

# Keerthi Kumar S H

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9591775090



## Education

Ph.D (Registered) 2023-	Visvesvaraya Technological University (VTU)	Hubballi
M.Tech in Power System Engineering. 2016-2018	Acharya Institute of Technology	Bengaluru
BE in Electrical and Electronics Engineering 2011-2015	Jain Institute of Technology	Davanagere

## Skills

- Leadership and Teamwork
- Fast Learner
- Flexibility and Adaptability
- Time Management
- Microsoft Office
- Communication Skills

## Professional Summary

- Taught courses in Electrical and Electronics Engineering to undergraduate students.
- Mentored undergraduate students on their projects, providing guidance and feedback
- Developed and implemented innovative teaching strategies to improve student engagement and learning outcomes.
- Good written, verbal and presentation skills, particularly the ability to communicate in a multi disciplinary project context.
- Willing to perform in all type condition like accreditation process and implementing innovative teaching techniques & also ensure compliance with policies and procedures.

## Employment History

<b>Assistant Professor</b> Jan,2023-Present	KLE Institute Of Technology	Hubballi
<b>Assistant Professor</b> Sep,2018-Dec,2022	Bapuji Institute of Engineering and Technology	Davanagere
<b>Guest Lecturer</b> May,2018-Sep,2018	Bapuji Polytechnic Shabanur	Davanagere
<b>Resource Person</b> in Skill Development and Upgradation Program Jan,2020	MARSS-K and MGIRED	Davanagere
<b>Resource Person</b> in Skill Development and Upgradation Program Mar,2020	MARSS-K and MGIRED	Ranebennur

## PROFESSIONAL QUALIFICATIONS AND AFFILIATIONS

- Associate Member of IEI (Institute of Engineers).
- PLCC training from BOSCH in MYSORE.

## Publications

- Published a paper in Journal of Control System and Control Instrumentation by name **Self-Charging of Electric Vehicle: Electrify Your Ride.**
- Published a **Q4** paper in GIS SCIENCE JOURNAL by the name **PCB Sparks Gaps for Surge Voltages and EMC/EMI Protection in Future Electric Vehicle charging**
- Published a paper in Published a paper in IJSERT by the name **Smart Energy Management System Using ZIGBEE & Microcontroller.**
- Published a paper in IJSART by the name **Power Quality Control to Grid Connected Operation for Distributed Generation in Multiple Stage.**
- Published a paper in IJIRT by the name **Development of Smart Electric Vehicle Charging Station-An off Grid Bunk.**
- Published a paper in IJPRSE by the name **Power Quality Issues in Grid Integration of Solar Energy System.**

## Projects

- BE: Project on Heterogeneous computerized electrical system with 4 member's team for the duration of 4 months.
- M.Tech: Project on Multiple Stage Power Quality Control to Grid Connected Operation for Distributed Generation.
- Implementation Of Grid Connected PV-Battery System For Residential And Electrical Vehicle Application Using MPPT.
- Power quality issues in grid integration of solar energy system.
- Development of Smart Electric Vehicle charging Station an off grid bunk.
- Power Quality Issues in Grid Integration of Solar Energy System.
- Multi-Input DC-DC Converter for Hybrid Electric Vehicles. **(KSCST Sponsored Project)**

## Languages

- English Highly Proficient
- Kannada Native Speaker
- Hindi Highly Proficient
- Telugu Native Speaker

## Internships

Internship at SLDC Bengaluru on SCADA, KPTCL Bengaluru.

## FDP(Faculty Development Programme)

Title	Duration	Date
Electrical engineering simulation one-plane-tap and OrCAD software with Hands on training".	One week	28/01/2019
Tools and techniques for effective research writing.	One week	07/12/2020
Advances in Power electronic application.	One week	04/08/2020
Accreditation an accelerator for quality improvement in engineering education	One week	18/04/2021
STC on Energy Efficient and De carbonization Technologies from NITTR, Chandigarh.	One week	5/06/2023
"Emerging Trends in Signal Processing, Image Processing and Artificial Intelligence".	Five days	12/09/2023
DST sponsored 2 Weeks Online FDP on Entrepreneurship Development (Energy Conservation through Electric Vehicles) conducted by Centre for Faculty & Professional Development, Anna University, Chennai.	Two week	29/12/2023 to 09/01/2024
"One week International online FDP on Emerging trends in Electronic Circuit Design, Signal processing, and Communications"	One week	01/07/2024 to 06/07/2024

## **Hobbies**

- Reading books, Trekking, Playing Cricket

## **Extra-curricular Activities**

- Treasurer of Youth Red Across student wing, Jain Institute of Technology, Davanagere.
- Department Student Project Coordinator, Bapuji Institute of Engineering and Technology, Davanagere.
- Department Covid cell Coordinator, Bapuji Institute of Engineering and Technology, Davanagere.
- Department Placement Coordinator, KLEIT, Hubballi.

## **Subjects Handled**

- |  |         |
|--|---------|
| • <b>Power System Protection</b>               | 3 Times |
| • <b>Integration of Distributed Generation</b> | 3 Times |
| • <b>Renewable Energy Sources</b>              | 7 Times |
| • <b>Power Generation and Economics</b>        | 2 Times |
| • <b>Electrical Estimation and Costing</b>     | 2 Time  |

## **PERSONAL DETAILS**

Father's Name : Shivanand B Hadimani

Mother's Name : Kariyamma S Hadiamni

DOB : 03 Oct1993

## **DECLARATION & SIGNATURE**

I, Keerthi Kumar S H, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.



Keerthi Kumar S H,