

Bio Data

Name: Mr. K KRISHNA MURTHY
Designation: Assistant Professor
Department: Mechanical Engineering
Email ID: krishnamurthy_k@vnrvjiet.in



Experience (in years): Teaching: 7 years 1 months
Research: Air lift loop, Others (If any, Specify): --

1. Educational / Technical qualifications:

S.No.	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	UG: B.E.	2008	Mechanical Engineering
2	PG: M.Tech.	2011	Thermal Power Engineering
3	Ph.D.	2017 Registered	Mechanical engineering

2. Teaching and Learning:

2.1. Teaching Interests:

Engineering Graphics/Drawing, Basic Thermodynamics, Heat and Mass Transfer Fluid Mechanics and Hydraulic Machines, Computational Fluid Dynamics, Engineering Mechanics, Power Plant Engineering, Design of Heat Exchanger Equipment, Fluid Mechanics Lab, Heat Transfer Lab, and Thermal Lab.

3. Co-curricular and Extra-Curricular Activities:

3.1. Interests and Hobbies:

- Reading books.
- Playing games(Indoor games)
- To promote work efficiency and good attitude towards work, in organizations.

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted: 0

4.2 Attended: 4

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 8

b) PG: Major – 1; Mini – 1

5.5. Research Interests:

- Heat transfer analysis on Nano-particles and Nano-fluids, Heat Exchanger, Design of Heat Exchanger Equipment, convection heat transfer analysis, solar still.

5.6. Ph.D students: Not Applicable

- a) Enrolled:
- b) Submitted:
- c) Awarded:

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Experimental Analysis on Heat Transfer Enhancement of Double Pipe Heat Exchanger Using Alumina/Water Nanofluid and Baffled Twisted Tape Inserts	Applied Mechanics and Materials, Vols. 752-753, (2015), pp 458-465.	16627482	Indexed in peer reviewed	International
2	Effect of Peclet Number on the Thermo Capillary Convection and Molten Pool Shape Formation during Laser Welding by Using CFD	Advanced Materials Research, Vols. 383-390, (2012), pp 6231-6235.	10226680	Indexed in peer reviewed	International
3	Experimental Investigation on Heat Transfer Enhancement of Three Tube Heat Exchanger using Aluminium Oxide (Al ₂ O ₃)/Water Nano fluid	Advances in Mechanical Engineering and Nanotechnology (AMENT2018) <i>Volume 5, Special Issue, June 2018</i>	2348-8565	UGC Paper	National Conference
4	Experimental Investigation on Pyramidal Solar Still for Indian Climate	Advances in Mechanical Engineering and Nanotechnology (AMENT2018) <i>Volume 5, Special Issue, June 2018</i>	2348-8565	UGC Paper	National Conference

Details of Consultancies Offered

S.No.	Type of Consultancy	Benefited Organization	Amount
1	Performance test on VCR Engine	MLRIT, Hyderabad	1500
2	Emission and Performance test on CVR Engine	MLRIT, Hyderabad	1000

3	Performance test on VCR engine with Biodiesel blends	MLRIT, Hyderabad	1000
4	Performance and Emission test	Government person	16000
5	Performance and Emission test	MLRIT, Hyderabad	4000

Details of Administrative Positions held in the Institute & Works involved – Max. Score=40

S.No.	Name of the Administrative Position	Work involved	Period
1	Member of IQAC	Related to IQAC work	2018- till date
2	Lab In charge	Establishment and maintained	2015- till date
3	NAAC	Teachers Quality, MOU'S in institute level and Higher studies	2017-18
4	NBA	Higher studies	2015 - Till
5	Mtp (Mentoring)	For 24 Students	2015 - till
6	Class Coordinator	-	2015 - till