

SARVESH J

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EDUCATION

2017- 2021

BACHELOR OF AEROSPACE ENGINEERING, ACSCE

CGPA = 8.91/10

2015- 2017

High School (Grade XII), MPL Sastry PU College

Percentage = 80.83 % (PCMC)

2014-2015

High School (Grade X), EWPS

Percentage = 85.28 %

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

07/09- 01/10,2020

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

29/06- 03/07,2020

Satellite Photogrammetry and its Applications Conducted by Indian Institute of Remote Sensing, Dehradun

- 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 Aerospace engineer, Passionate about spaceflight and rocketry. With a strong interest in propulsion and CFD, along with strong CAD design abilities. 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