

KLE Institute of Technology, Hubballi 580 027
Faculty Profile



Name: Dr. Manjunath B. Ranadev

1. Educational, professional qualifications and trainings					
1.1. Educational Qualification (from highest to basic)					
S.N.	Degree	University / College	Discipline	Year of Passing	Class obtained
a)	Ph. D	VTU Belagavi	Electrical Sciences	2023	--
b)	M. Tech	VTU Belagavi / SJCE Mysore	Industrial Electronics	2009	First Class with Distinction
c)	BE	VTU Belagavi / SDMCET Dharwad	Electrical and Electronics Engineering	2007	First Class
1.2. Training programmes attended					
S.N.	Subject Area of Training	Organization	Place	Period / Duration	
a)	“Renewable Energy Sources and Control”	National Institute of Technology Karnataka	Surathkal	20 th and 21 st December 2012	
b)	“Power Electronics and Measurements”	National Institute of Technology Trichy	Trichy	2 nd and 3 rd May 2013	
c)	“Selected topics of research in Electrical Power”	National Institute of Technology Karnataka	Surathkal	27 th and 28 th September 2013	
d)	Awareness Training Course on “Root Cause Analysis and Corrective Action (Based on ISO 9001:2008 Standard)”	BUREAU VERITAS	Hubballi	16 th December 2013	
e)	STTP on “Signals and Systems”	IIT Kharagpur	Remote center K.L.E.I.T. Hubballi	2 nd to 12 th January 2014	
f)	STTP on “Control Systems”	IIT Kharagpur	Remote center	2 nd to 12 th December 2014	

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			K.L.E.I.T. Hubballi	
g)	STTP on “CMOS, Mixed Signal and Radio Frequency VLSI Design”	IIT Kharagpur	Remote center K.L.E.I.T. Hubballi	26 th December 2016 to 4 th February 2017
h)	STTP on “Electric Power System”	IIT Kharagpur	Remote center K.L.E.I.T. Hubballi	10 th June to 15 th July 2017
i)	STTP on “Electric Vehicle”	KLE DR. M. S. Sheshgiri College of Engineering and Technology, Belagavi	Belagavi	1 st to 6 th January 2019
j)	Internal Auditor Training Course on “Quality Management Systems (Based on ISO 9001:2015 Standard)”	BUREAU VERITAS	Hubballi	14 th to 15 th March 2019
k)	STTP on “Outcome Based Education and NBA Accreditation”	K.L.E.I.T. Hubballi	Hubballi	27 th January to 1 st February 2020
l)	Electrical Vehicle Technology	Government Engineering College	Haveri	5 th to 8 th January 2022
m)	Internal Auditor Training Course on “Educational Organizations Management Systems (Based on ISO 21001:2018 Standard)”	BUREAU VERITAS	Hubballi	25 th and 26 th April 2022
n)	Intellectual Property Awareness/Training Program	NiPAM National IP Awareness Mission	Hubballi	10 th August 2022
o)	EV Technologies	KLE Technological University	Hubballi	25 th November 2023
p)	Institutions Innovation Council Regional Meet	KLE Technological University	Hubballi	19 th January 2024
1.3.	Membership of National and International Professional Bodies/Organisations			
S.N.	Name of Professional Body/Organization	Place	Membership Category	
a)	Institution of Engineers (India)	Kolkata	MIE	

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	(M-1594960)		
b)	IEEE (95203956)	Bangalore section	Member
c)	International Association of Engineers (268107)	Hong Kong	Member
1.4.	Technical Papers/Books Published in National / International Events / Journals		
a)	<p>Papers</p> <ol style="list-style-type: none"> 1. Manjunath B. Ranadev, R. L. Chakrasali (2014), "Speed-Torque Characteristic of DC Motor Fed By H- Bridge Converter", <i>International Journal of Energy and Power (IJEP)</i>, 3(4), P 49-53. 2. Ravindra Shetty, Anilkumar Gadag, Manjunath B. Ranadev (2016) "Performance Evaluation of A Modified Sine Wave Single Phase Inverter" <i>The International Journal Of Engineering And Science (IJES)</i>, 5(2), P 36-39. 3. Presented a paper on "Charging technologies for Electric Vehicles – A Study" in All India seminar on Electric Vehicles: Prospects and Challenges (AISEV) organized by IEI (India), local centre Dharwad during 1-2 March 2019. 4. Chandrika S. Kukanur, Shwetha S. Baligar, Manjunath B. Ranadev (2020), "Design and Performance Evaluation of Bidirectional DC-DC Converter" <i>IPASJ International Journal of Electrical Engineering (IJEE)</i>, 8(9), P 1-11. 5. Manjunath B. Ranadev and R. L. Chakrasali (2020), "Written-Pole Motor – A Mini Review", <i>Applications Of Modelling And Simulation (AMS)</i>, Vol. 4, pp. 125-129. 6. Manjunath B. Ranadev and R. L. Chakrasali (2021), "WRITTEN POLE MOTORS – A few Aspects", <i>Journal of Digital Integrated Circuits in Electrical Devices</i>, Vol. 6, Issue 1, pp. 16-22. 7. Manjunath B. Ranadev , V. R. Sheelavant , Dr.R. L. Chakrasali (2021), "Modeling of 3-φ Induction Motor and Analysis using Numerical Methods", 2021 International Conference on Intelligent Technologies (CONIT). 8. Manjunath B. Ranadev, V. R. Sheelavant, R. L. Chakrasali (2022), "Predetermination of Performance Parameters of 3-phase Induction Motor using Numerical Technique Tools", <i>International Journal on Recent and Innovation Trends in Computing and Communication</i>, Vol. 10, Issue 6, pp. 63-69. 9. Manjunath B. Ranadev, V. R. Sheelavant, R. L. Chakrasali (2022), "Modeling of Three-Phase Written-Pole Motor and Performance Predetermination using Numerical Methods", <i>Mathematical Statistician and Engineering Applications</i>, Vol. 71, Issue 3s, pp. 8-18. 		
1.5.	Language skills (ability to)	Speak:	Read / Write
		English	English
		Hindi	Hindi
		Kannada	Kannada
2.	Employment Information and Professional Experience till date		
2.1.	Employment Information		
a)	Job title	Associate Professor	
	Employer	K.L.E. Institute of Technology, Hubballi	
	Dates	01/08/2009 – Till date	
	Responsibilities	Handling theory and practical courses for under graduate students, University assignment to conduct examination,	

