

CURRICULUM VITAE

MALLIKARJUN. G. HUDEDMANI

mallikarjunh@yahoo.com

mallikarjunhudedmani@gmail.com

Mobile: 9945895202



Objective

“Looking for a good platform and challenging environment that will bring the best out of me with my skills and seek to be a part of an efficient team involve in innovations to serve the organization and the society.”

Education Qualification

- ❖ **PhD** : Registered at the school of Electrical and Electronics Engg, KLE Tech University Hubballi, academic year 2023-24 in the specialized area of “**Smart Grid Integration for EV charging infrastructure and its Battery Management**”. Completed 03 course works and research presentations as per the norms.
- ❖ **MTech : Power and Energy Systems** passed with Distinction, from Basaveshwar Engineering College Bagalkot affiliated to Visveswaraya Technological University Belagavi, India.
- ❖ **B.E: Electrical and Electronics Engineering** passed with first class from BVB College of Engg and Technology Hubballi, affiliated to Karnataka University Dharwad, India.

Strengths and Future professional plans

The experience of Industry and academia created a blend of features and made me Quick Learner of the things, adopt Best practices, Good communicator and presenter. Creative, Optimistic, Highly Committed, respect and practice Professional Ethics, Humanity, Team work to increase productivity and bring excellence and satisfaction in the area of work. Also would like to be part of team and lead in setting up skill development centers for the students, Electricians, Industrial professionals to bring professional momentum, energy audit and conserve. Hands on work practices, Industrial visits to improve proficiency and work culture. To be part of the staff conventions, Technical and social gatherings to strengthen professional engagements and increase productivity.

Professional Experience summary : 29 Years

- **Associate Professor** in Electrical and Electronics Engg dept, K.L.E.Institute of Technology, Hubballi from Feb 2011 till date.
- **Assistant Professor** at Smt Kamala and Sri Venkappa Agadi College of Engineering, Laxmeshwar, from Aug 2005 - Feb 2011.
- **Senior Electronics Engineers** at Murudeshwar Ceramics Ltd., Hubballi, from Aug 2001 - Aug 2005.
- **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.

**K.L.E Institute of Technology, Hubballi Feb 2011 till date and SKSVMACET
Laxmeshwar Aug 2005- Feb 2011**

Presently working as Associate Professor in Electrical and Electronics Engg dept, K.L.E.Institute of Technology, Hubballi from Feb 2011 till date. Contributing to the teaching and learning activities, department administration and operation, skill development and setting up laboratories and environments. Organizing various activities at department and college level to ensure over all progress of the department. Active participation in college level activities as coordinator. Earlier to this, worked as Assistant Professor at SKSVMACET Laxmeshwar with similar capacity and commitments.

Administrative Skills Exhibited

- Board of Examiners (BoE) Electrical and Electronics Engg Composite Board VTU Belagavi for the year 2018-19 and 2019-20. Supportive role for the period 2017-18.
- External Examiner KLE Tech University, BEC Bagalkot and NTTF Dharwad.
- Served as Technical committee member of HESCOM Hubballi.
- Served as Chairman of various committees like, Anti Ragging committee, Discipline Committee, Student Grievance cell, Library and Information, Gymkhana, Tech Fests and Gatherings etc, at college level.
- Served as In charge HOD, E&E dept and Department Academic coordinator
- Project Coordinator, Seminar Coordinator and AICTE's student activity coordinator at department level
- Staff representative for the students Association
- Mentor for the effective counseling of the students

Instrumental and Soft skills

- Proficient in Microsoft Packages and Networking.
- Proficient in use of MATLAB/SIMULINK for Electric power system applications and projects.
- Advisor simulation package for electric and hybrid vehicles, MiPower and Power World software for Electric power system analysis.
- Spice simulation tools for circuit analysis.
- Arduino, IoT and peripheral for various projects.
- Instrumental in PBL- problem based learning.
- Recorded Video Lectures in Basic Electrical Engineering, Power System Analysis, Power system Operation and Control and Basic Electrical Lab.
- Developed Google Quizzes study materials for the students.

