



**Assistant Professor (ECE)**  
**Manakula Vinayagar Institute of**  
**Technology, Madagadipet,**  
**Puducherry, Pin code – 605 107.**  
**E mail: padmapriyaece@mvit.edu.in**  
**Phone:+91 -8608259050**  
**Mobile:+91-9994253589**

## **S.PADMAPRIYA**

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### **Professional Objective:**

To achieve good progress in my career through all my best subject knowledge and great teaching efforts thereby constantly upgrading my skills and to make a difference in whatever I do.

### **Career profile:**

### **Educational qualification:**

Ph.D :

**Doctor of Philosophy (ECE)**, completed on 07 April 2017, Pondicherry Engineering College, Pondicherry University.

M.E./M.Tech :

**Master of Technology (ECE)**, Graduated on May 2012 at Sri Manakula Vinayagar Engineering College, Pondicherry University with a aggregate of Marks 86.67% (**Secured University Second Rank**)

B.E./B.Tech :

**Bachelor of Technology (ECE)**, Graduated on May 2010 at Regency Institute of Technology, Pondicherry University, with a percentage of 76.5%

### **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 Institute of Technology	Assistant Professor	3 years and 3 months (from 1)	Regular
2	Rajiv Gandhi College of Engineering and Technology, