

Faculty Profile

Brief Profile (Few Paragraphs)



Personal Information

- **Name:** Vinod Kallur
- **Designation:** Associate Professor
- **Department:** Chemical Engineering
- **Email:** vinodkallur@rvce.edu.in
- **Phone:** +91 80 6818 8443

Google Scholar: Link: Google Profile VK

Domain of Expertise

Research Focus

- **Primary Area:** Modeling and Simulation
- **Allied Areas:**
 - Process Development
 - [e.g., Nanomaterials, IoT for Infrastructure, Quantum Computing]

Academic Qualifications

- **Ph.D.:** Faculty of Engineering, VTU, 2016
- **M.Tech:** Industrial Pollution Control, Mangalore University, 1996
- **B.E.:** Mangalore University, 1992
- **Postdoctoral Research:** NA

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	SRM Engineering College, Chennai Presently SRM University	Lecturer	03-07-1996 to 16.04.1999
2.	RV College of Engineering,	Lecturer	20.04.1999 to 28.06.2007

	Bengaluru		
3	RV College of Engineering, Bengaluru	Assistant Professor	29.06.2007 to 31.12.2010
4	RV College of Engineering, Bengaluru	Associate Professor	01.01.2011 – Till Date

Publications & Patents

Journal Publications

1. Vinod Kallur, M A Lourdu Antony Raj, Modeling and simulation of Laminar Flow Tubular Reactor, International Journal of Chemical Sciences and Applications, 3(2), 2012 pp 254 – 263.
2. Vinod Kallur, M A Lourdu Antony Raj, Numerical Testing and Validation of a Model for Laminar Flow Tubular Reactor, International Journal of Innovative Research in Science, Engineering and Technology, Vol 3, Issue 10, 2014, pp 16932 – 16940
3. Vinod Kallur, M A Lourdu Antony Raj, MODELING OF LAMINAR FLOW TUBULAR REACTOR USING VELOCITY PROFILE, International Journal of Research in Engineering and Technology, Vol 3, Issue 9, pp 309-314, 2014

1. [Author(s)], "[Title]," *[Journal Name]*, [Year]. {As per the standard format}
2. [Author(s)], "[Title]," *[Journal Name]*, [Year].

Conference Papers

1. [Author(s)], "[Title]," *[Conference Name]*, [Year]. Nil

Books/Book Chapters: Nil

Patents **[Filed]**

1. [Extraction of cellulose acetate from processed cigarette filter waste], [**461359**], [24-08-2023]

R & Grants & Consultancy Projects

Ongoing & Completed Research Projects

- **[Drag Reduction Studies on underwater bodies - analysis]** – Funding Agency: [Naval Research Board], Duration: [], Role: [PI].

Ongoing & Completed Consultancy Projects

- **[Development and design of a process to synthesize borate ester for brake fluid applications]** – Funding Agency: **[Refsol International (PTY) LTD, South Africa,]**, Duration: [2023-Ongoing], Role: [Co-PI].

Professional Memberships

- Life Member, Indian Institute of Chemical Engineers (IChE), LM 24498
- Life Member, Indian Society for Technical Education (ISTE), LM 27398

Awards & Recognitions

- [Award Name], [Organization], [Year]
- [Achievement], [Details], [Year]

Student Supervision

- **Ph.D. Candidates:** [1] ([X] Graduated)
- **M.Tech:** [4]
- **Undergraduate Research Mentees:** [23]

Professional Roles

- **Editorial Board:** [Journal Name] Nil
- **Chair/Committee Member:** [Conference Name, e.g., *IEEE International Conference on Robotics*] Nil
- **Industry Advisor:** [Company/Startup Name] Nil

Teaching

Core Courses: [Current semester]

- [Course Code] [Name] (e.g., *Thermodynamics, Control Systems, VLSI Design*)
- [Course Code] [Name]

Advanced/Lab Courses:

- [e.g., *Mechatronics Lab, Advanced Structural Analysis*]

Professional Roles

Responsibilities

- **Academic:** [HOD/Exam Coordinator/Placement Coordinator, etc.]Nil
- **Administrative:** Academic planning & Monitoring committee, Innovation cell & Industry Connect

External Connect

- Member of BoS, BIET Davanagere, VTU Nominee
- Member screening committee of a national lab (Confidential)