

PROFILE

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| Name | Anand Kulkarni |
| Position & Affiliation | Assistant Professor, Department of Mechanical Engineering |
| Areas of Interest | Heat Transfer, Fluid Mechanics, Computational Fluid Dynamics, Heating, Ventilation and Conditioning. |
| Email | anandkulkarni.mech@cambridge.edu.in |
| LinkedIn ID | www.linkedin.com/in/anand-kulkarni-0a17618a |
| Google Scholar ID | _zGbIX0AAAAJ |
| Orchid ID | 0009-0007-0288-6465 |
| Vidwan ID | https://vidwan.inflibnet.ac.in/profile/270506 |
| Scopus ID | - |
| Professional Webpage (if any) | - |

Educational Qualifications:

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| Ph.D | NA | | |
| MTech | Siddaganga Institute of Technology-Tumkur, VTU Belagavi | India | 2014 |
| BE | Basaveshwara Engineering College Bagalkot, VTU Belagavi | India | 2011 |

Areas of Research:

Biodiesel, Computational Fluid Dynamics

Brief Profile: (write about yourself)

Experienced Professor with a proven history of working in the professional teaching-learning pedagogy. Skilled in Computational fluid dynamics, Engineering Thermodynamics applying them into simulation software Ansys-22 Workbench, Fluent and Solid Works, ProE, ANSA etc. Adding further, I have equipped with basic skills like Microsoft Excel, Man Management, Microsoft Word, Microsoft PowerPoint, and Engineering. Strong education professional with a Bachelor of Engineering - BE focused in Industrial and Production Engineering from Basaveshwar Engineering College, Bagalkot and M.Tech from Siddaganga Institute of Technology Tumakuru.

Guiding students at various levels totally 16 students at UG level including Internship, Major and Minor projects.

Awards/Achievements/Others:

Courses Taught: Basic Thermodynamics, Applied Thermodynamics, Fluid Mechanics, Turbomachines, Heat Transfers, Elements of Mechanical Engineering, Renewable Energy Sources.

Publications/Patents:

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| Publications | Testing of Thermal Barrier Coatings for Fatigue Life, IUP Journal of Mechanical Engineering, Volume 16, Issue 2 Designing Efficient Sugarcane Node Cutting Machines: A Novel Approach. IUP Journal of Mechanical Engineering, Volume 17, Issue 1 Effects of Reynolds Number on the Volume Concentration of Al ₂ O ₃ in Ethylene Glycol. Publication date 2023/4/1, Journal International Journal of Vehicle Structures & Systems (IJVSS), Volume 15, Issue 3 |
| Patents | 1 Filed |
| Book/Book Chapters | NA |

Research and Consultancy:

1. “Development of Burner Rig for High Temperature Applications” sponsored by KSCST 46th Student Project for the year 2022-2023. [4 Students]
2. “Gyro Based Exo-Skeleton Arm” VTU Financial Assistance for Final Year UG Students 2020-2021. [4 Students]
3. “Design and Fabrication of Low Grade Plastic Recycling Machine” Best Project for Intuit 2021-22. [4 Students]
4. “Vegetable Cart with Natural Evaporative Cooling” Sponsored by Trane Technologies for the Year 2021-22. [4 Students]