



**KUMARAN K**

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**Professional Objective:**

*I determined to get into the education field to create value in the environment, wherever I find the opportunity.*

**Career profile:**

Keen interest to learn new technologies and apply those technologies, for the better of the Humankind. Has motivated by Great Philosophers in teaching for the betterment of the Society.

Working as Assistant Professor in the Department of Electronics and Communication Engineering at Manakula Vinayagar Institute of Technology, Pondicherry. 5 years of teaching experience in the field of Electronics & Communication Engineering and 10 months in industry experience as Service Engineer.

Received Master Degree in the year 2012 in Embedded System Technologies from Eswari Engineering College Affiliated to Anna University. Obtained Bachelor of Technology in the year 2009 in Electronics & Communication Engineering from SRM University, Kattankulathur.

**Educational qualification:**

Ph.D :

M.E : EMBEDDED SYSTEM TECHNOLOGIES (Eswari Engineering College)

B.Tech : ELECTRONICS & COMMUNICATION ENGINEERING (SRM UNIVERSITY, Kattankulathur)

**Work experience: (starting from present position)**

| <b>S.No</b> | <b>Employer</b>   | <b>Designation</b>  | <b>Period of Service</b>       | <b>Nature of Work</b>  |
|-------------|---|---------------------|--------------------------------|--|
| 1.          | Manakula Vinayagar<br>Institute Of Technology                         | Assistant Professor | 16 May 2013<br>To<br>Till Date | Teaching   |
| 2.          | Tikona Digital Networks   | Technical Executive | Mar 2010 – Sep<br>2010         | Fault and<br>Repairing the<br>Network at the<br>Customer end |
| 3.          | Milky Way Cell Tech<br>(Vendor for Bharti Airtel<br>Pvt Ltd, Chennai) | Service Engineer    | Nov 2009 – Mar<br>2010         | Fault and<br>Repairing the<br>Network at the<br>Customer end |

**Teaching Activities: (Subjects Taught)**

- (i) Under Graduate :
1. Embedded System
  2. Microprocessor & Microcontroller
  3. Very Large Scale Integration
  4. Industrial Management & Engineering Economics
  5. Telecommunication Switching Networks
  6. Communication Theory

- (ii) Post Graduate: 1. High Performance Computer Networks

- (iii) Laboratories handled:
1. Embedded System Lab
  2. Computer Networks Lab
  3. Electron Devices & Circuits Lab

**Consultancy and Sponsored Research activities:**

| <b>Name of the Scheme</b> | <b>Project Title</b> | <b>Duration</b> | <b>Amount Sanctioned</b> | <b>Status Completed/* Ongoing</b> |
|---------------------------|----------------------|-----------------|--------------------------|-----------------------------------|
|                           |                      |                 |                          |                                   |

**Major tasks handled:**

- **Organized** Robotics conducted by ROBOTRENDS at MVIT during the academic year 2013 – 2014.
- **Organized** Robotics conducted by IIT Bombay at MVIT during the academic year 2014 – 2015.
- **Siggarathai Nokki** I was involved in various committees to invite students for the 12<sup>th</sup> level Program conducted by Sri Manakula Vinayagar Educational Trust held at Cuddalore during the academic years 2014, 2015, 2016, 2017 & 2018.
- **Organized Job Fair** Conducted by ICT Academy, Top Fresher's & Placement Cell at MVIT during the academic years 2015, 2016, 2017 & 2018
- **Organized** a Blood Donation Camp conducted by NSS Scheme at MVIT during the academic year 2013 – 2014.
- **Organized** Robotics Competition conducted by MITROENCE'14 at MVIT during the academic year 2014 – 2015.
- **Organized** Robotics Competition conducted by Dept of ECE MITILENCE at MVIT during the academic year 2017, 2018.
- **Organized** Guest Lecture for 2<sup>nd</sup> yr Engineering Electromagnetic' during the academic years 2014 & 2015.

**Paper Publications / Presentation:**

|                          | <b>Published</b> | <b>Accepted</b> | <b>Communicated</b> | <b>Total</b> |
|--------------------------|------------------|-----------------|---------------------|--------------|
| International Journal    |                  |                 |                     |              |
| National Journal         |                  |                 |                     |              |
| International Conference | 1                |                 |                     | 1            |
| National Conference      |                  |                 |                     |              |

**FDP/STTP/Workshops attended:**

- Attended One day workshop on “Embedded IoT” was conducted for the faculty of all departments by “ABE semiconductor Design”.
- Attended FDP on “Embedded IoT and IoE” was conducted for the faculty of all Departments by “ABE semiconductor Design”.
- Participated in the Electromagnetic Workshop conducted by ECE Dept at SSN Engineering College, Chennai during the academic year 2013 – 2014
- Participated in the VLSI Workshop conducted by ECE Dept at VIT University, Chennai during the academic year 2013 – 2014
- Participated in the FDP Mission 10X by WIPRO conducted at SMVEC, Puducherry during the academic year 2013 – 2014
- Participated in the FDP by RIPE, conducted at MVIT during the academic year 2013 – 2014
- Participated in the Advance in VLSI Circuit Design using Xilinx Workshop conducted by EEE Dept at Pondicherry University, Puducherry during the academic year 2014 – 2015.
- Participated Scientific Teaching Methodologies Workshop conducted by MVIT, Puducherry during the academic year 2014 – 2015.
- Participated in the Mobile application Development conducted ICTACT during the academic year 2015 – 2016.

**(For details of publications and training programmes attended  
Annexure to be added)**

**Reviewer for the journals:**

**Research guidance:**

**Project Guidance:     Guided UG Level Project**

**Guest Lectures delivered:**

**Professional Membership:   MISTE, MIANG**