

**Mr. Arunkumar P** BE, M. Tech. ,(Ph.D.)  
Assistant Professor, Dept. of E&E Engg.  
Bapuji Institute Engineering and Technology, DAVANGERE -  
577004

Mob: +91-8904083057

Email: [arunkumarp584@gmail.com](mailto:arunkumarp584@gmail.com)

**Google Scholar link:**

<https://scholar.google.co.in/citations?hl=en&pli=1&user=n6VielUAAAAJ>

**IRNS link:** <https://bietdvg.irins.org/profile/450329>



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## **RESEARCH INTEREST**

*Electric vehicles, Energy Trading, Power System, Microcontroller and IoT*

**TEACHING EXPERIENCE** Having 9 years of teaching experience.

- Presently working as Assistant Professor from January 2022 in Electrical & Electronics Engineering, BIET, Davangere to till date.
- Worked as Lecturer in Electrical & Electronics Engineering STJIT Ranabennur from July 2007 to July 2008
- Worked as Lecturer in Electrical & Electronics Engineering, B.I.E.T., Davangere from August 2008 to June 2012.

## **EDUCATION**

**M.Tech.** in Electrical Energy Systems and Management from SJCE, Mysore  
Affiliated to Visvesvaraya Technological University, Belagavi, during the year 2014

Percentage (First Class with Distinction):

**9.0 CGPA**

## **PROFESSIONAL MEMBERSHIP:**

- Member of Indian Society for Technical Education (ISTE),

## **SKILLS PROFILE**

- Operating System: Windows 9x/2000.
- Languages: MATLAB
- Microcontroller Knowledge: 8051, Arduino

## **ACHIEVEMENTS**

- Completed successfully 12 Weeks NPTEL Course on “Smart Grid: Basics of advanced Technologies”, Jan- April, 2024.

## **PUBLICATIONS**

### **In International and National Conferences:**

- Published a paper on “Auction based Single Buyer Trading model in Grid Tied Microgrid with active Sellers and Buyers” e-Prime - Advances in Electrical Engineering, Electronics and Energy, Volume 4, <https://doi.org/10.1016/j.prime.2023.10013>, Elsevier, Scopus (Q3)
- Published a paper on “Pi Based Direct torque control of PMSM for torque ripple reduction” e-Prime World Journal of Advanced Research and Reviews, Volume 3, <https://doi.org/10.30574/wjarr.2023.20.3.2198>

### **SHORT TERM COURSES/WORSHOPS ATTENDED:**

- Attended the Seminar on “Recent trends in Nanotechnology” conducted by the ISTE and IIPC, BIET, Davangere, on 20-08-2008.
- Attended Three Days National Workshop on Theory and Practical on Microcontroller conducted by department of E&E Engg. Nitte Meenakshi Institute of Technology Bangalore. during 29-01-2009 to 31-01-2009
- Attended the Two-day workshop on “Advances in Electrical Power Systems and Artificial Intelligence Techniques” conducted by the department of E & E Engg., BIET, Davangere, during 11-02-2011 and 12-02-2011
- Participated in Five Days National Level faculty development program on “Master Class on Solar PV system Design” SkillDzire, 18th and 22nd October 2023
- Completed 12 Weeks faculty development program online –NPTEL on “Smart Grid: Basics of advanced Technologies”, Jan- April, 2024.

### **Roles and Responsibilities:**

- Worked as a Department IIRF coordinator.
- NBA Creterie-2
- Scholarship coordinator
- Attal scheme dept. coordinator
- NAAC Creterie-1 coordinator

### **Project Guided:**

**For B.E.: 08 batches**

### **SUBJECTS TAUGHT**

Basic Electrical engineering, HVDC Transmission, Power Electronics, Testing and Commission of Electrical Equipments Linear IC and Applications, Microcontrollers, Measurements, Renewable Energy Sources, Electrical Power Generation, Electrical Drawing, Electrical Estimation and Costing

**Residential Address: ARUN KUMAR P**  
**S/o Parashuramappa**  
**# 140 5th Cross ‘C’ Block**  
**Deveraj Urs Layout**  
**Davangere --577006**