Technical Upgrade/On Line Courses /Coursera /Udemy

1. Completed 05 Coursera Online courses during Feb-Mar 2024 namely, Creating EV Charging Hubs: Innovative Design, Bridging the Gap: EV Grid Integration & V2G Systems Powering the Drive: Unveiling EV Electronics, EV Evolution: Comprehensive Introduction to EVs, Demystifying EV Batteries: Tech & Management
2. Completed 04 Udemy Online Free courses during the year 2023. Namely Internet of Things, Sensors Everything you need to Know, Python programming for beginner, Arduino meets Python step by step.
3. Co author of text book "Power system operation and control" ISBN 978-81-976193-3-5, ISBN 978-81-976193-2-8 published by Deccan International Academic Publishers India, DOI: 10.5281/zenodo.12579743

4. Developed 05 AICTE activities for the batch 2019-20 for during the year 2022-23.
5. Developed 13 SCILAB Based project activities covering electrical machines during the academic year 2022-23.
6. Incorporated Engineering Exploration and developed more than 20 mini projects at First year Engg during 2021-22
7. Assessment for Learning University of Illinois at Urbana-Champaign - Under progress
8. Photovoltaic solar energy École Polytechnique - Under progress
9. Completed Introductory course on PBL in higher education provided by Alborg center for Problem Based Learning in Engineering Education and Sustainability under the auspices of UNESCO on 2nd May 2021.
10. University Teaching- The University of Hong Kong Completed on 1st June, 2020, Grade Achieved: 89%
11. Linear Circuits 1: DC Analysis-Georgia Institute of Technology Completed on 30th May, 2020 Grade Achieved: 76%
12. Matrix Algebra for Engineers-The Hong Kong University of Science and Technology Completed on 27th May, 2020 Grade Achieved: 83%
13. Motors and Motor Control Circuits University of Colorado Boulder Completed on 27th May, 2020 Grade Achieved: 84%
14. Introduction to Programming with MATLAB Vanderbilt University Completed on 26th May, 2020 Grade Achieved: 99%
15. Wind Energy Technical University of Denmark (DTU) Completed on 25th May, 2020 Grade Achieved: 83%
12. Electric Power System University of Buffalo on 22nd May, 2020 Grade Achieved :83%
13. Understanding Research Methods University of London completed on 7th May 2020 Grade Achieved : 100%

E-webinars/ E-FDP/ E-Quiz /E-Work shops

1. Attended 5-Day Online Faculty Development Program on “ Application of AI/ML in power systems and Electric Vehicles ” Organised by the department of Electrical & Electronics Engineering From 5th to 9th August, 2024
2. Attended webinar on “ Life cycle Management of Course outcomes in Outcome based Education” conducted by Dr Ritesh Bhat on 3rd Mar 2024
3. Attended one week FDP on “Recent Trends in Renewable Energy Systems from 03-10-2023 to 09-10-2023 organized JSPMS Rajarshi Shahu college of Pune.
4. Attended one day online International conference on “Recent Trends in Advanced materials” conducted by school of physics, P C Jabin Science College Hubballi on 2nd Sept 2023.
5. Attended one week FDP on “Recent Trends in Green Energy Initiatives and Soft Computing Techniques” from 11-07-2023 to 15-07-2023 organized by the Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad.
6. Attended Five Days E-Workshop on Scientific Communication for Researchers 29th May to 2nd June 2023 organized by B. M. S. College of Engineering, Bengaluru
7. Attended one week faculty development program on Recent Advances in Electrical Engineering, organized by G. Pullya Reddy college of Engineering Kurnool, Andra Pradesh from 17th to 21st October, 2022
8. Attended one week virtual faculty development program on Artificial Intelligence for Electrical Engineering organized by Dept of electrical engineering in association with RIT-IEEE Bengaluru on 4th to 8th October, 2021
9. Participated in one week webinar on Green Energy Development Supporting Technologies and Environmental Aspects organized by REVA University IEEE PES

student branch chapter in association with IEEE PES Bengaluru from 19th to 23rd April, 2021.

