

CURRICULUM VITÆ



DR. PRAKASH KERUR

Email: prakashkerur@gmail.com, prakashkerur@kleit.ac.in

Mobile:9110814870/9739110789

Objective

"I am seeking a dynamic platform and a challenging environment that will allow me to utilize my skills to their fullest potential. My goal is to contribute to a team focused on innovation, while serving both the organization and society."

Education Qualification

- ❖ **PhD** : Completed under VTU in 2021 with the research title "A Novel Bidirectional Power flow Solution in a Distribution System having Distributed Generation (DG) using Graph Theory Techniques" under the guidance of Dr. R.L. Chakrasali , Principal SDM college of Engg& Tech. Dharwad.
- ❖ **M.Tech : Power Electronics** passed with first class, from PDA college of Engg & Tech, Gulbarga, in 2008, affiliated to Visveswaraya Technological University Belagavi, India.
- ❖ **B.E:** Electrical and Electronics Engineering passed with first class with distinction From BVB college of Engg & Tech. Hubli in 2001, affiliated to Karnataka University Dharwad, India.

Strengths and Future professional plans

"My experience in academia and research has equipped me with a blend of essential skills, including quick learning, adoption of best practices, effective communication, and presentation. I am creative, optimistic, and highly committed to upholding professional ethics, humanity, and teamwork to enhance productivity and drive excellence in my work. I am passionate about participating in staff conventions, technical events, and social gatherings to strengthen professional connections for excellence in academic and research."

Professional Experiencesummary: 18 Years

- **Associate Professor** in Electrical and Electronics Engg dept, K.L.E.Institute of Technology, Hubballi from Feb 2015 till date.
- **Associate Professor** at KLE's Dr. MSSCET,Belgavi 2008 to 2015.
- **Lecturer** at STJ institute of Technology, Ranibennur 2004 to 2006.

K.L.E Institute of Technology, Hubballi Feb 2015 till date

Presently working as Associate Professor in Electrical and Electronics Engg dept, K.L.E. Institute of Technology, Hubballi from Feb 2015 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 overall progress of the department. Active participation in college level activities like co-ordinator Youth Red Cross, Anti ragging committee, Government and private online and off line exams co-ordinator.

Administrative Skills Exhibited

- Served as Chairman of various committees like, Anti Ragging committee, youth Red cross wing Student Grievance cell, department co-ordinator of Advitiya Tech Fests and Gatherings etc, at college level.
- External Examiner KLE Tech University.
- Serving as Incharge HOD ,E&E dept and Department Academic coordinator.
- Project Coordinator, Seminar Coordinator and Internship co-ordinator.
- Staff representative for the students Association.
- Mentor for the effective counseling of the students.

Software skills

- Proficient in Microsoft Packages and Networking.
- Proficient in use of MATLAB/SIMULINK and LT SPICE

Technical Upgrade /OnLine Courses /Coursera

1. Completed 13 Coursera Online courses during Feb-Mar 2021-22

E-webinars/E-FDP/E-Quiz/E-Workshops

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 “Lifecycle 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, PC 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- student branch chapter in association with IEEE PES Bengaluru from 19th to 23rd April, 2021.
 9. Organized E Quiz series on Fundamentals of Electrical and Electronics Engineering on 9th to 12th June 2020.
 10. Organized E Quiz series on Fundamentals of Electrical and Electronics Engineering for Professionals on 12th to 15th June 2020.

Projects/Seminars/Grants/KSCST/Funding

1. Dr. Prakash Kerur KSCST project series 46th for the year 2022-23 sanctioned Rs 5000:00 for the project titled “ Exo-skeleton arm for treatment of paralysed patient” .
2. Dr. Prakash Kerur KSCST project series 46th for the year 2022-23 sanctioned Rs 6000:00 for the project titled “ Dynamic self charging Electric vehicle”
3. Dr. Prakash Kerur KSCST project series 47th for the year 2023-24 sanctioned Rs 6400 for the project titled “VEHICLE EMISSION MONITORING, DETECTING AND TRACKING USING GPS & GSM.
4. Dr. Prakash Kerur KSCST project series 47th for the year 2023-24 sanctioned Rs 6500 for the project titled “ AUTONOMOUS LEGO LINE FOLLOWING ELECTRIC VEHICLE (EV) WITH SELF CHARGING TECHNOLOGY.

