

CURRICULUM VITAE

Dr.Vinayak Talugeri

E-Mail: vinayaktalugeri@gmail.com

Contact No: +91-8971119078

OBJECTIVE :

Intend to build a career with leading corporate of hi-tech environment with committed and dedicated people, which will help me to explore myself fully and realize my true potential.

STRENGTH :

- Worked in NBA, NAAC and IQAC as a committee member in the department.
- Strong Communication and Interpersonal skills to maintain effective work relationships with all levels of personnel.
- Hard Working, self Confidence, better time management capability, can work effectively in a group as well as an individual.

TECHNICAL AND COMPUTER SKILLS :

Software Skills: ANSYS and SOLID EDGE

EDUCATION :

Qualification	School/college/ Research Center	Board/ University	Year of passing	Percentage
Ph.D	M S Ramaiah Institute of Technology, Bengaluru	Vishveshvaraya Technological University, Belagavi	2025	-
M.Tech. (Thermal Power Engg.)	Bapuji Institute of Engineering & Technology, Davangere	Vishveshvaraya Technological University, Belagavi	2013	79.25%
B.E (Mechanical Engg.)	SLN College of Engg. Raichur	Vishveshvaraya Technological University, Belagavi	2011	72.72%
PUC-II	Gavisiddheshwar PU College, Koppal	P.U.E Board Bengaluru	2007	65.5%
SSLC	Sri Gavisiddheshvar high school Koppal	Karnataka Secondary Education Examination Board.	2005	81.44%

❖ I got 2nd rank in M.Tech (Thermal Power Engg.) to the Vishveshvaraya Technological University, Belgaum in the year 2013.

ACADEMIC PROJECT:

Ph.D Title: "Heat transfer and friction properties in a parabolic concentrating solar collector with different nano-fluids ".

M. Tech. project Title: “study of temperature effect of two layered peristaltic transport using herschel - bulkley fluid - a mathematical model to quantify the physiological flow parameters and flow visualization”

❖ **Sponsored by Karnataka State Council for Science and Technology (KSCST)**

WORK EXPERIENCE: 10 +YEAR

Sr. No	Organization	Designation	Year
1	M S Ramaiah Institute of Technology, Bengaluru	Assistant Professor	1 st August 2015 to 9 th October 2024
2	Sri Sairam College of Engineering, Anekal, Bengaluru	Assistant Professor	21 st July 2014 to 25 th May 2015
3	Dr. G. S. Melkote Rural aided Polytechnic, Kukanoor - Koppal	Lecturer	13 th February 2014 to 31 st May 2014

Note: Last drawn salary 89,282 Rs per month

SUBJECT EXPERT:

Turbo-machine, Fluid mechanics, Heat transfer, Thermodynamics, Wind Energy, Solar Energy, Renewable Energy, Elements of mechanical engineering

PAPAER PUBLICATIONS: 12

Sr. No	Title of Paper	Journal Name	Year	Quartile Index
1	Performance Evaluation of Solar Parabolic Collector Using Low Volume Fractions of Multi -Walled Carbon-nanotube in Synthetic Engine Oil (Scopus)		June 2024	Q2
2	Study on heat transfer and pressure drop characteristics for nanofluids in micro channel heat exchangers (Scopus)		October 2023	Q1
3	Experimental investigation on a solar parabolic collector using water-based multi-walled carbon nanotube with low volume concentrations (Scopus)		May 2023	Q1
4	Effect of fuel additive concentration on performance and vibration characteristics of a compression ignition engine (Scopus)		October 2022	Q3
5	A review on influence of carbon nanotube parameters in the base fluid to increase heat transfer in the solar collector (Scopus)		July 2022	Q2
6	Experimental investigation on the flexural response of epoxy composites filled with environmental pollutant crump rubber (Scopus)		March 2022	Q2

7	Tri-biological Study on The Influence of Surface Coating on Knurled Components (Scopus)		May 2021	-
8	Experimental investigation and comparison of CI engine performance with different proportions of fuel additives (Scopus)		April 2020	-
9	The enhancement of heat transfer in solar parabolic collector with different nano-fluids as working fluid -A review		July 2019	-
10	Production of bio fuel compounds from waste plastics by using catalytic paralysis process		May 2018	-
11	Investigation on conversion municipal plastic waste into liquid fuel compounds, evaluation of engine performance and emission characteristics (Scopus)		March 2018	-
12	Effect of temperature on peristaltic transport using Herschel - Bulkley fluid		February 2015	-

CONFERENCES: 2

Sr. No	Title of Paper	International / National	Year
1	A critical review on the effect of various parameters on stability of carbon nano-tube (CNT) based nano-fluids in solar applications	National	25th-26th March, 2021
2	A Review on enhancement of heat transfer rate in solar parabolic collector with different combination of nano-fluids	National	26th June 2019

