

KLE Institute of Technology, Hubballi 580 027
Faculty Profile



Name: Dr. Veerabhadrayya R. Hiremath

1.	Educational, professional qualifications, and trainings				
1.1.	Educational Qualification				
S.N.	Degree	University / College	Discipline	Year of Passing	Class obtained
a)	Ph.D	Motilal Nehru National Institute of Technology (NIT) Allahabad,	Mechanical Engineering	2017	--
b)	M.E	Anna University	Mechanical Engineering	2005	FCD
c)	B.E	Karnataka University	Automobile Engineering	2000	FC
1.2.	Training programmes attended				
S.N.	Subject Area of Training	Organization	Place	Period / Duration	
a)	Thermal Engineering & its Applications	K.L.E IT	Hubballi	05 Days	
b)	Futuristic Materials and Their Applications	RNS IT	Bangalore	03 Days	
c)	Finite Element Analysis and its Application Using Ansys Workbench	Department of Mechanical Engg., KLEIT	Hubballi	06 Days	
d)	Digitalizing Design through Transformation and Innovation	Department of Mechanical Engg., KLEIT	Hubballi	06 Days	
e)	Advances in Nanomaterials / Nano composites for Engineering Applications	B.V.B CET	Hubballi	05 Days	
f)	Author workshop	Springer Pvt. Ltd	Allahabad	02 Days	
g)	Modeling, Simulation, Processing and Characterization of Polymer Nanocomposites	MNNIT	Allahabad	05 Days	
h)	Structural Integrity	MNNIT	Allahabad	05 Days	
i)	High impact Teaching Skills	Wipro	Hubballi	02 Days	
j)	CIM & Automation lab	K.L.E SCET	Belgaum	01 Days	

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1.3.	Membership of National and International Professional Bodies/Organisations		
S.N.	Name of Professional Body/Organization	Place	Membership Category
a)	Indian Society for Technical Education (ISTE)	New Delhi	Life Membership (LM 118331)
1.4.	Technical Papers/Books Published in National / International Events / Journals		
	<ol style="list-style-type: none"> 1. VijayKumar, Veerabhadrayya R Hiremath, Sushant S K and Shridhar N Mathad “Synthesis, Characterization and Evaluation of Al₂O₃ Nanoparticles Prepare by Chemical Method with Variation of pH” Journal of Nano and Electronic Physics Vol. 14 No 3, (2023), DOI: 10.21272/jnep.14(3).03027 2. Veerabhadrayya Hiremath and Dharmendra Kumar Shukla (2020). “Rheological Properties and Curing Behaviour of Epoxy-Alumina Nanocomposites”. Materials Today: Proceedings, Elsevier Publishers, 22, P 2732-2740. 3. Veerabhadrayya Hiremath and Dharmendra Kumar Shukla (2016). “Effect of particle morphology on viscoelastic and flexural properties of epoxy–alumina polymer nanocomposites”, Plastics, Rubber and Composites, Taylor and Francis Publication, 45(5), P 199-206. 4. Veerabhadrayya Hiremath and Dharmendra Kumar Shukla (2015). “Viscoelastic and flexural properties of epoxy/alumina nanocomposites” Advanced in Material and Processing Technologies, Taylor and Francis Publication, 1, P13-18. 5. Veerabhadrayya Hiremath, Munna Singh and Dharmendra Kumar Shukla (2014). “Effect of post curing temperature on viscoelastic and flexural properties of epoxy/alumina polymer nanocomposites”. Procedia Engineering, Elsevier Publishers, 97, P 479-487. <p>International Conference.</p> <ol style="list-style-type: none"> 6. Veerabhadrayya Hiremath and Dharmendra Kumar Shukla " Rheological Properties and Curing Behaviour of Epoxy-Alumina Nanocomposites" 2nd International Conference on Materials, Manufacturing and Modelling, ICMMM-2019, Vellore Institute of Technology (VIT) on 29th to 31st March 2019. 7. Dharmendra Kumar Shukla and Veerabhadrayya Hiremath, “Micromechanical Modeling of Dynamic Mechanical Properties of Alumina Platelet-Reinforced Polymer Composites”, IV International Conference on Recent Advances in Composite Materials, Feb. 18-21, 2013, IIT BHU, India. 		

