 **Name: Dr. Manjunath B. Ranadev**

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|  | **Educational, professional qualifications and trainings** |
|  | **Educational Qualification** (from highest to basic) |
| **S.N.** | **Degree** | **University / College** | **Discipline** | **Year of Passing** | **Class obtained** |
|  | Ph. D | VTU Belagavi | Electrical Sciences | 2023 | \_ \_ |
|  | M. Tech | VTU Belagavi / SJCE Mysore | Industrial Electronics | 2009 | First Class with Distinction |
|  | BE | VTU Belagavi / SDMCET Dharwad | Electrical and Electronics Engineering | 2007 | First Class |
|  | **Training programmes attended**  |
| **S.N.** | **Subject Area of Training** | **Organization** | **Place** | **Period / Duration** |
|  | “Renewable Energy Sources and Control” | National Institute of Technology Karnataka | Surathkal | 20th and 21st December 2012 |
|  | “Power Electronics and Measurements” | National Institute of Technology Trichy | Trichy | 2nd and 3rd May 2013 |
|  | “Selected topics of research in Electrical Power” | National Institute of Technology Karnataka | Surathkal | 27th and 28th September 2013 |
|  | Awareness Training Course on “Root Cause Analysis and Corrective Action (Based on ISO 9001:2008 Standard)” | BUREAU VERITAS | Hubballi | 16th December 2013 |
|  | STTP on “Signals and Systems” | IIT Kharagpur | Remote center K.L.E.I.T. Hubballi | 2nd to 12th January 2014 |
|  | STTP on “Control Systems” | IIT Kharagpur | Remote center K.L.E.I.T. Hubballi | 2nd to 12th December 2014 |
|  | STTP on “CMOS, Mixed Signal and Radio Frequency VLSI Design” | IIT Kharagpur | Remote center K.L.E.I.T. Hubballi | 26th December 2016 to 4th February 2017 |
|  | STTP on “Electric Power System” | IIT Kharagpur | Remote center K.L.E.I.T. Hubballi | 10th June to 15th July 2017 |
|  | STTP on “Electric Vehicle” | KLE DR. M. S. Sheshgiri College of Engineering and Technology, Belagavi | Belagavi | 1st to 6th January 2019 |
|  | Internal Auditor Training Course on “Quality Management Systems (Based on ISO 9001:2015 Standard)” | BUREAU VERITAS | Hubballi | 14th to15th March 2019 |
|  | STTP on “Outcome Based Education and NBA Accreditation” | K.L.E.I.T. Hubballi | Hubballi | 27th January to 1st February 2020 |
|  | Electrical Vehicle Technology | Government Engineering College | Haveri | 5th to 8th January 2022 |
|  | Internal Auditor Training Course on “Educational Organizations Management Systems (Based on ISO 21001:2018 Standard)” | BUREAU VERITAS | Hubballi | 25th and26th April 2022 |
|  | Intellectual Property Awareness/Training Program | NiPAM National IP Awareness Mission | Hubballi | 10th August 2022 |
|  | EV Technologies | KLE Technological University | Hubballi | 25th November 2023 |
|  | Institutions Innovation Council Regional Meet | KLE Technological University | Hubballi | 19th January 2024 |
|  | Faculty Development Program on Recent Trends and advances in energy storage system for E mobility | AICTE Training and Learning(ATAL) Academy  | Hubballi | 09th to 14th November 2024. |
|  | **Membership of National and International Professional Bodies/Organisations** |
| **S.N.** | **Name of Professional Body/Organization** | **Place** | **Membership Category** |
|  | Institution of Engineers (India)(M-1594960) | Kolkata | Member (MIE) |
|  | IEEE (95203956) | Bangalore section | Member |
|  | International Association of Engineers (268107) | Hong Kong | Member |
|  | **Technical Papers/Books Published in National / International Events / Journals** |
|  | **Papers**1. Manjunath B. Ranadev, R. L. Chakrasali (2014), ”Speed-Torque Characteristic of  DC Motor Fed By H- Bridge Converter”, *International Journal of Energy and*  *Power (IJEP)*, 3(4), P 49-53.2. Ravindra Shetty, Anilkumar Gadag, Manjunath B. Ranadev (2016) “Performance  Evaluation of A Modified Sine Wave Single Phase Inverter” *The International*  *Journal Of Engineering And Science (IJES)*, 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” *IPASJ*  *International Journal of Electrical Engineering (IIJEE),* 8(9), P 1-11.5. Manjunath B. Ranadev and R. L. Chakrasali (2020), “ Written-Pole Motor – A Mini Review”, Applications Of Modelling And Simulation (AMS), Vol. 4, pp. 125-129. 6. Manjunath B. Ranadev and R. L. Chakrasali (2021), "WRITTEN POLE MOTORS – A few Aspects", Journal of Digital Integrated Circuits in Electrical Devices, 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”, International Journal on Recent and Innovation Trends in Computing and Communication, 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”, Mathematical Statistician and Engineering Applications, Vol. 71, Issue 3s, pp. 8-18. |