10. Organized E Quiz series on Fundamentals of Electrical and Electronics Engineering on 9th to 12th June 2020.
11. Organized E Quiz series on Fundamentals of Electrical and Electronics Engineering for Professionals on 12th to 15th June 2020.

Projects/Seminars/Grants/KSCST/Funding

Guided 30 under graduate Engineering projects, 55 mini projects and nearly 100 Technical seminars.

1. Team member of Indian Patent titled, Deep Learning-Based Algorithm for Energy Management in IoT enabled Hybrid Electric Vehicles. Publication Number : Application No.202441031115 A, Publication Date: 26/04/2024, Publication Type: Indian, Field of Invention: Electric Vehicles.
2. Presented a technical seminar on “Smart Grid Technologies: The Impact of EV Charging Infrastructure on Mobility in India” during Department Research Activity on 2nd Mar 2024 at EEE department KLEIT Hubballi.
3. Team member of UK design Patent titled, Portable Charging Station For E-Vehicle Design number: 6322675, Grant date: 07 November 2023, Registration date: 30 October 2023, International Design Classification: Version: 14-2023 Class: 13 Equipment For Production, Distribution or Transformation of Electricity Subclass: 02 Power Transformers, Rectifiers, Batteries and Accumulators.
4. KSCST project series 46th for the year 2022-23 sanctioned Rs 5000:00 for the project titled “ E- Bicycle speed controller using Arduino” .
5. Team member of Indian Patent titled, Artificial Intelligence (AI) and Dynamic Voltage Restorer (DVR) based efficient Power Quality Improvement System. Publication Number : 202241065204 A, Publication Date: 25/11/2022, Publication Type: Indian, Application Filing Date: 14/11/2022, Field of Invention: Electronics.
6. KSCST project series 45th for the year 2020-21 sanctioned Rs 8000:00 for the project titled “IoT based smart car parking system an initiative towards smart city” .
7. Team member of Indian Patent titled, IoT based Detection and Prevention of Malicious Attacks on Phase-Shifter-Control in Power Systems using Machine Learning techniques, Publication Number : 202241013752, Publication Date: 25/03/2022, Publication Type: Indian, , Application Filing Date: 14/03/2022, Field of Invention: Communication.
8. Selected for the Faculty project proposal for the project, Performance Analysis of Hybrid Bicycle for the year 2021-22 by KSCST Bengaluru, serial no. 150, 43S_BE_0183
9. Team member of Indian Patent titled, Design and Implementation of Smart Home Management with PV System Based on Renewable Energies, Publication Number : 45/2021, Publication Date: 05/11/2021, Publication Type: Indian, Publication Number:202141048458, Application Filing Date: 25/10/2021, Field Of Invention: Electronics.
10. 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.
11. Won the Best Project of the Year Award from KSCST for year 2019-20 for the project titled “Performance Analysis of Hybrid BiCycle”.

12. KSCST project series 43rd for the year 2019-20 sanctioned Rs 4000:00 for the project titled “Performance Analysis of Hybrid BiCycle”.
13. KSCST project series 3^{0th} for the year 2006-07 sanctioned Rs 4500:00 for the project titled “Railway Ticket Booking using Smartcard and Touch Screen”.

Professional Body member/Editorial Board Member and Reviewer invarious Journals:

Indian Society for Technical Education	ISTE	Life member LM 43713
International Society for Research and Development	ISRD	Life member 4150904012
International Association of Electrical Electronic and Energy Engineers	IAEEEE	Member Number: 71050469
Institute of Research Engineers and Doctors	theIRED	Associate Member AM10100058922
International Association of Engineers	IAENG	Member No: 191742
Institute For Engineering Research and Publication (IFERP) India	IFERP	Life member PMIN68397102
Scientific Research journal of Science Engineering and Technology	2023	Reviewer - Editor
Journal of Energy Research and Reviews	2023	Reviewer

Technical Papers published in journal

Day today learning and practices are published in International journals for the credibility and technical exchange among the professionals regularly. Following are the articles published over the years.

