

FACULTY PROFILE

1. PERSONAL & INSTITUTIONAL DETAILS

Particulars	Details
Recent Passport-size Photograph	
Full Name	Manjunath Ichchangi
Designation	Assistant Professor
Department	Mechanical Engineering
Employee ID / Faculty ID	1-3261384924
Highest Qualification	M.Tech
Specialization / Area of Expertise	Thermal Power Engineering
Date of Joining the Institution	07-08-2025
Official College E-mail ID	mai@mcehassan.ac.in
Mobile / Contact Number (if permitted)	9986669123

2. ACADEMIC QUALIFICATIONS

Sl. No.	Degree	Specialization / Branch	Institution / University
1	M.Tech	Thermal Power Engineering	Siddaganga Institute of Technology Tumkuru
2	BE	Mechanical Engineering	SKSVMACET Lakshmeshwar

3. PROFESSIONAL EXPERIENCE

Sl. No.	Institution / Organization	Designation	Department	From	To
1	Malnad College of Engineering Hassan	Assistant Professor	Mechanical Engineering	2025	Till now
2	Bearys Institute of Technolgy Mangalore	Assistant Professor	Mechanical Engineering	2015	2025
3	Vivekananda College of Engineering Puttur	Assistant Professor	Mechanical Engineering	2013	2015

4. SUBJECTS / COURSES TAUGHT

Sl. No.	Course / Subject
1	Heat Transfer
2	Introduction to Mechanical Engineering
3	Computer Aided Engineering Drawing
4	Machine Drawing
5	Advanced Python Programming
6	Spread sheet for engineers
7	Research Methodology and IPR
8	Turbomachines
9	Applied Thermodynamics
10	Basic thermodynamics
11	Energy and environment
12	Universal human values

5. LABORATORY EXPERTISE

Sl. No.	LABORATORY EXPERTISE
1	Energy Conversion Laboratory
2	Fluid mechanics laboratory
3	Heat Transfer laboratory Fluid power systems laboratory
4	CNC Programming and 3d printing laboratory
5	Manufacturing Technology Laboratory

Software / Tools Expertise:

Sl. No.	Software / Tools
1	ANSYS/FLUENT
2	MATLAB
3	SOLIDWORKS

8. STUDENT PROJECTS GUIDED

Sl. No.	Project / Consultancy Title	Role	Funding Agency / Organization
1	DESIGN AND FABRICATION OF COMPACT LOW COST BIOGAS GENERATION UNIT EQUIPPED WITH OPTIMUM TEMPERATURE MAINTAINING FACILITY FOR DOMESTIC KITCHEN WASTE	Guide	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
2	DESIGN AND FABRICATION OF LOW COST SOLAR BIOMASS HYBRID COPRA DRYER FOR RAGHAVENDRA COCONUT OIL MILL, GRAMACHAVADI, MANGALORE	Guide	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
3	DESIGN AND FABRICATION OF SOLAR-BIOMASS HYBRID DRYER	Guide	

Sl. No.	Project / Consultancy Title	Role	Funding Agency / Organization
	FOR DRYING OF AGRICULTURAL RAW RUBBER		KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
4	Design and fabrication of solar operated weed removing machine	Guide	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

09. PUBLICATIONS

Journal Publications

Sl. No.	Title of Paper
1	P. R. Chitrager, K. V. Shivaprasad, Manjunath Ichchangi , Rajesh Ravi, M. S. Yadav, G. N. Kumar "Influence of water-methanol injection and turbocharging on the performance of a hydrogen-fueled spark ignition engine" Environ Qual Manage. 2023;1–12. wileyonlinelibrary.com/journal/tqem DOI: 10.1002/tqem.22142
2	Manjunath Ichchangi, Manjunath H "CFD Design Study of a Circulation Control Inlet Guide Vane of an Aerofoil" International Journal of Mechanical Engineering and Robotics Research, Vol 1, Oct 2012, pp 311-316, Scopus Indexed.
3	Manjunath Ichchangi , Vasantha Kumar, Arvind Kumar, Mohammed Shaizaad, Mohammed Anaz Abubakar, Mahammad Junaid and Shaikh Afrid, "Artificial Intelligence Assisted Solar Biomass Hybrid Dryer for Drying Cocoa" International Journal of Scientific Research in Science, Engineering and Technology, Vol 9, July 2022, pp 38-42.
4	Arvind Kumar, Vasantha Kumar, Manjunath Ichchangi , D Dritha Kumar, Dinakara and Prashanth Kutinha, "Automatic Solar Operated Lake Cleaning Floating Machine" International Journal of Scientific Research in Science, Engineering and Technology, Vol 9, July 2022, pp 32-37.
5	Manjunath Ichchangi , Vasantha Kumar, Arvind Kumar, "Design and Fabrication of Compact Low-cost Biogas Generation Unit Equipped with Optimum Temperature Maintaining Facility for Domestic Kitchen Waste" Journal of Advancements in Material Engineering e-ISSN: 2582-0036, Vol. 10, Issue 1 (January – June, 2025) pp: (36-44)
6	Manjunath Ichchangi , Arvind Kumar, "Design and Fabrication of Wi-fi Controlled All Terrain Vehicle with Self Stabilizing Platform" International Journal of Research and Analytical Reviews, Vol 5, Nov 2018, pp 380-386.

