

KLE Institute of Technology, Hubballi 580 027

Faculty Profile



Name: Mallikarjun G Hudedmani

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)	M.Tech	Visvesvaraya Technological University, Belagavi	Electrical and Electronics Engineering	2009	First Class with Distinction
b)	B.E	Karnataka University Dharwad	Electrical and Electronics Engineering	1994	First Class
1.2.	Training programmes attended				
S.N.	Subject Area of Training	Organization	Place	Period / Duration	
a)	ISO 21001 Awareness Program by Bureau Veritas Certification India Pvt Ltd	KLEIT	Hubballi	6 th Jan 2022	
b)	AICTE Training and Learning (ATAL) Academy, Online Elementary FDP On Industrial IoT: Automation, PLC's, VFD & Web Server.	National Small Industries Corporation Hyderabad.	Hydrabad.	20th to 24th September 2021	
c)	Attended a work shop on CDIO-Conceive, Design, innovate and Operate in Regional Research Symposium on PBL 2021.	KLE Tech University	Hubballi	18th to 19th June 2021	
d)	Attended a work shop on Accelerating Project-based Learning using Internet of Things and Thinks Speak in Regional Research Symposium on PBL 2021.	KLE Tech University	Hubballi	18th to 19th June 2021	
e)	Attended a work shop on Reflecting and learning PBL competencies in Regional Research Symposium on PBL	KLE Tech University	Hubballi	18th to 19th June 2021	

KLE Institute of Technology, Hubballi 580 027

Faculty Profile

	2021.			
f)	One Week Online Faculty Development Program (FDP) on "Design and Development of Automated System using PLC".	AICTE-ISTE Induction/Refresher Program.	AICTE-ISTE Delhi	14th to 19th May 2021
g)	Attended Five days Faculty development program in Research Innovation in Computer Vision.	Kings Engineering College Chennai.	Chennai.	10th to 14th May 2021
h)	One week Short Term Training Program on Advance Electronics Application in Power Systems.	Godavari college of Engg.	Jalgoan	22nd to 26th March 2021
i)	Three day Faculty Development Program on NS3 simulator	KLEIT	Hubballi	23rd to 25th Jan 2020
j)	Regional Research Symposium on PBL organized by CEER, KLE Tech University Hubballi	KLE Tech University	Hubballi	21st to 23rd Nov 2019
k)	One day work shop on AICTE Model Curriculum Under TEQUIP 1.3	VTU	Belagavi	17th May 2018
l)	One week Coordinators work shop on Electrical Power Systems under the mission of education through ICT (MHRD, Govt of India)	KLEIT	Hubballi	1st to 5th May 2017
m)	Two day workshop on Root Cause Analysis at KLEIT Hubballi by Bureau Veritas Bengaluru	KLEIT	Hubballi	7th to 8th Feb 2017
n)	Internal Auditors Training Course conducted by Bureau Veritas Certification India Pvt Ltd	KLEIT	Hubballi	23rd to 24th Jan 2013
o)	A Three day workshop on Awareness and Applications of MiPower Software by	KLEIT	Hubballi	19th to 21st Sept 2011

