

| | | | | | | |
|---|---|------------------------|---|---------------|--|--|
| 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 | |
| | 2 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 2 | | No. of Guest Lectures Delivered 1 | |
| Patents | Nil | | | | | |
| Research Guidance | Ph.D. : Nil | | PG Level : 1 | | UG Level :5 | |
| 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 | | | | | |