



## DEPARTMENT OF AEROSPACE ENGINEERING

### PhD Guidance- VTU Research Centre- Department of ASE

Sl. No.	Research Guide	Name of Scholar	Topic of Research	University & Year of Registration	Status
1	Dr. R. Mukesh Professor & Head Aerospace	Nishanth. P (1AH15PAJ01)	Aerodynamic Investigation and Shape Optimization Studies on Blended Wing Body Aircraft Configuration	VTU, Belgaum 2015	PhD Awarded on 10.3.2022
		Inamul Hasan (1AH17PMA01)	Flow Characteristics Analysis of Supercritical Airfoil in Helicopter Main Rotor Blades	VTU, Belgaum 2017	PhD Awarded on 06.12.2022
		Radhakrishnan P (1AH19PAE01)	Aerodynamics Performance and crack growth analysis of structural wing with high lift devices incorporated with self-healing concept.	VTU, Belgaum 2019	CV Completed 07.01.2022
		Srinath R (1AH19PAE02)	Aerodynamic Performance enhancement of airfoil using optimization and passive flow control techniques.	VTU, Belgaum 2019	CV Completed 18.02.2022
		Prashant (1AH20PAE01)	Numerical and Experimental analysis of Aerodynamics Characteristics of an unsymmetrical Airfoil	VTU, Belgaum 2020	Pursuing
		Swathi K (1AH20PAE02)	Prediction of Ionospheric TEC and estimation of range error based on NavIC data by using Machine Learning Algorithms	VTU, Belgaum 2020	Pursuing
		Praneeth H R	Design and Optimization of an airfoil for enhancement of aerodynamic efficiency under rainfall conditions	VTU, Belgaum 2023	Registered



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**Ph.D. Awarded during the assessment period while working in the  
Institute**

Sl. No.	Name of faculty	Details of Faculty	University	Title of Research	Year of Completion
1	Dr. Inamul Hasan	Associate Professor	VTU, Belgaum.	Flow Characteristics Analysis of Supercritical Airfoil in Helicopter Main Rotor Blades	2022
2.	Dr. V. Paramaguru	Associate Professor	Anna University	Studies on performance and emission characteristics of variable compression ratio diesel engine blended with alternative fuels and soft computing approach using RSM and ANN.	2021