KLE Institute of Technology, Hubballi 580 027

Faculty Profile

	PRDC Pvt. Ltd., Bangalore			
p)	Mission10X Certificate in Teaching and Learning in Pursuit of Excellence in Engineering Education through Innovation.	KLECET	Belagavi	1 st Dec 2009
q)	Two day Mission 10X Learning Practitioner certificate work shop approved by ISTE.	KLECET	Belagavi	21 st to 22 nd Oct 2009
r)	Five day Mission 10X work shop at from, approved by ISTE.	KLECET	Belagavi	17 th to 21 st Aug 2009
1.3.	Membership of National and International Professional Bodies/Organisations			
S.N.	Name of Professional Body/Organization	Place	Membership Category	
a)	Institute of Electrical and Electronics Engineers	IEEE	Member # 97505877	
b)	Indian Society for Technical Education	ISTE India	Life member LM 43713	
c)	International Society for Research and Development	ISRDI India	Life member 4150904012	
d)	Institute of Research Engineers and Doctors	theIREDD NewYork USA	Associate Member AM10100058922	
e)	International Association of Engineers	IAENG Kowloon, Hong Kong	Member No: 191742	
f)	Institute For Engineering Research and Publication (IFERP) India	IFERP India	Life member PMIN68397102	
1.4.	Technical Papers/Books Published in National / International Events / Journals			
a)	<ol style="list-style-type: none"> 1. Mallikarjun G. Hudedmani, Bindu.S.Pagad,, PLASMONICS: A Path to Replace Electronics and Photonics by Scalable Ultra Fast Technology- A Review, Advanced Journal of Graduate Research, Volume-7, Issue-1, Jan2020, https://doi.org/10.21467/ajgr.7.1.37-44 2. Prakash Kerur, Mallikarjun G. Hudedmani, R.L. Chakrasali, Determination of ATC and Shortest Path Power Flow in Deregulated Power System, Int. J. Adv. Sci. Eng. Volume-6, Issue-4 1505-1512 (2020), https://doi.org/10.29294/IJASE.6.4.2020.1505-1512 3. Mallikarjun G. Hudedmani, V M Soppimath, Santosh V Hubballi, Darshana P Joshi, Dawn After Black Out: A Hope Of Light, International Journal of Advanced Science and Engineering, 2019, Int. J. Adv. Sci. Eng. Volume - 5, Issue – 4, 2019 4. Mallikarjun G. Hudedmani, V M Soppimath, Santosh. V. Hubballi, Pooja Shirur, Solar Energy a promising source for E-vehicles, Journal of Instrumentation and Innovation Science, Volume- 4, Issue- 2, July 2019, e- 			

Faculty Profile

	<p>ISSN: 2456-9860,</p> <ol style="list-style-type: none"> 5. Mallikarjun G. Hudedmani, V M Soppimath, Santosh Hubballi, Zeba Khanum Kundur, Perform Achieve and Trade a revolutionary measure in energy efficiency and conservation, International Journal of Advanced Science and Engineering, 2019, Int. J. Adv. Sci. Eng. Volume - 5, Issue - 4 May 2019 6. V M Soppimath, Mallikarjun G. Hudedmani, Manasi Chitale, Mohammed Altaf , Anjum kousar Doddamani , Darshana Joshi, The Smart Medical Mirror, International Journal of Advanced Science and Engineering, 2019, Int. J. Adv. Sci. Eng. Volume - 5, Issue – 4, 2019. 7. V M Soppimath, Mallikarjun G. Hudedmani, Rajeshwari.V.Karadkal, Aishwarya.B.Pattanashetti , Karuna Kote, Pavitra.B.Lakkundimath, An Intelligent Human Security Device , International Journal of Advanced Science and Engineering, 2019, Int. J. Adv. Sci. Eng. Volume - 5, Issue - 4, 2019. 8. Mallikarjun G. Hudedmani, V M Soppimath, Raju Kataraki, Comparative Study of Reversible Logic Gates and Applications – A Review, International Journal of Scientific Research in Multidisciplinary Studies July 2019. 9. Mallikarjun G. Hudedmani, Raju Kataraki, Reshma Jocy, Sumantkumar Vaddati, Madhura Maliyavar, Energy Conservation in Office Environment, International Journal of Advanced Science and Engineering, 2018, Int. J. Adv. Sci. Eng. Volume-5, Issue-1 833-839 (2018) 833 E-ISSN: 2349 5359; P-ISSN: 2454-9967 10. Mallikarjun G. Hudedmani, Swati Kadapatti, Sneha Ghatole, Shamlee Rashinkar, Varsha Yadave, IoT Based Smart Energy Meter, International Journal of Advanced Science and Engineering, Volume-5, Issue-3, 982-987 (2019)2018. https://doi.org/10.29294/IJASE.5.3.2019.982-987 11. Mallikarjun G. Hudedmani, Harikishan.B.H , Sharath N, Rakesh.M, Low Cost Arduino Based Smart Parking Lot Controller with Occupancy Counter, International Journal of Advanced Science and Engineering, 2018. 12. Mallikarjun G. Hudedmani, Nagaraj. S. N , Shrikanth.B.J , Ali Adil Sha , Pramod.G, Flexible Automatic Water Level Controller And Indicator, World Journal of Technology, Engineering and Research, Volume 3, Issue 1 (2018) 359-366. 13. Mallikarjun G. Hudedmani, Nitin Ummannanavar, Mani Dheeraj Mudaliar, Sanjay Maradi, Akshway Dhage, Portable Monitoring Unit for Electric Motor, International Journal of Advanced Science and Engineering, 2018, Vol 4, No 4, pp 768-775, 14. Vishwanath Soppimath, Mallikarjun G. Hudedmani, Analysis of Impacts of Conservation measures in Sugar Industry, World Journal of Technology, Engineering and Research, Volume 3, Issue 1 (2018) 59-70. 15. Mallikarjun G. Hudedmani, Umayal R M, Shiva Kumar Kabberalli, Raghavendra Hittalamani, Programmable Logic Controller (PLC) in Automation, Advanced Journal of Graduate Research ISSN:2456-7108, Volume 2, Issue 1, pp. 37-45, July 2017, doi: https://doi.org/10.21467/ajgr.2.1.37-45 16. Mallikarjun G. Hudedmani, Nitin Ummannanavar, Mani Dheeraj Mudaliar,
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KLE Institute of Technology, Hubballi 580 027

