



P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

| | |
|-------------------------------------|---|
| Name | B.N.HARISH |
| Designation, | ASSISTANT PROFESSOR |
| Department & Affiliated Institution | Department of Electrical & Electronics Engineering, P.E.S College of Engineering, Mandya – 571 401 |
| Research Area | Renewable Energy & Power Electronics |
| Contact Number | +91 9880817859 |
| Email ID | bnharish@pesce.ac.in |



Academic Profile

Educational Qualifications

| Degree | College | University | Year of Passing | % ge | Class |
|--------|--------------|------------|-----------------|------|-----------------------|
| M.Tech | N.I.E,Mysore | VTU | 2004 | 67 | I st Class |

Professional Experience

| Organization and Department | Designation | Period | Total Experience |
|-----------------------------|---------------------------------|-------------------------------|----------------------|
| PESCE,Mandya,E&EE | Lecturer | 2000-02 | 02 Years |
| CEC,B'lore,E&CE | Lecturer | 2004-2005 | 01 Year |
| RVCE, B'lore, E&EE | Lecturer | 2005-2008 | 2.5Year |
| PESCE, Mandya | Lecturer Assistant Professor | 2008-2010 2010 - Till Date | 02 Years 13 Years |

Reports on Academic and Research Activities

Academic Activities

| | |
|--|---|
| Teaching Records (Details of courses taught) | Undergraduate: Basic Electrical Science, Electrical Measurement and Instrumentation, Network Analysis, Electro, Power electronics, ac & dc drives, Microprocessor, Digital Electronics, Signals and systems, Utilization of Electric Power, Renewable Energy Sources. |
|--|---|

Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

| Degree | Ph. D. | M.Sc., Engg. | M.Phil |
|----------|-----------------------|--------------|--------|
| Awarded | | | |
| Pursuing | Course work completed | | |

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

| Project Title | Project Funded by | Grants Sanctioned | Grants Received |
|--------------------|-------------------|-------------------|-----------------|
| Sponsored Research | ----- | -- | - |

Research Publications in Refereed Journals and Conferences/Symposia

| Number of Publications in | National | International |
|---------------------------|----------|---------------|
| Journals | - | 04 |
| Conferences/Symposia | - | 02 |

Other Important Responsibilities Held in the College

| | |
|-------------------------------|-----------------------------------|
| 1. Solar incharge | 3. BoS and BoE Member |
| 2. Special officer Electrical | 4. ISTE chapter student councilor |

LIST OF PUBLICATION

List of publications:

1. BN Harish, D M Srinivasa , Harisha K S “Analysis Study on Partial Discharge Magnitudes to the Parallel and Perpendicular Axis of a Cylindrical Cavity”, International Journal of Engineering Trends and Technology (IJETT) – Volume-45 Number7 -March 2017.
2. B N Harish, Dr.usha surendra “Power Quality Impacts and Mitigation Measures in Grid Connected Electric Vehicle System”, 4th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT-2019), 13-14 December 2019
3. BN Harish, Dr.usha surendra “ Review on power quality issues in electric vehicle interfaced distribution system and mitigation techniques”, Indonesian Journal of Electrical Engineering and Computer Science Vol. 25, No. 2, February 2022, pp. 656~665 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v25.i2.pp656-665.
4. BN Harish, Dr.usha surendra “Comparison of DQ Method with $I \cos\phi$ Controller in solar power system Connected to grid with EV load” 2022 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE),23-24 April2022.
5. BN Harish, Anusha BM, Kiran BP, Deepak K R,Yamani “Solar and wind fed battery charging using simulink”, International Journal of Progressive research Engineering Management and Science (IJPREMS) – Volume-03/Issue 07 July 2023.
6. BN Harish,Monisha S, Deepashree B.C, Vaibavi Naidu, Yashwanth kumar R “Biderictional smart energy management charging from grid to vehicle and vehicle to load”, International Journal of Progressive research Engineering Management and Science (IJPREMS) – Volume-03/Issue 07 July 2023.