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

Indian Society for Technical Education	ISTE	
International Association of Electrical Electronic and Energy Engineers	IAEIEEE	
MAT journals	2023	Reviewer-Editor
MAT journals	2023	Reviewer

Research Papers published in journal

1. Dr. Prakash Kerur Power Transfer Capability Recognition in Deregulated System under Line Outage Condition Using Power World Simulator” Journal of Electrical Engineering and Automation Journal of Electrical Engineering and Automation, December 2021, Volume 3, Issue 4 277 DOI: <https://doi.org/10.36548/jeea.2021.4.003>

2. Dr.Prakash Kerur Recognition Of Alternative Power Flow Paths In Distribution Network Under Line Outages Using Graph Theory Technique” Gis Science Journal Volume 9, Issue 12, 2022 Page No: 503-510 DOI:20.18001.GSJ.2022.V9I12.22.40461Scopus Q4
3. Dr. Prakash Kerur PCB Sparks Gaps For Surge Voltages And EMC/EMI Protection In Future Electric Vehicle Charging” Gis Science Journal Volume 10, Issue 3, 2023 Page No: 1599-1611 DOI:20.18001.GSJ.2022.V10I3.23.409142 Scopus indexed Q4
4. Dr. Prakash Kerur Exoskeleton Arm: The First Step for Treatment of Paralysis Patient Journal of Control System and Control Instrumentation Volume-9, Issue-2 (May-August, 2023) //doi.org/10.46610/ 2023 Non-scopus
5. Dr. Prakash Kerur, Keertikumar S.H Self-Charging of Electric Vehicle: Electrify Your Ride Journal of Control System and Control Instrumentation Volume-9, Issue-3 (September-December, 2023) doi.org/10.46610/JOCSACI.2023.v09i03.001 2023 Non-scopus
6. Prakash Kerur, R. L. Chakrasali (2017) “Comparative Study of Bi Directional Converters Used In Grid Interactive Small Scale Renewable Power System” Journal of Smart Grid Technology Volume 2 Issue 2. Page 1-18
7. Prakash Kerur, R. L. Chakrasali (2017) “Optimal Path for Power Flow in Future Distribution System Planning With Uninterruptable Power Supply Using Graph Theory” International Journal of Electronics, Electrical and Computational System IJECS ISSN 2348-117X ,Volume 6, Issue 9
8. Prakash Kerur, R. L. Chakrasali (2017) “Seven Level Inverter for High Power Applications in Standalone Hybrid Energy Systems” International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS-2017) 978-1-5386-1887-5/17/\$31.00 © IEEE.
9. Prakash Kerur, R. L. Chakrasali (2018) “Single Input Multi Output Switched Boost Inverter for Small Scale Solar Distributed Generation ” , Journal of Power Electronics and Devices Volume 4 Issue 2, Page 1-7 © MAT Journals
10. Prakash Kerur, R. L. Chakrasali (2018) “Power Flow Control and Communication in Autonomous Distribution System using Tie-Set Graph Theory and Johnson’s Algorithm”, Journal of Current Trends in Electrical Engineering Volume 1, Issue 3, Page 49-60 © MANTECH PUBLICATIONS
11. Prakash Kerur, R. L. Chakrasali (2019) “Integration of Block Chain and Digital Grid Routers for Load Balancing and Bidirectional Power Flow in Micro grid” Journal of Smart Grid and Related Technology Volume 4 Issue 1, Page 11-17.
12. Prakash Kerur, R. L. Chakrasali (2019) “A Novel Distribution System Planning of Distributed Generation and Bi-directional Power Flow Using Digital Grid Router” Journal of Smart Grid and Related Technology Volume 4 Issue 1, Page 1- 10.
13. Prakash Kerur, R.L. Chakrasali ,(2019) “Shortest Power Flow Paths in Deregulated Scenario Using Graph Theory” , International Journal of Advanced Science and Engineering. Vol.6 No.1 1272 E-ISSN: 2349 5359; P-ISSN: 2454-9967.
14. Prakash Kerur, ,R.L.Chakrasali, (2020) “Determination of ATC and Shortest Path Power Flow in Deregulated Power System” International Journal of Advanced Science and Engineering. Vol.6 No.4 1505 E-ISSN: 2349 5359; P-ISSN: 2454-9967.