Faculty Profile

Chandana Sooji, Mala Bogar, Password Based Distribution Panel and Circuit Breaker Operation for the Safety of Line Man during Maintenance Work, Advanced Journal of Graduate Research, Volume 1, Issue 1, pp. 35-39, February- 2017, doi: <https://doi.org/10.21467/ajgr.1.1.35-39>

17. **Mallikarjun. G. Hudedmani**, Swati I K, Sneha S G, Basamma B, Vivek M N, Digital Logic Gate simulation using Arduino Microcontroller, Journal of Control System And Control Instrumentation, Volume 3, Issue 1, MAT Journals February 2017.
18. **Mallikarjun G. Hudedmani**, Vishwanath Soppimath, Chaitanya Jambotkar, A study of materials for Solar PV Technology and Challenges, European Journal of Applied Engineering and Scientific Research, 2017, 5(1):1-13, ISSN: 2278-0041.
19. **Mallikarjun G. Hudedmani**, Gita Joshi, Umayal R M, Ashwini Revankar A Comparative study of dust cleaning methods for the solar PV panels, Advanced Journal of Graduate Research, Volume 1, Issue 1, pp. 24-29, January 2017, doi: <https://doi.org/10.21467/ajgr.1.1.24-29>
20. V.M. Soppimath, **M.G.Hudedmani**, Energy Audit and Energy Management in the Sugar industry, Matter: International Journal of Science and Technology, ISSN 2454-5880, GRDS publishing house, Regular Issue Volume 3 Issue 1, pp. 10 - 26 Date of Publication: 15th March, 2017 DOI-<https://dx.doi.org/10.20319/Mijst.2017.31.1026>
21. **M.G.Hudedmani**, V.M. Soppimath Microcontroller based Bidirectional Energy Metering for Domestic User, Journal of Electronic Design Engineering, MAT Journal, Volume 3, Issue 1, January -2017.
22. V.M. Soppimath, **M.G.Hudedmani**, Energy Consumption Scenario and Conservation opportunities in the Sugar Industry, International Review of Applied Engineering Research, Volume 6 no.2 (2016), ISSN NO: 2248-9967.
23. V.M. Soppimath, **M.G.Hudedmani**, Smart Vehicle Theft Detector using GSM and GPS Technology, International Review of Applied Engineering Research, Volume 6 no.2 (2016), ISSN NO: 2248-9967.
24. V.M. Soppimath, **M.G.Hudedmani**, Energy Consumption Scenario and Conservation opportunities in the Sugar Industry, International Review of Applied Engineering Research, Volume 6 no.2 (2016), ISSN NO: 2248-9967.
25. **Mallikarjun. G. Hudedmani**, Iranna. Hiremath, Shruthi Yaligar, Arshadaunnisa Banu S, Meghna P, Simulation and comparison of Induction Motor on Balanced/unbalanced supply and Capacitor Phase splitter, International Journal of Advanced Research Foundation, ISSN: 2394-3394.
26. **Mallikarjun. G. Hudedmani**, Iranna. Hiremath, Shruthi Yaligar, Arshadaunnisa Banu S, Meghna P, No-Load and Load Tests on 3 Phase Induction Motors used in Irrigation Pumping with Balanced and Unbalanced Supply, Journal of Electronic Design Engineering, Volume 2, Issue 2, Page 1-7, MAT Journals 2016.
27. **Mallikarjun. G. Hudedmani**, Iranna. Hiremath, Shruthi Yaligar, Arshadaunnisa Banu S, Meghna P, A comparative study of Capacitor Phase Splitter for the Operation of Irrigation Pump Motors, IJSRD - International Journal for Scientific Research & Development| Vol. 4, Issue 06, 2016 ISSN (online): 2321-0613.