1. **Communicated-Under process-** Mallikarjun G. Hudedmani, “AI in Electric Vehicle Technology: Innovations and Challenges” IEEE conference and publication 2024.
2. **Communicated-Under process-** Mallikarjun G. Hudedmani, “Machine Learning for Battery Management Systems”, IEEE conference and publication 2024.
3. **Communicated-Under review-** Mallikarjun G. Hudedmani, “Phenomenography: An education research tool to classify the learners and implement effective methods to attain higher success rate –A Review” British Journal of Educational Technology. Manuscript ID is BJET-0685-Jul-2023-RV.
4. **Mallikarjun G .Hudedmani** “Metamaterials: A Comprehensive Review of Design and Applications” published in Int. J. Adv. Sci. Eng. Vol.11 No.1 3816- 3835 (2024) 3816 E-ISSN: 2349 5359; P-ISSN: 2454-9967, 2024
5. **Mallikarjun G. Hudedmani**, et-al, Development of an Embedded safety system for an Electric Vehicle, Journal of Pharmaceutical Negative Results JNPR, vol. 13 special issue 09 (2022),ISSN: 2229-7723, Scopus indexed Q4, ECSI Web of Science, <https://doi.org/10.47750/pnr.2022.13.S09.218>.
6. 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>.
7. **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, pp 37-44, 2020
8. **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
9. **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*, Vol 4, No 2 , July 2019, e-ISSN: 2456-9860,
10. **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.
 11. 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.
 12. 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.
 13. **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.
 14. **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. Vol.5 No.1 833-839 (2018) 833 E-ISSN: 2349 5359; P-ISSN: 2454-9967.
 15. **Mallikarjun G. Hudedmani**, Swati Kadapatti, Sneha Ghatole, Shamlee Rashinkar, Varsha Yadave, IoT Based Smart Energy Meter, *International Journal of Advanced Science and Engineering*, 2018.
 16. **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.
 17. **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.
 18. **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,
 19. 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.
 20. **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>
 21. **Mallikarjun G. Hudedmani**, Nitin Ummannanavar, Mani Dheeraj Mudaliar, 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>
 22. **Mallikarjun. G. Hudedmani**, Swati I K, Sneha S G, Basamma B, Vivek M N, Digital Logic Gate simulation using Arduino Microcontroller, *Journal of ControlSystem And Control Instrumentation*, Volume 3, Issue 1, MAT Journals February 2017 .
 23. **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.
 24. **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>

25. V.M. Soppimath, **Mallikarjun.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>
26. **Mallikarjun.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.
27. V.M. Soppimath, **Mallikarjun.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.
28. V.M. Soppimath, **Mallikarjun.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.
29. **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.
30. **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.
31. **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.
32. **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
33. 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.
34. **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.
35. **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.
36. **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.
37. **Mallikarjun. G. Hudedmani**, V.M. Soppimath, Energy Audit: An Initiative To Energy Conservation Discovery. The International Daily Journal ISSN 2278 – 5469 EISSN 2278 – 5450.

Conference Paper/Poster Presented

1. **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.
2. 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.

3. **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.
4. **Mallikarjun G. Hudedmani**, V.M. Soppimath, S.N.Mathad, “Environmental impacts of Energy generation”, Indian Congress of Civil Engineers, 05 Dec2015, Department of Civil Engineering ,Acharya Institute of Technology, Bangalore.
5. **Mallikarjun Hudedmani**, Sridhar S Honnappanavar, Basavaraj Hiremath, “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).

