

PROFILE

Name	Dr. ARUN KUMAR K, B.E., MTech., Ph. D.
Position & Affiliation	Associate Professor, Department of ME
Areas of Interest	Automobile, CAED, Nano Fluids.
Email	arunk.mech@cambridge.edu.in
LinkedIn ID	937207142
Google Scholar ID	b1ejxjgAAAAJ
Orchid ID	-
Vidwan ID	565645
Scopus ID	-
Professional Webpage (if any)	-

Educational Qualifications:

Ph.D.	VTU, Belgaum.	India	2023
MTech	Alpha college of Engineering, VTU	India	2014
BE	MVJCE, VTU	India	2012

Areas of Research:

Nano Fluids, CFD.

Brief Profile: (write about yourself)

Completed MTech and PhD in Thermal Properties of Nanofluids. Has over 12 years of Academic and Teaching Experience. The areas of interest are Automobile, CAED, Nano Fluids. Guided many BE students on various final year projects.

Courses Taught:

Computer Aided Engineering Drawing (CAED),
Elements of Mechanical Engineering (EME),
Computer Integrated Manufacturing (CIM).

Publications/Patents:

Publications	1. "Characterization and Study of Mechanical Properties on Magnesium Hybrid Composites for Bio Medical Applications" in International Journal of Mechanical
--------------	---

	<p>Engineering & Technology (IJMET), Volume 08, Issue 11, (Nov 2017).</p> <p>2. “Synthesis, Properties and Characterization of Nanofluid - A Critical Review” Published in International Journal of Engineering Research & Technology (IJERT) Vol. 10 Issue 09, September-2021</p> <p>3. “Experimental investigations on the improvement of heat Transfer rate using hybrid nano fluids at different Concentrations in Neuro Quantology” Published in Neuro Quantology, June 2022, Volume 20, Issue 6.</p> <p>4. “Analysis on circular c – pipe flow heat exchanger with nano particles al₂o₃& cuo mixed with base fluids H₂O & EG” Published in International Journal of Mechanical Engineering, Vol.7 No.7 (July, 2022)</p>
Patents	
Book/Book Chapters	

Research and Consultancy: NIL