10. FDPs / CERTIFICATIONS

Faculty Development Programmes (FDPs)

Sl. No.	Programme Title	Organizing Institution	Duration	Year
1	AICTE Training And Learning (ATAL) Academy Faculty Development Program on “Modeling and Simulation of Composite Materials: Fabrication, Characterization and Applications”	ELITTE COLLEGE OF ENGINEERING	09/02/2026 to 14/02/2026.	2026
2	One week faculty development program on “Recent advances and emerging technologies in engineering and applied sciences”	Malnad college of engineering Hassan	18/08/2025 to 23/08/2025.	2025
3	Faculty Development Program (FDP) on “Hydrogen Energy: Systems, Applications, Storage, and Next-Generation Fuels for Sustainable Engineering” ,	Organized by Department of Aeronautical Engineering, Annasaheb Dange College of Engineering and Technology, Ashta under the Lead College Scheme of Shivaji University, Kolhapur	, held between 23rd and 28th March 2026.	2026
4	5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education”	AICTE	14 June, 2021 to 18 June, 2021.	2021
5	5 days online faculty development program on “Application s of MATLAB for mechanical engineers”	Department of mechanical engineering St Joseph engineering college mangaluru	March-01-2021	2021
6	2 days FDP on “MATLAB Applications for Mechanical Engineering”	CoreEL Technologies	March-01-march-02	2021
7	3 days faculty development program on “Train the trainers-teachers 360”	Bearys knowledge campus mangalore	28 th to 30 th jan 2020	2020
8	3days VGST sponsored faculty development program on “Technical education and skill development in india”	Department of mechanical engineering SDM College of engineering and technology dharwad	23 rd to 25 th January 2019	2019

Sl. No.	Programme Title	Organizing Institution	Duration	Year
9	2 days faculty development program on “Basics of cfd and hands on training using ansys fluent”	Sri madhva vadiraja institute of technology and management bantakal	8 th to 9 th june 2018	2018
10	3 days faculty development program on “Theoretical and computational mechanics –(TEQIP II funded) ”	Department of mechanical engineering NMAM institute of technology Nitte	19 th to 21 st jan 2017	2017
NPTEL - Faculty Development Programmes (FDPs)				
1	NPTEL-AICTE faculty development program on “Waste to energy conversion”	NPTEL	Jan-Mar-2026	2026
2	NPTEL-AICTE faculty development program on “Brief introduction to psychology”	NPTEL	Jul-aug-2023	2023
3	NPTEL-AICTE faculty development program on “Introduction to Psychology”	NPTEL	Jan-mar-2025	2025
4	NPTEL-AICTE faculty development program on “Psychology of Everyday”	NPTEL	aug-sep-2023	2023
CERTIFICATIONS NPTEL				
1	NPTEL ONLINE CERTIFICATION “Waste to energy conversion”	NPTEL	Jan-Mar-2026	2026
2	“Introduction to Programming with MATLAB”	Coursera - Vanderbilt University	Nov-2020	2020
3	NPTEL ONLINE CERTIFICATION “Concepts of thermodynamics”	NPTEL	July-oct-2019	2019
4	NPTEL ONLINE CERTIFICATION “Conduction and convection heat transfer”	NPTEL	Jan-apr-2019	2019
5	NPTEL ONLINE CERTIFICATION “Brief introduction to psychology”	NPTEL	Jul-aug-2023	2023
6	NPTEL ONLINE CERTIFICATION	NPTEL	Jan-mar-2025	2025