Conferences/Seminars/Work shops

1. Supported the ATAL FDP conducted by EEE department KLEIT Hubballi on 9th to 14th Sept 2024 and presented a topic “Impacts of EV on Electric Grid and Sustainable Transportation”.
2. Project based Learning Activity on Energy Audit and Conservation measures conducted by Mallikarjun G Hudedmani for semester 5, EEE students of KLEIT on 22nd Feb 2024. Under the banner Tarang.
3. Attended Two days Leadership Development Program at Parampara Forest Resort Dandeli by Mr Mahesh Mashal, Organised by KLE Institute of Technology, Hubballi on 14th & 15th Feb 2024.
4. Attended Three day International Conference on Research in Engineering Education Symposium -REES 2024 , Organised by KLE Tech University Hubballi on 4th to 6th Jan, 2024.
5. Attended One day International Conference on Recent Trends in Advanced Materials, organized by school of physical sciences PC Jabin College Hubballi on 2nd sept, 2023.
6. Attended Two day EOMS ISO 21001:2018 Auditor Training program of Bureau Veritas India Pvt Ltd Bengaluru organized by KLEIT Hubballi on 25th and 26th April 2022.
7. A Five day National level work shop on Simulation and Analysis of Power System Case studies using MiPower conducted by Presidency university Bengaluru on 14th to 18th Feb, 2022.
8. One day ISO 21001 Awareness Program from Bureau Veritas Certification India Pvt Ltd Bengaluru organized by KLEIT Hubballi on 6th Jan, 2022
9. AICTE Training and Learning (ATAL) Academy, Online Elementary Faculty Development Program on Industrial IoT: Automation, PLC’s, VFD & Web Server organized by National Small Industries Corporation Hyderabad. On 20th to 24th September, 2021
10. Attended one week AICTE-ISTE approved Orientation program on Introduction to Moodle for Teaching and Learning Process from 5th to 10th September 2021 organized by National Small Industries Corporation Hyderabad.
11. Attended a work shop on CDIO-Conceive Design innovate and Operate in Regional Research Symposium on PBL 2021 at KLE Tech University Hubballi 18th to 19th June,2021
12. Attended a work shop on Accelerating Project-based Learning using Internet of Things and Thinks Speak in in Regional research Symposium on PBL 2021 at KLE Tech University Hubballi 18th to 19th June,2021
13. Attended a work shop on Reflecting and learning PBL competencies in Regional research Symposium on PBL 2021 at KLE Tech University Hubballi 18th to 19th June,2021
14. Attended one week Faculty Development Program on Design and development of automated systems using PLC from 14th to 19th May, 2021 sponsored by AICTE-ISTE Induction/Refresher program.
15. Attended Five days Faculty Development Program in Research Innovation in Computer Vision from 10th to 14th May, 2021 organized by Kings Engineering College Chennai.

