

Faculty Profile

Ms. S. Siva Priya,
Assistant Professor,
Department of Aerospace,
Periyar Maniammai Institute of Science and
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Educational Qualification

Qualification	Board/ University	Institution	Year of Passing
B.E (Aeronautical)	Anna University	JJ college of Engineering and Technology, Trichy	2017
M.E (Aerospace)	Anna University	Madras Institute of Technology, Chennai	2019

Teaching Experience

Name of institute	Designation	Duration	
		From	To
Periyar Maniammai Institute of Science & Technology	Assistant Professor	16.12.2019	Till date

Industrial Experience

Name of the company	Training	Duration	
		From	To
Hindustan Aeronautics Limited, Bangalore	Implant Training	12/12/2016	12/01/2017 (one month)
Vikram Sarabhai Space Centre (ISRO), Trivandrum	Project Training	16/01/2019	14/05/2020

Research Working Area :

- Vibration Analysis of Gas Turbine Blades.
- Effect of Aft wall ramp in a confined supersonic flow.
- Acoustic Emission Monitoring in Hybrid Composite Laminate (**MAKE IN INDIA- online PPT contest**).
- Regression Rate Studies on Paraffin wax Gaseous Oxygen oxidizer Hybrid rocket.

Governments Projects:

- Design and Fabrication of Gyrocopter (Rs.25,000) funded by **Centre for Technology Development and Transfer (CTDT), Anna University- Funded Project**
- A Project work titled “Fatigue Analysis of Aluminium Alloy A12024- T3 Panel with a circular cut-out under **summer Research Training Program (CSIR SRTP 2020)** during June 2020 to August 2020 at **CSIR- National Aerospace laboratories, Bangalore.**

Subjects & Lab Handled:

- | | |
|-----------------------------------|-------------------------------|
| 1. Elements of Aeronautics | 2.Space Mechanics |
| 3. Mechanics of space vehicles | 4. Aerodynamics- I lab |
| 5. Aircraft Structures- II | 6. Engineering Thermodynamics |
| 7. Aircraft Structures- I | 8. Flight Dynamics |
| 9. Aircraft Systems & Instruments | |

Area of interest

- Aerodynamics
- Propulsion
- Aircraft Stability
- Aircraft Structures

FDP Participation:

- 1 week FDP on “**Manufacturing and Analysis of advanced materials and Engineering Structure**” conducted by MLR institute of Technology, Hyderabad between 26-05-2020 to 30-05-2020.
- 7 days FDP on “**Ethical Practices in Engineering**” conducted by Sri Sai ram Engineering College, Chennai between 28-05-2020 to 03-06-2020.
- 1 day international FDP on “**Role on electro-magnetics in Aerospace applications using ALTAIR FEKO**” conducted by Saveetha Engineering College, Chennai on 30-05-2020.
- 7 days FDP on “**Heat transfer and computational fluid dynamics towards industrial applications**” conducted by Sri Sai ram Institute of Technology, Chennai between 12-06-2020 to 18-06-2020.
- 6 days online webinar on “**Modern Material and Industrial Automation**” conducted by Sri Sairam Institute of Technology, Chennai between 20-06-2020 to 25-06-2020.

Awards and Achievements

- Won 2nd prize** in Tamilnadu and Pondicherry level yoga Championship Competition.
- Recorded **PRANAMASANA** by staying about 3 hours using Glass cups in “**Online World Record Yoga Mela**” at JJCET.
- Won First Prize in Paper Presentation (2014) and also in Project Proposal (2015) conducted by “**INDIAN SOCIETY FOR TECHNICAL EDUCATION**” at JJCET.
- Awarded as **Best Performer of the day** for Adzap by **Hello fm(106.4)**.

Administrative Accomplishments:

- Department Admission In charge
- NAAC VI Coordinator