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8. **Veerabhadrayya Hiremath** and Dharmendra Kumar Shukla, "Evaluation of Viscoelastic Properties of Epoxy/Alumina Polymer Nanocomposites", 2nd International Conference on Advanced Functional Materials (ICAFM2014) Feb. 19- 21, 2014, CSIR-NIIST Thiruvanthapuram.
9. **Veerabhadrayya Hiremath** and Dharmendra Kumar Shukla, "Viscoelastic and Flexural Properties of Epoxy/Alumina Polymer Nanocomposites" Advances in Materials & Processing Technology Conference (AMPT) Nov. 17-20, 2014, Dubai, UAE.
10. **Veerabhadrayya Hiremath**, Munna Singh, Dharmendra Kumar Shukla "Effect of Post Curing Temperature on Viscoelastic and Flexural Properties of Epoxy/Alumina Polymer Nanocomposites" 12th Global Congress on Manufacturing and Management, GCMM 2014 Dec 8-10 2014, VIT Vellore.
11. **Veerabhadrayya Hiremath**, Munna Singh, Dharmendra Kumar Shukla, "Evaluation of Post Curing Temperature on Tensile Properties of Epoxy/Alumina Polymer Nanocomposites" International Conference On Multifunctional Materials, Structures and Applications (ICMMSA-2014) Dec. 22-24 2014 MNNIT, Allahabad.

National Conference

12. **Veerabhadrayya Hiremath** "Finite Element Analysis of Castings" A National conference on "Recent Trends in Manufacturing" 29 March 2004 ACE, Hosur.
13. **Veerabhadrayya Hiremath** "Solidification of hallow cylindrical casting through FEA" A National Conference on "Application of Emerging Technologies" April 7-8, 2004, New Horizon Engineering Collage, Bangalore.

Project Sanctioned: -

14. Principal Investigator in the project " Synthesis and Characterization of Epoxy- Alumina Nanocomposite: A Study on Effect of Particle Morphology and Post Curing Temperature on Mechanical Properties" sanctioned by VTU Research Grants scheme-2021 with funding of Rs. 11.88 lakhs (February -2022)
15. Co-Investigator in the project " Emission Prediction of Diesel Engine Fuelled with Nanomaterial based Biodiesel using Artificial Neural Network" Sanctioned by TEQIP 1.3 of VTU Belgavi under " Competitive Research Grant" with funding of Rs.2.00 lakhs (December 2019).

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Faculty Development Program and Online Certification: -

1. Attended one week ATAL Faculty Development Programme on “ Recent Trends and advances in energy storage for E mobility” organised by Department of Electrical Engineering, KLE Institute of Technology, Hubballi on 09th to 14th September 2024.
2. NPTEL-AICTE Twelve(12) week Faculty Development Programme on “Characterization of Polymers, Elastomers and Composites”, conducted by IIT Madras, Jan-April 2024
3. Attended one week ATAL Faculty Development Programme on “ Recent Trends and advances in energy storage for E mobility” organised by Department of Electrical Engineering, KLE Institute of Technology, Hubballi on 09th to 14th September 2024.
4. Attended one week online Faculty Development Programme on “ Advances in Materials Technology for Next Generation Manufacturing” organised by Department of Mechanical Engineering, Ballari Institute of Technology and Management, Ballari on 01st to 05th February 2024
5. Attended Five day online Faculty Development Programme on “ Exploring Engineering in IOT, Mechatronics, Automation, Additive Manufacturing and Elective Vehicles” organised by Department of Mechanical Engineering, RNS Institute of Technology, Bengaluru on 20th to 24th February 2023.
6. Attended two weeks Faculty Development Programme offline on “Capacity Enhancement Master trainers training program for faculty of Aerospace and Aeronautical engineering” held on 17th January, 2023 to 28th January, 2023, Jointly Organised by Bharat Ratna Sir M. Visvesvaraya National Training Facility For Skills for All (BMVNTFSA) through its subsidiary Mokshagundam Visvesvaraya Center for Training Master Trainers in Skill Development (MVCTMTSD), Mudelahalli, in Association with HAL Management Academy (HMA) Hindustan Aeronautics Limited Bangalore & Karnataka Skill Development Corporation at Bengaluru.
7. Attended webinar on “Empowering Engineering Excellence through MATLAB and Simulink” held on 4th August 2023 organised by CorEL Technologies.

