

## **RESEARCH SUPERVISOR PROFILE**

**Name** : Dr. J. Bruce Ralphin Rose, B.E., M.E., Ph. D.,

**Designation** : Assistant Professor

**Department** : Mechanical Engineering

**Specialization** : Aeronautical Engineering

**Mail id (Off)** : [bruce@auttvil.ac.in](mailto:bruce@auttvil.ac.in)

**Area of Interest** : Bioinspired Aerodynamics, Aircraft Design, CFD

**Education** : Ph.D – In the research area ‘**Aero elasticity**’ (*under* the Faculty of Mechanical Engineering) – Anna University, 2014.  
B.E & M.E – Aeronautical Engineering – Anna University.

**Experience** : 15<sup>+</sup> Years of Academics and Research

**Projects** : 02 Research Projects completed with DBT and TNSCST funding

**Working research topics:** Biomimetic morphing, Bioinspired AI designs, Green Aviation

**PUBLICATIONS:**  
**Kindly visit:**  
<https://scholar.google.com/citations?user=KoPHW00AAAAJ&hl=en>

**Web of Science Researcher ID** : C-9968-2017 (*Aerospace journals h-index = 8*)

**Research Guidance:** (Status as on 09/12/2023)

- Ph.D Research Guidance: 1) 03 Scholars (Degree Awarded)  
2) 02 Scholars (Thesis Submitted)  
3) 03 Scholars (Pursuing)

**Research Awards:** i). Outstanding Reviewer award (*Elsevier International*)  
ii). Outstanding Author award (*Springer Nature*)

**Research Achievements:** More than 50% of WOS indexed articles published in **Q1 & Q2** journals

**Membership in Professional Bodies:** IEI, AeSI, ISTE, AIAA



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