16. Attended one week Short term training program on Advanced Electronics Application in Power Systems from 22nd to 26th March, 2021 organized by Godavari college of Engg, Jalgoan
17. Attended Three day Faculty Development Program on NS3 organized by ECE dept KLEIT Hubballi on 23rd to 25th January 2020.
18. Attended One day work shop on Writing Scientific Research Articles , facilitate Materials Science for Energy Technologies KeAi Publisher at KLEIT Hubballi on 24th January 2019.
19. Attended Regional Research Symposium on PBL organized by CEER, KLE Tech University Hubballi on 21st to 23rd November 2019.
20. Attended One day work shop on Tutorial Video Lecture preparation using Active Presenter by Prof R P Punagin On 3rd Nov 2018.
21. Organized One week Faculty Development Program on Recent Trends in Electrical Engineering at KLEIT Hubballi from 24th to 28th July 2018.
22. Attended One day work shop on AICTE Model Curriculum Under TEQUIP 1.3 at Jnana sangam, VTU Belagavi. on 17th May 2018.
23. Organized Two week ISTE IITK work shop on Electrical Power System under the mission of education through ICT (MHRD, Govt of India) from 10th to 15th July 2017.
24. Attended One week Coordinators work shop on Electrical Power Systems under the mission of education through ICT (MHRD, Govt of India) from 1st to 5th May 2017.
25. Attended Two day workshop on Root Cause Analysis at KLEIT Hubballi by Bureau Veritas Bengaluru on 7th and 8th February 2017.
26. Attended Three day FDP on Power system design and Analysis using DIgSILENT Power Factory software by DELLSOFT Technologies Pvt LTD, Bengaluru from 11th to 13th July 2016.
27. Attended Three day International Conference Make in India ICMII at KLE Tech University Hubballi from 6th to 8th January 2016.
28. Attended one week FDP on Signals and Systems at KLEIT Hubli, from 28th December 2015 to 2nd Jan 2016.
29. Attended Two week FDP on Electromagnetic Field Theory at BVB CET Hubli from 2nd June 2015.
30. Attended Two week work shop on Control Systems under the mission of education through ICT (MHRD, Govt of India) from 2nd to 12th December 2014.
31. Attended Two day work shop on MiPower platform for power system studies 27th to 29th March 2014 at SDM CET Dharwad.
32. Attended Two day work shop on Outcome Based Education (OBE) at KLEIT Hubli on 24th and 25th January 2014.
33. Attended Two week work shop on Signals and Systems under the mission of education through ICT (MHRD, Govt of India) from 2nd to 12th January 2014.
34. Attended Two day work shop on LATEX at SKSVMACET Laxmeshwar on 31 August to 1st September 2013 in association with ISTE.
35. Workshop on "Internal Auditors Training Course" conducted by Bureau Veritas Certification India Pvt Ltd at KLE Institute of Technology Hubli on 23rd and 24th January 2013.
36. A Three day workshop on Awareness and Applications of MiPower Software by PRDC Pvt. Ltd., Bangalore from 19th to 21th September 2011.
37. Attended Three day work shop on Electromagnetics at BVB CET Hubli from 10th to 12th March 2011.
38. Attended Two day work shop on Artificial Neural Network & its Applications at STJIT Ranibennur on 17th and 18th September 2010.
39. Attended One day interaction program on DST-Technical Institute Interface at Shridevi Institute of Engineering and Technology Tumkur on 1st May 2010.
40. Mission10X Certificate in Teaching and Learning on 1st December 2009 in Pursuit of Excellence in Engineering Education through Innovation.
41. Attended Two day Mission 10X Learning Practitioner certificate work shop at

- KLECET Belgaum on 21st and 22nd October 2009 approved by ISTE.
42. FPGA based System Design using ALTERA Tools, one-day workshop sponsored by E&EE, BEC-IEEE and Enixs India Pvt. Ltd Bangalore on 10th October 2009.
 43. Attended Five day Mission 10X work shop at KLECET Belgaum from 17th to 21st August 2009, approved by ISTE.
 44. Attended Two day work shop on Modeling and Simulation using MATLAB-Simulink for Electrical Engineers on 22nd and 23rd March 2008 at BEC Bagalkot.
 45. Attended one-day colloquium on Advanced Topics in Power System Engineering under Faculty Development program on 15 March 2008 at BEC-TEQIP, BEC Bagalkot,.

Industrial Work Experience Summary

Industrial Work Experience: 1 ***Murudeshwar Ceramics Ltd, Hubballi***

August 2001 to July 2005

Worked as Senior Engineer in the Electronics and Instrumentation Department, Murudeshwar Ceramics Ltd., Hubballi, and Karaikal, Pondicherry from August 2001 to July 2005. Major responsibility was to look after Maintenance, Calibration, Repair & servicing of all Electronic and Measuring Instruments in the plant. Experienced in microprocessor and PLC system programming for Industrial needs and VFD etc. Proficient in designing and installing power circuits and control panels for industrial needs.

