School (Grade XII), MPL Sastry PU College**  
Percentage = 80.83 % (PCMC) **2015- 2017**

**High School (Grade X), EWPS**  
Percentage = 85.28 % **2014-2015**

## PROJECT

### Pulsed Plasma Thruster (PPT) for CubeSats.

- Currently working on project where I use micro PPT and integrate it inside the CubeSat to perform 3-axis Attitude and Orbit Control
- Through this project I have gained skills in designing components in Solidworks and used ANSYS for performing analysis of the whole component assembly

## INTERNSHIP

### Intern

#### CSIR – National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, Kerala

- Focused on determining the aerospace materials and structures, selection criteria, tools & techniques and designing of components
- Gained experience in selection of materials on the basis of consumer needs and budget

## EXTRACIRRICULAR ACTIVITIES

### Satellite Photogrammetry and its Applications Conducted by Indian Institute of Remote Sensing, Dehradun **29/06- 03/07,2020**

- Studied Introduction to Photogrammetric Concepts, Concepts of Stereophotogrammetry and Concepts of Satellite Photogrammetry
- Basics of Satellite Navigation (GPS)

### College Event Management

- Was in charge of organizing the music festival at my university
- Successfully delegated duties to team members and made sure all tasks were met within the deadlines for the event

## ABOUT ME

Motivated, team-oriented final year Aerospace engineering student. With a strong interest in Propulsion, CFD with strong designing skills in CAD. Offering leadership, and dedication to develop technologies, solutions, and processes for current and future space missions.






## SKILLS

- SOLIDWORKS, CATIA
- ANSYS
- MATLAB
- AGI: STK (System's tool kit)
- COMSOL
- MS OFFICE
- ANALYTICAL SKILLS
- CREATIVE THINKING
- TEAM BUILDING
- TIME MANAGEMENT
- LEADERSHIP QUALITIES

## LANGUAGES

ENGLISH → Non-Native Speaker  
HINDI → Mother Tongue  
GERMAN → A2 Level

## INTERESTS

-  Music
-  Cooking
-  Cycling
-  Football
-  Video Games