

Faculty Profile

Brief Profile (Few Paragraphs)



Personal Information

- **Name:** Gajanan
- **Designation:** Assistant Professor
- **Department:** Mechanical Engineering
- **Email:** gajanan@rvce.edu.in
- **Phone:** 8867550078

Google Scholar / ResearchGate / LinkedIn:

<https://scholar.google.com/citations?user=IYkQIU8AAAAJ&hl=en>

ORCID:

Domain of Expertise

Research Focus

- **Primary Area:** Turbomachinery Aerodynamics, Computational Fluid Dynamics
- **Allied Areas:**
 - Fluid Mechanics, Heat Transfer

Academic Qualifications

- **Ph.D.:**
- **M.Sc./M.Tech:** MS in Thermal Sciences, IIT Madras, 2016
- **B.E./B.Tech:** Mechanical Engineering, VTU Belgaum, 2012
- **Postdoctoral Research:**

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)

1.	RV College of Engineering, Bengaluru	Assistant Professor	Aug 2016- Present
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Publications & Patents

Journal Publications

1. Gajanan, N Sitaram, K Viswanath, 'Computational and experimental investigations of separation control of LP turbine cascade blades using Gurney flaps', Journal of Applied Fluid Mechanics 14 (3), 2020
2. N Sitaram, R Sreekanth, M K Kalwan, T Gajanan 'High-temperature Calibration Facility for Calibrating Multihole Pressure Probes', Journal of The Institution of Engineers (India): Series C, 2021
3. N Sitaram, R Jangir, T Gajanan, 'Miniature Four Hole Probe for Three Dimensional Boundary Layer Measurements', Applied Mechanics and Materials 592, 2014
4. R Jangir, N Sitaram, T Gajanan, 'A Miniature Four-Hole Probe for Measurement of Three-Dimensional Flow with Large Gradients' International Journal of Rotating Machinery 2014 (1), 2014

Conference Papers

1. T Gajanan , N Sitaram 'Reynolds Number Effects on the Calibration of a Subminiature Four Hole Three Dimensional Wake Probe' Gas Turbine India Conference 49644, 2014
2. G S Srivatsa, T Gajanan 'Computational Investigations of Varying Solidity LP Turbine Cascade with Gurney Flap for Low Reynolds Numbers' Proceedings of the National Aerospace Propulsion Conference, 105-117, 2020

Books/Book Chapters

Patents [Filed / Published / Granted]

R & Grants & Consultancy Projects

Ongoing & Completed Research Projects

Ongoing & Completed Consultancy Projects

- **Professional Memberships**

Awards & Recognitions

• Student Supervision

- **Ph.D. Candidates:**
- **M.Tech/M.Sc. Students:** 03
- **Undergraduate Research Mentees:** 06

Professional Roles

Teaching

Advanced/Lab Courses:

Professional Roles

Responsibilities

External Connect