

PRAKASH.M.N

E-mail : prakashmbms@gmail.com

Mobile: +91-8105605434

CAREER OBJECTIVE:

Enthusiastic individual with excellent academic, organizational and interpersonal abilities and a passion for teaching. To practice exceptional skills in teaching university students core subjects. Demonstrated evidence of professional growth with an interest in contributing to the academic community through research.

WORK EXPERIENCE:

- ❖ Working as Asst. Prof. at KLEIT Hubballi, (2022-till date).
- ❖ Worked as Asst. Prof. at JCET Hubballi, for 5 year (2017-2022).
- ❖ Worked as Asst. Prof. at S.T.J.I.T. Ranebennur, for 4 years. (2013-2017)
- ❖ Worked as R&D intern at “**APC by Schneider Electric (I) Pvt Ltd**”, BANGALORE for One year (2011-2012)

TECHNICAL SKILLS:

Core Subjects : Synchronous generator , Synchronous motor , Induction motor, DC- generator & motor, Power electronics, Switched Mode Power Supplies,(fly-back,forward,push-pull converters) , Advanced Power electronics, Transmission & Distribution, DC-AC Machines, T&D, Renewable energy resources.

Simulation Tools : MATLAB/SIMULINK, Orcad.

Office Tools : MS-OFFICE (Word, Excel, PowerPoint).

PROJECTS:

Title: “EMI/EMC Study and Analysis for Home inverter”.

Duration : 9 Months.

Organization: APC by Schneider Electric (I) Pvt. Ltd., Bangalore.

Description :

India being rough weather condition for Home Inverter, UPS application it requires surge withstanding up to 6kV for reliable operation of Home inverter. Surge withstanding generally requires MOV's and Gas discharge tubes (GDT) for higher stress

levels (> 4kV). Cost of GDT in EMI filter is significant. To replace GDT's on Board spark gap method is proposed and analyzed for different shapes to operate reliably. The cost of On Board Spark gap is negligible as copper area formations used for spark gaps. Analyzed and tested the different shapes such as Triangular, Thrishool, Hemispherical, Spherical, and Triangular with slot spark gap layouts for sustaining the High potential behavior by conducting HI-POT TEST. Testing proved hemispherical shape has advantages of reliable operation.

EDUCATIONAL DETAILS:

Course	Institute/University	Board/University	Passing (%)
M.Tech (Power Electronics)	BMSCE, Bangalore	VTU, Belgaum	73.16 %
B.E (Electrical and Electronics Engineering)	SDMCET,DHARWAD	VTU, Belgaum	61.8%
P.U.C (PCMB)	CES K.H PATIL PUC COLLEGE ,HIREKERUR	PUC Board, Bangalore	63.31%
S.S.L.C	D.R.T THAMBAKADA BOYS HIGH SCHOOL,HIREKERUR	KSE Board, Bangalore.	60%

ACADEMIC ACHIVEMENTS

- ❖ Working as KLE Digital media member at KLEIT Hubballi.
- ❖ Served as deoportment coordinator for national level technical fest(Advitiya-23).
- ❖ Worked as First year coordinator, College Discipline Coordinator and Anti-raging Chairman at JCET Hubballi.
- ❖ Worked as college level IA coordinators for 6 months.
- ❖ Presented a paper on “**ATM WITH AN EYE**”.
- ❖ Served as Department Association Secretary, SDMCET.
- ❖ Organizer in “TROUBLE SHOOT-07”, a state level technical event conducted by E&E Department, SDMCET.
- ❖ Member of the Core Organizing Committee for cultural activities.

FDP ATTENDED

- ❖ Participated in the One-week Faculty Development Programme on “Recent Trends and advances in energy storage system for E mobility” held EEE department KLEIT Hubballi on 9th to 14th 2024.
- ❖ Participated in the One-week Faculty Development Programme on “Recent Trends in Power Electronics and Power Systems” held from March 20-25, 2023.
- ❖ Participated in The 5 days national level faculty development programe on “Emerging Trends in signal processing,Image processing and Artificial intelligent” at SJMIT chitradurga from 12 to 16 sept 2023.
- ❖ Participated in the Two days Faculty Development Programme on “Design of Thinking” held on April 2022 at KLEIT Hubballi.

Journal paper published

Sl.No	Title of Paper	Publication	Volume	Year
1	Reliability assement of generation system	IJAREEIE	3	SEP 2014
2	PCB Sparks Gaps for Surge Voltages and EMC/EMI Protection in Future Electric Vehicle charging	GIS SCIENCE JOURNAL (Q4 journal)	VOLUME 10, ISSUE 3, 2023	APR 2023

PERSONAL DETAILS:

Date of Birth : 15-05-1986
Father's Name : Mahadevappa Naik.
Languages known : Kannada, English, Telugu, Hindi.
Gender : Male.
Marital Status: : Married.
Nationality/Religion : Indian-Hindu

Place: Hubballi
Date: 05.12.2024

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