Nature of work responsibility and Contribution

Involved in the Erection, commissioning and servicing of Ceramic product manufacturing Machineries viz., Press, Vertical Driers, Mixing plant, Kiln FMS250, Slip ball mills, Spray drier, Electronic weighing system used in mixing plant. Tile Loading & unloading Machines, Screen Printing machines, RLC, PLC and SCADA, Polishing plant machineries, Cutting plant, Injection mould and Cartoon plant from various manufacturers like Sacmi Imola Italy, Omis, Barberi & Tarrozi, Breton Spa, BMR Italy, KEDA Electro dynamic machines China and Kexinda Machines China.

Administrative and Training

- ❖ TUV certified ISO Internal Auditor involved in ISO 9001 activities for the Quality Management Systems.
- ❖ Repair and servicing of Electrical & Electronic test and measuring instruments / equipments.
- ❖ Organized regular training classes for Supervisors and Trainee engineers regarding Basics of Electrical and Electronic Engineering, Basics concepts of drives and motors, PLC programming, Repair and servicing of Electrical & Electronic equipment's, Features of the machine and Electronics and Trouble shooting.

Industrial Work Experience: 2

Giddings & Lewis India Ltd, Tarihal industrial area Hubballi, formerly known as Kirloskar Warner Swasey Ltd.

Jan 1996 to July 2001

Worked as a Section Manager Electrical & Electronics Assembly at Giddings & Lewis India Limited., Tarihal industrial area Hubballi, formerly Kirloskar Warner Swasey Ltd, from Jan 1996 to July 2001. Manufacturer of CNC turning centers. Attended most of the customer installations and successfully commissioned various machines namely at Ashok Leyland

Hosur, Ennore, BHEL Trichy, AUDCO Manapakam, Kanchipuram, Keystone Guduvan cherry, TELCO, CMC Kolkata and many more at various customer locations.

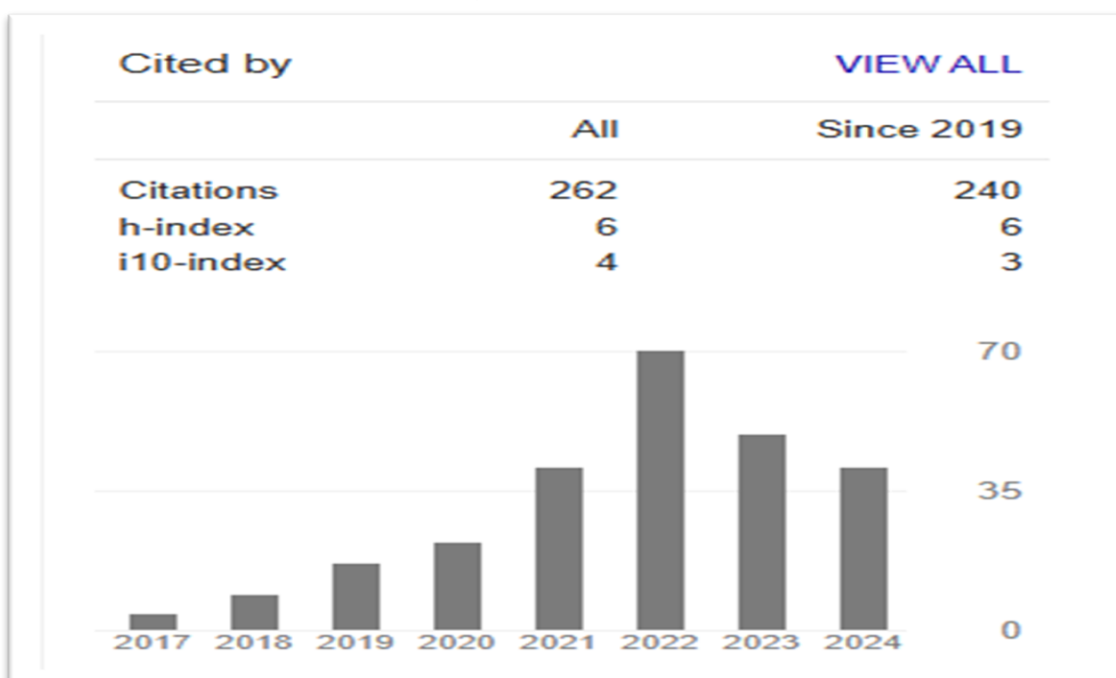
Nature of work responsibility and Contribution

Involved in manufacturing of CNC machines and calibration as per the customer needs and specifications. During training period worked in various departments like Material purchase & stores, Quality control, Production, Engineering, Customer support and contributed to the annual production of the company.