KLE Institute of Technology, Hubballi 580 027

Faculty Profile

	<p>28. Mallikarjun G. Hudedmani, V.M. Soppimath, Digambar S Albur, Modeling and analysis of Solar PV, Wind and Hybrid Energy System for Remote area, International Journal of Advanced Research Foundation, ISSN: 2394-3394</p> <p>29. V.M. Soppimath, Mallikarjun G. Hudedmani, An Intelligent Controller For Unmanned Railway Gate Control Systems. International Journal of Electrical & Electronics Engineers ISSN 2321-2055, Page 137-144, Volume 8, Issue 1 Jan-June 2016.</p> <p>30. Mallikarjun G. Hudedmani, V.M. Soppimath, S.N.Mathad, Impacts of Energy Generation On Environment. International Journal Of Electrical & Electronics Engineers, ISSN 2321-2055, Page 111-118, Volume 8, Issue 1 Jan-June 2016.</p> <p>31. Mallikarjun G. Hudedmani, V.M. Soppimath, Indian Energy Scenario And Energy Conservation Opportunities In Different Sectors, 2nd International Conference On Science Technology And Management, ISBN: 978-81-931039-6-8, ICSTM-15 Delhi, Paper Id 826A, Page 1532-1538.</p> <p>32. Mallikarjun G. Hudedmani, V.M. Soppimath, Indian Energy Scenario And Energy Conservation Opportunities In Different Sectors, International Journal Of Electrical & Electronics Engineers, ISSN 2321-2055, Page 137-143, Volume 7, Issue 2, July-Dec 2015</p> <p>33. Mallikarjun G. Hudedmani, V.M. Soppimath, Energy Audit: An Initiative To Energy Conservation, Discovery. The International Daily Journal ISSN 2278 – 5469 EISSN 2278 – 5450</p> <p>34. Mallikarjun G. Hudedmani, V.M. Soppimath, Impacts Of Energy Generation On Environment. 3rd International Conference On Science Technology And Management, ISBN: 978-81-932074-0-6, ICSTM-16 Delhi, Paper Id 228, Page 690- 697.</p> <p>35. V.M. Soppimath, Mallikarjun G. Hudedmani, An Intelligent Controller For Unmanned Railway Gate Control Systems. 3rd International Conference On Science Technology And Management, ISBN: 978-81-932074-0-6, ICSTM-16, Delhi, Paper Id 244, Page 737-744.</p> <p>36. Mallikarjun G. Hudedmani, V.M. Soppimath, S.N.Mathad, “Environmental impacts of Energy generation”, Indian Congress of Civil Engineers, 05 Dec-2015, Department of Civil Engineering, Acharya Institute of Technology, Bangalore.</p> <p>37. Sridhar S Honnappanavar, Basavaraj Hiremath, Mallikarjun Hudedmani, “Routing Through Various Network And Enhancing Battery Capacity By Solar Energy”. National Conference On Recent Trends In Science And Technology, Paper Id: P98 27th to 29th November, 2010, Samrat Ashok Technological Institute, Vidisha, (M P).</p>		
1.5.	Language skills (ability to)	Speak:	Read / Write
		English	English
		Hindi	Hindi
		Kannada	Kannada
2.	Employment Information and Professional Experience till date		
	<ul style="list-style-type: none"> • Presently working as Associate Professor in Electrical and Electronics Engg 		

