

## Profile

### Dileep M K

Guest Lecturer, Dept. of electronics  
University of Mysore,  
PG Center Hassan 573226  
Email: [dileepmk25@gmail.com](mailto:dileepmk25@gmail.com)  
Mob no: +91 9972281348

---



#### Academic Qualification:

- **UGC NET:** Successfully qualified for lectureship in UGC National Eligibility Test for junior research fellowship and lectureship, June 2012 examination.
- **M.Sc., Electronics:**
  - *Project:* "Wireless heart rate monitoring system" design using microcontroller and optical sensor.
- **B.Sc., (PME):**
  - *Achievement:* Top scorer in electronics paper for the college in 2006 batch.

#### Experience:

- **Guest lecturer**
  - *Place of work:* University of Mysore, DOS in Electronics PG centre, Hassan.
  - *No. of Years Experience:* 12 Years
  - *Period* - August 2008 to till date
  - *Achievements:* Coordinator in national level seminar RAOT 2016.

#### Paper presented in National conference:

- Presented a paper titled "*Line following robots*" at National conference on Advances in Electronic and communication Technology (NCAECT-2012) organized by Kuvempu University, Shimoga, Karnataka.

#### Paper Published in International Journal:

- Published a paper titled "*Gesture controlled user interfacing using inertial measurement unit*" at international journal of engineering Research & Technology(IJRET), (ISSN:2278-0181) Vol. 4 Issue 05, May-2015

#### Skill Set:

- Keil uVision4 /uVision5: IDE for 8051 family of microcontroller and ARM Processors.
- IAR Embedded Work Bench: Software development tool for and ARM Processors.
- HFSS (EM tool): Simulation and analysis of Micro strip Patch antenna (Circular and Rectangular)

#### Basic Knowledge:

- MP lab IDE: Software development tool for PIC microcontrollers.

#### Guided Projects titles:

1. Gesture controlled user interfacing using IMU sensor.
2. Sun tracking solar panels system.
3. Garbage monitoring and collecting systems.
4. Programmable automatic pilgrims flow control and pre-stampede monitoring system for religious places.
5. Automatic LPG Leakage monitoring control systems
6. Student data base management system.

## Personal Details

Date of Birth: 25<sup>th</sup> June 1985

Father Name: Kumara M B

Address: S/o Kumara M.B.  
#153, Opp., Someshwara complex,  
B.M. Road, Alur  
Hassan, Karnataka-573213

Sex: Male.

Email id: [dileepmk25@gmail.com](mailto:dileepmk25@gmail.com)

Contact No.: 9972281348

Category III B

Nationality: Indian

Languages Known: Kannada, English, Hindi