

Name	Dr. Sushanlal Babu				<u>Designation</u>	
Date of Joining	05/05/2023				Assistant Professor	
Research Areas	Aerodynamics, Turbomachinery, CFD				Email : sushanlal@karunya.edu Contact no: 8590569780	
Education	UG	Mechanical Engineering	Amrita Vishwa Vidyapeetham		2010	
	PG	Thermal Engineering	Cochin University of Science and Technology		2014	
	PhD	Turbomachinery	National Institute of Technology Karnataka		2021	
	Others	Post Doc	IIT Bombay		2023	
Total Experience (Years)	Teaching		Industry		Research	
	1 year		8 months		2 years	
Area of Specialization	Heat Transfer, Fluid Mechanics, Turbomachinery					
Research Interests	Compressor and turbine blade passage aerodynamics Flow instabilities in axial compressors Gas turbine blade cooling					
Subjects Teaching (3 best subjects)	Under Graduate			Post Graduate		
	Aerodynamics Heat and Mass Transfer Boundary Layer Theory Engineering Thermodynamics			----		
No. of Papers Published	Scopus	6	Web of Science	2	UGC / Others	
No. of Papers Presented in Conferences	International : 4 National : 4		No. of FDPs attended 1		No. of Guest Lectures Delivered 1	
Patents	Nil					
Research Guidance	Ph.D. : Nil		PG Level : 1		UG Level : 1	
Research Grants	Organization -		Topic -		Amount -	
Professional Memberships	Nil					
Consultancy Associations	Nil					
Awards / Honours	Received MHRD fellowship for doing Ph D. Received Institute fellowship for doing Post Doc.					
Department Responsibilities	In-charge of Aerodynamics Laboratory					