15. Mr. Prakash Kerur, Dr. R.L. Chakrasali “Graph Theory Algorithm to Find Minimum Cost Power Flow Path in Deregulated Scenario under Line Outage Contingency”, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 15, Number 7 (2020) pp. 755-761 © Research India Publications
16. Mr. Prakash Kerur, Dr. R.L. Chakrasali “Congestion Management and Demand Side Response in Wholesale Power Market” Int. J. Adv. Sci. Eng. Vol.7 No.1 146x-147x (2020) 1469 E-ISSN: 2349 5359; P-ISSN: 2454-9967
17. Mr. Prakash Kerur, Dr. R.L. Chakrasali Power Transfer Capability Recognition in Deregulated System under Line Outage Condition Using Power World Simulator” Journal of Electrical Engineering and Automation Journal of Electrical Engineering and Automation, December 2021, Volume 3, Issue 4 277 DOI: <https://doi.org/10.36548/jeaa.2021.4.003>
18. Dr. Prakash Kerur, Dr. R.L. Chakrasali Recognition of Alternative Power flow paths in Distribution Network under Line Outages Using Graph Theory Technique, GIS SCIENCE JOURNAL VOLUME 9, ISSUE 12, 2022 ISSN NO : 1869-9391 PAGE NO: 503 ISSN NO : 1869-9391
19. Dr. Prakash Kerur. , Prakash M.N , KeertiKumar S H PCB Sparks Gaps for Surge Voltages and EMC/EMIProtection in Future Electric Vehicle charging GIS SCIENCE JOURNAL VOLUME 10, ISSUE 3, ISSN NO : 1869-9391,2023
20. Dr. Prakash Kerur, Prateek P Exoskeleton Arm: The First Step for Treatment of Paralysis Patient Journal of Control System and Control Instrumentation www.matjournals.com Volume-9, Issue-2 May-August, <https://doi.org/10.46610/JOCSACI.2023.v09i02.002> 2023.

Conferences/Seminars/Workshops

1. Dr.Prakash Kerur attended 1 week FDP on "AI Applications to Power Systems “during 17- 22 January 2022, organized by Department of Electrical & Electronics Engineering, Siddaganga Institute of Technology, Tumakuru.
2. Dr. Prakash Kerur attended 1 week FDP on Machine Learning using Python during 16/10/2023 to 20/10/2023 (One Week)at NITTTR, Chandigarh.
3. Dr. Prakash Kerur attended 4 days FDP on VTU internship program organized by the Rooman Technologies in association with VTU Belgavi from 2/9/2024 to 5/9/2024.

Google Scholar Data



Personal Details

Name :Prakash S Kerur
Languagesknown :English,Kannada,Hindi
Maritalstatus : Married
PermanentAddress: Prakash S Kerur
H.No 202,Shreya sollitire, R N
Shetty Road
Hubballi.

Address for communication: Prakash S
Kerur

H.No 202,Shreya sollitire, R N Shetty Road
Hubballi.

Place:H
ubballi
Date

(Dr. Prakash Kerur)