Administrative and Training

- ❖ Conducted regular training classes for customer regarding Fundamental features of the machine and Electronics and Trouble shooting.
- ❖ Conducted regular training classes for Supervisors and Trainee engineers regarding fundamentals of Electrical and Electronics, Basics concepts of drives and motors, PLC programming.
- ❖ Building and wiring of complete electrical assemblies of CNC machine.
- ❖ Designing of electrical control panels.
- ❖ PLC programming, Testing of CNC controls and Drives of Fanuc, Siemens etc.
- ❖ Powering up of machines with specific controls and drives.
- ❖ Documentation of the machine building process.
- ❖ Had exposure and worked with CNC machine mechanical assemblies and hydraulics & Pneumatics.
- ❖ Exposure to ISO 9000.
- ❖ Installation & Commissioning of CNC machines at customer site.
- ❖ Preparing tooling proposals and CNC machine component programming.
- ❖ Study of Customer enquiries.
- ❖ Attending service calls, reconditioning and AMC's of CNC machines at customer site.
- ❖ Attending customer queries and spares.
- ❖ Documentation of complaints and feedback analysis.

Google Scholar Data



AD Scientific Index 2025

Mallikarjun G Hudedmani Academic Profile: Rankings

Show on chart view

	SCORES	RANKINGS			
		In KLE Institute of Technology Hubli (35)	In India (129,059)	In Asia (685,384)	World (2,395,233)
H Index (Total)	6	#12	#54,367	#318,229	#1,361,380
H Index (Last 6 Years)	6	#10	#47,630	#294,415	#1,141,110
H Index Last 6 years / Total Ratio	100%				
i10 Index (Total)	4	#13	#58,351	#364,475	#1,441,890
i10 Index (Last 6 Years)	3	#13	#56,476	#354,415	#1,411,110
i10 Index Last 6 years / Total Ratio	75%				
Citation (Total)	261	#11	#45,716	#294,380	#1,141,110
Citation (Last 6 Years)	240	#10	#40,214	#264,380	#1,041,110
Citation Last 6 years / Total Ratio	91%				
Engineering & Technology *		#5 (23) *	#18,688 (41,581) *	(164,086) *	(429,040) *
Electrical & Electronic Engineering * <small>Power system Energy Initiatives Programmable controller and Automations </small>		#1 (3) *	#2,771 (6,269) *	(21,331) *	(49,078) *

* Dec 04, 2024 | According to Total H Index | BETA VERSION Join our list to unlock premium membership benefits and view the full version of your profile – [click here](#). Notice: Please note that the subject field rankings for the world, region, country, and university are in the Beta Version due to the exclusion of profiles classified under 'Others' (873.937 scientists whose branches have not been determined or updated). These rankings will adjust as profiles are updated.





Personal Details Education Qualification

Name : Mallikarjun G Hudedmani
 Languages known : English, Kannada, Hindi
 Marital status : Married
 Bachelor Degree B.E : Electrical and Electronics Engineering
 Master Degree M. Tech : Power and Energy Systems

Permanent Address: Mallikarjun G Hudedmani
 H.No 1258, Goudar Oni, Saunshi, Tq: Kundgol
 Dt: Dharwad, Saunshi-581117

Address for communication: Mallikarjun G Hudedmani
 Malatesh Nilay,
 H No: 131, FirstFloor
 2nd main, 3rd cross , Laxmi Nagar,
 Gokul Road, Hubballi-580030

Place: Hubballi
 Date

 (Mallikarjun G Hudedmani)