Sl. No.	Programme Title	Organizing Institution	Duration	Year
	"Introduction to psychology"			
7	NPTEL ONLINE CERTIFICATION "Psychology of Everyday"	NPTEL	aug-sep-2023	2023
8	NPTEL ONLINE CERTIFICATION "Level-O Certificate Course in Cricket Coaching"	NPTEL	jan-apr-2025	2025
NITTT Certification				
1	Orientation Towards Technical Education and curriculum aspects	NITTT	JUL-AUG-2026	2026
2	Professional ethics and sustainability	NITTT	JUL-AUG-2026	2026
3	Communication skills,modes and knowledge dissemination	NITTT	JUL-AUG-2026	2026
4	Instructional planning and delivery	NITTT	JUL-AUG-2026	2026
5	Technology enabled learning and life long self learning	NITTT	JUL-AUG-2026	2026
6	Student assessment and evaluation	NITTT	JUL-AUG-2026	2026
7	Creative problem solving,innovation and meaningful research and development	NITTT	JUL-AUG-2026	2026
8	Institutional management and administrative procedures	NITTT	JUL-AUG-2026	2026

11. Conferences / Seminars

CONFERENCES

Sl. No.	Conference / Seminar	Role	Organizing Institution	Year
1	Sustainable urban development, resource conservation and food security (SURF-2020)	Author	Bearys Knownledge Campus Mangalore	2020
2	Seminar on “National education policy 2020 : implementation and challenges”	participant	Bearys institute of technology mangalore	2021
3	Webinar on “Making slums livable ”	participant	Bearys Knownledge Campus Mangalore	2020
4	Technical talk on “Fundamentals and applications of CFD in Aeronautical Engineering ”	participant	Bearys institute of technology mangalore	2022

12. Training Programmes / Workshops

Sl. No.	Programme / Workshop	Institution	Duration	Year
1	One Week AICTE – VTU Joint Teachers Training Programme on “An Overview of Teaching Techniques in Computational Fluid Dynamics”	VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.	1 week	2022
2	2 days workshop on “Outcome based education system”	Bearys knowledge campus mangalore	2 days (27 th and 28 th june 2019)	2019
3	1 day international workshop on “Effective research, proposals, investigations and publications”	Department of mechanical engineering st joseph engineering college mangaluru	1 day	2017
4	1 day national workshop on “Artificial neural network and its applications ”	Department of mechanical engineering st bearys institute of technology mangaluru	1 day	2016

13. PROFESSIONAL MEMBERSHIPS

Sl. No.	Professional Body / Society	Membership Type	Membership No.	Year
1	Indian society for technical education(MISTE)	Life member	LM 122878	2018
2	International association (IAENG)	Life member	275075	2021

14. ADMINISTRATIVE / ACADEMIC RESPONSIBILITIES

Sl. No.	Responsibility / Position	Department / Institution	Academic Year	Duration
1	CIE Coordinator	Mechanical Engineering	2025-26 2026-27	Till now
2	Time table coordinator	Mechanical Engineering	2025-26	2025-26
3	Internship coordinator	Mechanical Engineering	2025-26 2026-27	TILL NOW
4	NBA Criterion 5 coordinator	Mechanical Engineering	2025-26 2026-27	TILL NOW
5	NBA Criterion 9 coordinator	Mechanical Engineering	2025-26 2026-27	TILL NOW
6	NAAC Criterion 2 coordinator	Mechanical Engineering	2025-26 2026-27	TILL NOW

15. AWARDS / ACHIEVEMENTS / RECOGNITIONS

Sl. No.	Award / Achievement	Awarding Organization	Year	Remarks
1	Certificate of commendation	Bearys institute of technology mangalore	2016	For the able guidance for the commendable project "air engine four wheeler"
2	Certificate of appreciation	Bearys knowledge campus mangalore	2020	For having served as moderator at the paper presentations during the online 2 nd international conference on the theme "sustainable urban development resource conservation and food security"
3	Certificate of appreciation	Cyseck cyber security of Karnataka	2021	For valuable service as facilitator during the march for secure code programme