|  | **Language skills (ability to)** | **Speak:** | **Read / Write** |
| English | English |
| Hindi | Hindi |
| Kannada | Kannada |
|  | **Employment Information and Professional Experience till date** |
|  | **Employment Information**  |
|  | Job title | Assistant Professor |
| Employer | K.L.E. Institute of Technology, Hubballi |
| Dates  | 01/08/2009 – 31/12/2023 |
| Responsibilities | Handling theory and practical courses for under graduate students, University assignment to conduct examination, evaluation and question paper setting for UG and PG courses, Department level ISO Co-Ordinator, Institute level ISO Internal Auditor. |
|  | Job title | Associate Professor |
|  | Employer | K.L.E. Institute of Technology, Hubballi |
|  | Dates  | 01/01/2024 – Till date |
|  | Responsibilities | Handling theory and practical courses for under graduate students, University assignment to conduct examination, evaluation and question paper setting for UG and PG courses, Department level ISO Co-Ordinator, Institute level ISO Internal Auditor, KLEIT IEEE student Branch Counsellor. |
|  | **Public Service & Volunteer Work** |
|  | ---- |
|  | **Other professional achievements such as any awards, special skills, etc.** |
|  | Submitted a project report “Post Project Analysis of Nirantara Jyoti Scheme” to HESCOM Hubballi on September 2009. |
|  | 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. |
|  | 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). |
|  | Completed “AutoCAD 2012 Certified Associate” course on 13th December 2013. |
|  | Delivered a talk on “Energy Audit and Potential EMOs” in IEI (India), local centre Dharwad on 12th June 2018. |
|  | Completed the assessment for the “Internal Auditor Training Course on Quality Management Systems (Based on ISO 9001:2015 Standard)” |
|  | Judge for a national level technical competition “Paper Presentation contest in Insignia 2019” on 24th March 2019 at SDMCET, Dharwad. |
|  | Published a technical article on “Recycling of Used solar cells” in ET-Talk May-2020 published by IEI (India) local centre Dharwad. |
|  | 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. |
|  | Delivered a talk on “Air Energy Storage (Mechanical Energy storage)” in IEI (India), local centre Dharwad on 07th July 2020. |
|  | Completed coursera course in on “Solar Energy and Electrical System Design” and “A Biginners Guide to Numerical Methods using MATLAB” in UDEMY during 2021. |
|  | Received a letter of appreciation in 5th National Level IEEE Project Competition-2021for guiding an undergraduate project “Online monitoring system for lead-acid battery” on 26th June 2021. |
|  | Completed the assessment for the “Internal Auditor Training Course on “Educational Organizations Management Systems (Based on ISO 21001:2018 Standard)” on 25th and 26th April 2022. |
|  | Delivered a talk on “Submersible Pumps-A Performance Study” in IEI (India), local centre Dharwad on 28th February 2023. |
|  | Delivered a talk on “AI Techniques for Electric and Hybrid Electric Vehicles” in IEI (India), local centre Dharwad on 12th March 2024. |
|  | Resource person for a Faculty Development Program on “ Applications of AI/ML in Power Systems & Electric Vehicles “Organised by the department of EEE, Kishkinda University from 05th to 09th August 2024. |
|  | **Any other information** |
|  | **Strengths** | Department Co-ordinator at various capacities. |
|  |  | Research activity: article publishing. |
|  |  | Evaluation of Post Graduate projects. |
|  |  | Session Coordinator in IEEE International Conference on Intelligent Technologies (CONIT), Reviewer for IEEE Conference (NKCon). |
|  | **General information** |
|  | Name | Dr. Manjunath B. Ranadev |
|  | Gender | Male |
|  | Nationality | Indian |
|  | Date of birth | 17-05-1985 |
|  | Contact address | Near Joshi karyalaya, Madihal Road, Dharwad-580006. |
|  | Phone / mobile number | 9740667115 |
|  | Email | manjunath.ranadev@kleit.ac.in |

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| 04-12-2024 | Dr. Manjunath B. Ranadev |  |
| Date | Full name | Signature |