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		evaluation and question paper setting, Department level ISO Co-Ordinator, Institute level ISO Internal Auditor.
2.2.	Public Service & Volunteer Work	
a)	----	
2.3.	Other professional achievements such as any awards, special skills, etc.	
a)	Submitted a project report “Post Project Analysis of Nirantara Jyoti Scheme” to HESCOM Hubballi on September 2009.	
b)	Received “Jagadguru Dr. Sri Sri Shivarathri Rajendra Mahaswamiji’s” certificate of Merit Award for having secured second rank in M. Tech on 29-08-2010.	
c)	Guided a UG Project “A IGBT BASED H-BRIDGE CONFIGURATION FOR WIDE RANGE SPEED CONTROL OF DC MOTOR” is sponsored by Karnataka State Council for Science and Technology and selected for exhibition in 36th series of student projects programme 2012-2013 (Reference NO: 36S0809).	
d)	Completed “AutoCAD 2012 Certified Associate” course on 13 th December 2013.	
e)	Delivered a talk on “Energy Audit and Potential EMOS” in IEI (India), local centre Dharwad on 12th June 2018.	
f)	Completed the assessment for the “Internal Auditor Training Course on Quality Management Systems (Based on ISO 9001:2015 Standard)”	
g)	Judge for a national level technical competition “Paper Presentation contest in Insignia 2019” on 24th March 2019 at SDMCET, Dharwad.	
h)	Published a technical article on “Recycling of Used solar cells” in ET-Talk May-2020 published by IEI (India) local centre Dharwad.	
i)	Completed courses in “coursera” on Introduction to Power Electronics, Converter Circuits, Electric Vehicles and Mobility, Solar Energy Basics, Wind Energy and Internet of Things during April-July 2020.	
j)	Delivered a talk on “Air Energy Storage (Mechanical Energy storage)” in IEI (India), local centre Dharwad on 07th July 2020.	
k)	Completed coursera course in on “Solar Energy and Electrical System Design” and “A Beginners Guide to Numerical Methods using MATLAB” in UDEMY during 2021.	
l)	Received a letter of appreciation in 5 th National Level IEEE Project Competition-2021 for guiding an undergraduate project “Online monitoring system for lead-acid battery” on 26th June 2021.	
m)	Completed the assessment for the “Internal Auditor Training Course on “Educational Organizations Management Systems (Based on ISO 21001:2018 Standard)” on 25 th and 26 th April 2022.	
n)	Reviewer for IEEE NKCon-2022 Flagship International Conference of IEEE North Karnataka Subsection in association with IEEE Bangalore Section and IEEE ITS.	
o)	Delivered a talk on “Submersible Pumps-A Performance Study” in IEI (India), local centre Dharwad on 28th February 2023.	
p)	Secured First Place in zonal Kho-Kho event conducted during the Dr. Prabhakar Kore Amrit Mahotsav Celebration on 20 th and 21 st January 2023.	
3.	Any other information	
3.1.	Strengths	Department Co-ordinator at various capacities.
		Research activity: article publishing.

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		Evaluation of Post Graduate projects.
		Session Coordinator in IEEE International Conference on Intelligent Technologies (CONIT) and Reviewer for IEEE NKCon-2023.
4.	General information	
4.1.	Name	Dr. Manjunath B. Ranadev
4.2.	Gender	Male
4.3.	Nationality	Indian
4.4.	Date of birth	17-05-1985
4.5.	Contact address	Near Joshi karyalaya, Madihal Road, Dharwad-580006.
4.6.	Phone / mobile number	9740667115
4.7.	Email	manjunath.ranadev@kleit.ac.in

30-03-2024	Dr. Manjunath B. Ranadev	
Date	Full name	Signature