REVIEWER: 2

Sr. No	Journal / conferences name	International / National	Number of paper
1	International Journal of Numerical Methods for Heat and Fluid Flow (Q1 paper).	International	01
2	GT India 2021 Conference - ASME Publication (Q2 papers)	National	02

CONSULTANCY WORK: 1

Sr. No	Title	Organization	Year
1	Testing Engine Performance and Vibration Characteristics by Mixing maxXX Mile (Fuel Additive) With Diesel	UAS associates - Pioneer in bio and Organic Products	1 st Dec 2018 to 28 th Feb 2019

WORKSHOP/FDP: 29

Sr. No	Title	Date	Venue
1	Advancements in Automobile Engineering for Sustainable Development	24 th to 28 th June 2024	Online VJIET - Hyderabad
2	Experimental learning of CNC programming and simulation	26 th Feb to 1 st Mar 2024	MSRIT
3	ANSYS Academic Innovation Conference (attended)	2 nd Sep 2022	ITC Fortune Park Bangaluru
4	Advances in Materials & Manufacturing Technologies in Aerospace and Defense Sector	19 th to 23 rd Sep 2022	MSRIT
5	Recent Advances in CFD and its Applications	27 th Sep - 1 st Oct 2021	Online-BMSCE
6	Novel Applications of Waste Technology Systems for Sustainable future	2 nd - 6 th Aug 2021	Online - MSRIT
7	6th National Workshop on Research Methodology in Fluid Mechanics (NWRMFM 2021)	7 th - 11 th June 2021	Online - BITS Pilani
8	International Workshop on Research Paper and Report Writing	15 th -16 th Dec 2020	Online-VVCE, Mysuru
9	One week FDP in Engineering Analysis for Thermofluids Research Challenges using ANSYS	27 th -31 st July 2020	Online -VTU Kalaburagi
10	Vishwa Guru Bharatha-The glory of traditional Indian science & Technology	27 th -31 st July 2020	Online - MSRIT
11	Tools & Techniques for data analysis in academic research	20 th -24 th July 2020	Online - MSRIT
12	Introduction to IoT and Case Studies on Industrial Applications	4 th - 5 th June 2020	Online - BVCE, Mumbai
13	Design of experiments: An engineering prospective	22 nd -24 th April 2020	Online- JAER & Hexacube
14	Faculty development programme on LaTeX	17 th -30 th April 2020	Online - GCEM
15	Historical Philosophical And Societal Perspectives & The Evolution Of Thermodynamics In The 19th Century	24 July 2019	VTU Regional office - Bangalore
16	Renewable energy & waste management Techniques -An approach towards sustainable development	22 nd July - 3 rd Aug 2019	MSRIT Bangalore
17	Fundamentals of material science for research scholars	30 th July- 4 th Aug 2018	MSRIT Bangalore
18	Advanced materials and manufacturing technology	4 th - 6 th Dec 2017	MSRIT Bangalore

19	Advances in design of aerospace components and pressure vessels - fatigue, creep, fracture	21 st -22 nd Dec 2017	MSRIT Bangalore
20	Cloud based CAD/CAM tools for product design	15 th -29 th Dec 2017	MSRIT Bangalore
21	Challenges and opportunities in industry 4.0- manufacturing & operations in smart factories	24 th -29 th July 2017	MSRIT Bangalore
22	2nd International conference on recent advances in engineering sciences	8 th & 9 th Sep 2016	MSRIT Bangalore
23	Pedagogy	18 th -20 th July 2016	MSRIT Bangalore
24	Recent advances in renewable energy	18 th -23 rd July 2016	MSRIT Bangalore
25	Application of computational fluid dynamics in chemical & mechanical engineering	27 th June - 2 nd July 2016	MSRIT Bangalore
26	Nonmaterial's & Nano-composites	20 th -25 th June 2016	MSRIT Bangalore
27	Energy environment & sustainable growth	4 th Feb 2016	MSRIT Bangalore
28	World class manufacturing practices	11 th - 13 th Jan 2016	MSRIT Bangalore
29	Smart materials & its application	21 st -22 nd Dec 2015	MSRIT Bangalore

PERSONAL INFORMATION:

Name: Vinayak Talugeri
Date of Birth: 26 august 1989
Father's name: Veeranna Talugeri
PAN Number: ATYPT1225B
Adhar Number: 834482707795
Marital Status: Married
Nationality: Indian
Languages Spoken: English, Kannada, Hind
Address: Permanent Address
S/O Veeranna Talugeri, 7-1-21-14,
Gavishree Nagar, Koppal
Koppal - 583231
State - Karnataka

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge.
Place : Koppal
Date : 20/01/2025

VINAYAK TALUGERI