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	<p>8. Attended one week online Faculty Development Programme on “ Taking Research to Next Level” organised by Department of Mechanical Engineering, Sri Venkateshwara collage of Engineering, Bengaluru on 26th to 30th September.</p> <p>9. Five Weeks Coursera Course Certification on “Materials Science: 10 Things Every Engineer Should Know”, from University of California, Davis.</p> <p>10. Six Weeks Coursera Course Certification on “Material Behavior”, Georgia Institute of Technology.</p>		
1.5.	Language skills (ability to)	Speak:	Read / Write
		Kannada	Read/Write
		Hindi	Read/Write
		English	Read/Write
2.	Employment Information and Professional Experience till		
2.1.	Employment Information		
a)	Job title	Associate Professor	
	Employer	K.L.E Institute of Technology, Hubballi	
	Dates (from – to)	May,2017 - till date	
b)	Job title	Assistant Professor	
	Employer	K.L.E Institute of Technology, Hubballi	
	Dates (from – to)	August,2016 - May,2017	
c)	Job title	Research scholar, Full time	
	Employer	Motilal Nehru National Institute of Technology (NIT) Allahabad, Uttar Pradesh.	
	Dates (from – to)	August, 2011 - August, 2016	
d)	Job title	Lecturer	
	Employer	Rural Engineering College Hulkoti.	
	Dates (from – to)	March, 2009 - August, 2011	
e)	Job title	Project Engineer	
	Employer	Squtech Pvt Ltd	
	Dates (from – to)	May, 2008 -February, 2009	
f)	Job title	Senior Work Package Engineer	
	Employer	Gas Turbine Research Establishment (DRDO), Bangalore	
	Dates (from – to)	March 2006 - April 2008	

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2.2.	Collage Level Responsibility.
	<ol style="list-style-type: none"> 1. Working as NBA Coordinator from academic year 2023-2024 to till date at KLE Institute Of Technology, Hubballi. 2. Working as Department Academic Coordinator from academic year 2022-2023 to till date at Department of Mechanical Engineering, KLE Institute of Technology Hubballi. 3. Worked as AICTE Coordinator for Academic Year 2023-2024. 4. Worked as “Advitiya-22 A National Level Technical Fest” Coordinator at college level for Academic Year 2022-2023. 5. Worked as Discipline Committee Chairman for academic year 2018-2019 and 2017-2018 at KLE Institute of Technology, Hubballi. 6. Worked as External Judge for “A National Level Technical Paper Presentation Shodh-2019” on 24th October 2019. 7. Delivered an Expert Lecture in the Short Term Course on " Role of Nanocomposites in Science and Engineering" Organised by Department of Mechanical Engineering, Bundelkhand Institute of Engineering and Technology, Jhansi during December 18-22 , 2018. 8. Mentor For EcoKart Team 2017
2.3.	Other professional achievements such as any awards, special skills, etc.
a)	Student member (2013-2015) of Departmental Doctoral Programme Committee (DDPC), Department of Mechanical Engineering, MNNIT Allahabad
3.	Any other information
	<p>During my research I developed skills in setting up and conducting experiments on dynamic mechanical analyser (SII Nanotechnology Inc.), rheometer (anthon paar) and universal testing machine (Tinius Olsen and Biss) machines. I also did synthesis and characterization of polymer nanocomposites for my research work.</p> <p>I successfully demonstrated my abilities by counselling postgraduate and graduate students for their project and thesis work. I also assisted and guided, junior research fellows for conducting the experiments related nanocomposites (DMA, Rheometer, UTM).</p> <p>I also worked on various software packages. Some of them are Matlab, AutoCAD,CATIA, Solid Edge, and ANSYS I have successfully supervised the Material Characterization Lab experiments for M. Tech (Design) students during my research MNNIT Allahabad.</p>

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4.	General information	
4.1.	Name	Dr. Veerabhadrayya R.Hiremath
4.2.	Gender	Male
4.3.	Nationality	Indian
4.4.	Date of birth	16-08-1978
4.5.	Contact address	Department of Mechanical Engineering K.L.E Institute of Technology Hubballi-580027
4.6.	Phone / mobile number	9900506604
4.7.	Email	vrhiremath@kleit.ac.in

05-12-2024	Veerabhadrayya R.Hiremath	
Date	Full name	Signature