

PROFILE

1. NAME AND DESIGNATION : Mr J SIVA

Assistant Professor

Department of Aeronautical Engineering

S.J.C. Institute of Technology,

P.B. 20, B B Road,

Chickballapur-562101, Karnataka

Email: jsiva.ae@sjcit.ac.in

2. DATE OF BIRTH : 02-05-1987

3. RESIDENTIAL ADDRESS : Lakamiah Layout, Vinayaka chowtar Road
Prashanth Nager,, 20th Ward, Chikballapur ,
KARNATAKA 562101, India

4. EMPLOYMENT RECORD (Starting from present position) :
Total Experience: (Academic-13.5 & Industry-1.3) = 14.8 Years

UNIVERSITY/COLLEGE	DESIGNATION	DURATION	PERIOD
SJC Institute of Technology - Bangalore	Assistant Professor	-	Aug 2025 to till now
MVJ College of Engineering - Bangalore	Assistant Professor	1.4	MAY 2024 to JULY 2025
ACS College of Engineering - Bangalore	Assistant Professor	5.2	MAR 2019 to Apr- 2024
M.A.R College of Engineering and Technology - Pudukkottai	Assistant Professor	2.7	JULY 2016 to FEB 2019
University College of Engineering – BIT Campus Trichy	Assistant Professor	0.5	JULY 2014 to DEC 2014
JJ College of Engineering and Technology - Trichy	Assistant Professor	3.6	DEC 2010 to JULY 2014

5. EXPERIENCE (INDUSTRIAL)

Company : Hi-Tech Power Drive
Designation : Production Engineer
Period : From Jan-2015 to Apr-2016 – (1yr 3m 11d)

6. EDUCATIONAL QUALIFICATION:

Degree	Year	Specialization	Institution / University
Ph.D	Pursuing	Aerospace Engineering (Aerodynamics)	ACS College of Engineering, Bangalore /VTU -Belgaum
M.E	2014	Thermal Engineering	University College of Engineering – BIT Campus -Trichy
B. E	2010	Aeronautical Engineering	Hindustan College of Engineering - Chennai
Diploma	2007	Diploma in Automobile Engineering	Venkateswara Polytechnic College - Pudukkottai

Publications:

1. Springer Journal “*AEROTHERMAL ANALYSIS OF A MARS ENTRY CAPSULE AT HYPERSONIC SPEEDS USING CFD*” - International Conference on Advances in Aerospace and Navigation Systems (ICAAN-2025) at Saranathan College of Engineering, Trichy.
2. Springer Journal “*Analyzing the influence of split configurations on the Aerodynamics Efficiency of the NACA 0012 Airfoil: Computational and Experimental Investigation*” Proceedings of the 1st International conference on Advances in Aerospace and Navigation systems-2024. Chapter 7 (DOI:10.1007/978-3-031-76937-5).
3. ACS Journal for Science and Engineering “*Aerodynamic Investigation of Double Surface Airfoil*”, ACS College of Engineering, Bengaluru. -E-ISSN :2582-9610 (DOI: <https://doi.org/10.34293/acsjse.v1i2.13>)- 2021
4. Paper Presented “*Preparation of Biodiesel Using KOH Alkali & Performance Analysis of Diesel Engine with Various Biodiesel Blend Ratios*”, National Conference “*University College of Engineering*”, Dindigul.
5. Paper Presented “*Performance Analysis on Diesel Engine Using Diesel Blend Ratios – A Soft Computing Approach*” National Conference “*Energy, Environment and Materials (EEM-2015)*”, Bannari Amman Institute of Technology, Sathyamangalam.

Co-curricular Activities

1. Attended “**Fluid Mechanics and Machinery**” Faculty Development Training Programme held at J.J College of Engg and Tech – Center of Faculty Development (Anna University) - From “5 June 2013 to 12 June 2013”

2. Attended “**Emerging Research Areas in Aerodynamics**” Faculty Development Program – online - Bannari Amman Institute of Technology, - From “03-08-2020 to 08-08-2020”
3. Attended “**Computational Fluid Dynamics**” Faculty Development Program – online -ATAL - From “21-09- 2020 to 25-09-2020”
4. Attended “**Innovation Ambassador Training**” MOE’s Innovation cell & AICTE – online - From “30-06- 2021 to 30-07-2021”
5. Attended “**Fundamentals of Data Science & Analysis**” Faculty Development Program – online - AICTE - VTU JTTP - From “05th-06-2023 to 09th-06-2023”
6. Attended “**Introduction to python Programming & its applications**” Faculty Development Program – online -AICTE -VTU JTTP - From “19-06-2023 to 23-06-2023”.
7. Attended “**Emerging Technologies in Drone Design and Development**” Faculty Development Program – online -AICTE -ATAL - From “05-02-2024 to 09-02-2024”
8. Attended “**Advanced Computational Techniques in Applied Aerodynamics**” Faculty Development Program – online -04th to 08th August 2025. By Bharath Institute Of Higher Education & Research, Chennai

6. AREAS OF INTEREST:

- Computational Fluid Dynamics
- Aero Engineering Thermodynamics
- Aerospace Propulsion
- Introduction to Space Technology
- Aerodynamics
- Space Vehicle Design
- Unmanned Aerial Vehicles – Basics & Applications
- Engineering Graphics
- Aircraft Component Drawing Lab
- Cad/Cam Lab
- Advance Propulsion Laboratory
- Design, Modelling & Analysis Laboratory
- Mechanics Of Machines
- Heat Transfe

7. ADDITIONAL RESPONSIBILITIES TO THE DEPARTMENT/COLLEGE

- SEED Coordinator, NBA II & III Criteria Coordinator, Mini Project Coordinator, Professional/Open Elective Coordinator, Department Meeting coordinator, Industrial Visit coordinator and IIC Coordinator – SJCIT, Chickballapur
- BOS In Charge - Aerospace -MVJCE -Autonomous Institution-Bangalore, NBA (Tier I) – Criteria 3 – In charge, BOE Member– Aerospace - MVJCE -Autonomous Institution-Bangalore & ET coordinator – Dept of Aerospace Engineering – MVJCE, MOOC Course – Created in MVJCE for Basics of Aerospace Engineering subject.
- Established – Advanced Propulsion Laboratory – VTU Scheme – ACSCE, Coordinator – SIH Finale – 2022 – ACSCE, Various dept level coordinators- Exam cell, Institution’s Innovation Council, Timetable, Alumni, NAAC, NBA, & social media – ACSCE

Date:30-09-2025

Place: Chickballapur

(J SIVA)