KLE Institute of Technology, Hubballi 580 027

Faculty Profile

	<p>dept, K.L.E.Institute of Technology, Hubballi from Feb 2011 till date.</p> <ul style="list-style-type: none"> • Worked as Assistant Professor at Smt Kamala and Sri Venkappa Agadi College of Engineering, Laxmeshwar, from Aug 2005-Feb 2011. • Worked as Senior Electronics Engineers at Murudeshwar Ceramics Ltd Hubballi, from Aug 2001 – Aug 2005. • Worked as Section manager at Giddings and Lewis India Ltd, Tarihal, Hubballi formerly known as Kirloskar Warner Swasey from Jan 1996- July 2001. Trainee engineer at Mysore Kirloskar from Jan 1995-Dec 1995. 	
2.1.	Employment Information (Provide information in the following order: Job title, Employer, Dates (from – to), Responsibilities, highlight the work undertaken that best illustrates capability to handle the tasks assigned).	
a)	Job title	Associate Professor
	Employer	KLE Institute of Technology, Hubballi
	Dates (from – to)	Feb 2011 till date
	Responsibilities	Teaching and learning activities, set up of Labs and electrical equipments
b)	Job title	Assistant Professor
	Employer	Smt Kamala and Venkappa Agadi College of Engineering and Technology, Laxmeshwar
	Dates (from – to)	Aug 2005 to Feb 2011
	Responsibilities	Teaching and learning activities, set up of Labs and electrical equipments
c)	Job title	Senior Electronics Engineer
	Employer	Murudeshwar Ceramics Ltd Hubballi
	Dates (from – to)	Aug 2001 to Aug 2005
	Responsibilities	Electronic service, calibration, erection and commissioning of equipments in ceramic industry
d)	Job title	Section manager
	Employer	Giddings and Lewis India Ltd (Formerly Mysore Kirloskar , Kirloskar Warner Swasey)
	Dates (from – to)	Jan 1995 to Aug 2001
	Responsibilities	Entered as graduate engineering trainee later was responsible for the electrical assembly, service and commissioning of CNC machines.
2.2.	Public Service & Volunteer Work	
a)	-	
b)	-	
c)	-	
2.3.	Other professional achievements such as any awards, special skills, etc.	
a)	Selected for the Faculty project proposal for the project, Performance Analysis of Hybrid Bicycle for the year 2021-22 by KSCST Bengaluru, SI no.150: 43S_BE_0183	
b)	Published Indian Patent titled, Design and Implementation of Smart Home Management with PV System Based on Renewable Energies, Publication Number :	

KLE Institute of Technology, Hubballi 580 027

Faculty Profile

	45/2021, Publication Date: 05/11/2021, Publication Type: Indian, Publication Number: 202141048458, Application Filing Date: 25/10/2021, Field Of Invention: Electronics.	
c)	Obtained Rs 5000:00 from VTU Belagavi for the Innovative Project entitled, A supply BOT for the essentials during Natural Disasters for the year 2020-21.	
d)	KSCST project series 43 rd for the year 2019-20 sanctioned Rs 4000:00 for the project titled Performance Analysis of Hybrid BiCycle	
e)	KSCST project series 30 th for the year 2006-07 sanctioned Rs 4500:00 for the project titled Railway Ticket Booking using Smart card and Touch Screen.	
3.	Any other information	
3.1.	Strengths	<ul style="list-style-type: none"> • Good interpersonal interaction ability, Building Team work, Hard working, Flexible and Strong determination • Quick Learner of Good practices and presentations • Proficient in use of MATLAB/SIMULINK, MiPower software, Power World software for Power system analysis, Spice simulation tools for circuit analysis, Arduino and its peripheral for various projects.
4.	General information	
4.1.	Name	Mallikarjun G Hudedmani
4.2.	Gender	Male
4.3.	Nationality	Indian
4.4.	Date of birth	
4.5.	Contact address	Mallikarjun G Hudedmani Malatesh Nilay H No: 131, FirstFloor 2 nd main, 3 rd cross , Laxmi Nagar Gokul Road, Hubballi-580030
4.6.	Phone / mobile number	
4.7.	Email	mallikarjunh@yahoo.com mallikarjun.hudedmani@kleit.ac.in

Date	Full name	Signature