



**S. Karthika,  
AP/ECE**

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**Professional Objective:**

To pursue in an institution, where I can contribute my hard work and leadership skills for the development of the institution thereby, achieving my goals.

**Career profile:**

**Educational qualification:**

M.E./M.Tech : M.Tech. (Networking) – at Sri Manakula Vinayagar Engineering College, Puducherry by May 2015 with 8.70 (CGPA).

B.E./B/Tech : B.E (ECE) – at Adhiparasakthi Engineering College, Melmaruvathur by May 2012 with 7.84 (CGPA)

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

S.No	Employer	Designation	Period of Service	Nature of Work
1	Manakula Vinayagar Institute of Tech., Puducherry.	Assistant Professor	2 years	Regular
2	CK College Of Engineering and Technology, Cuddalore	Assistant Professor	6 months	Regular

**Teaching Activities: (Subjects Taught)**

- (i) **Under Graduate :**
  1. Microprocessors and Microcontrollers
  2. Digital Circuits
  3. Electronic Communication Systems
  4. Communication Engineering-I
  5. Data Communication Networks
  6. Medical Electronics
- (ii) **Post Graduate :**
  1. ASIC and its Applications

**(iii) Laboratories handled:**

1. Microprocessor and Microcontrollers Laboratory
2. Communication Laboratory- I
3. Digital Circuits Laboratory - I

**Major tasks handled:**

Ward mentor

Conducted Workshop

Organised Guest Lecture

NPTEL Coordinator

**Paper Publications / Presentation:**

	<b>Published</b>	<b>Accepted</b>	<b>Communicated</b>	<b>Total</b>
International Journal	2	1	1	1
National Journal	-	-	-	-
International Conference	1	1	-	1
National Conference	1	1	-	1

**FDP/STTP/Workshops attended:**

1. Attended **FDP titled “Solar Energy – Technology & Products”** at MVIT, Phocos India Solar Pvt Ltd, Pondicherry during 9th to 10th June 2016.
2. Attended workshop on **“Workshop on Accreditation – Norms & Standards, Implementation in Technical Education, MVIT, Pondicherry** during 4th Jun 2016.
3. Attended two days workshop on **“Understanding Mathematics in Engineering Perspective”** by FLASHE and MVIT, Pondicherry during 15th to 16th Dec 2016.
4. Attended two days ICMR sponsored National seminar on **“Advanced Technology in Healthcare Prospects and Challenges ”** on 21st , 22nd April 2017 at MVIT, Puducherry.
5. Attended **Short Term Training Programme on “Embeddd IOT & IOE”** in MVIT, Puducherry from 11th to 15th Dec.
6. Attended a **FDP titled on “Emotional Intelligence”** at Rajiv Gandhi College of Engineering and Technology Engineering, Puducherry on 23rd & 24th Oct 2017 sponsored by ICT Academy.

7. Attended **Hands-on Workshop on Python and Machine Learning** at PEC on 5th & 6th Feb 2018.
8. Attended **3-day Professional Development Workshop on TEACH-Transform, Empower and Change** at MVIT, Puducherry on 17th Jun 2017.

**Project Guidance :**

1. Reducing Delay Transmission in VANET using CBDS Technology
2. Quadcopter controlled Security and Surveillance system

**Professional Membership:**

1. Member of International Association of Engineers (IAENG) Member no: 192614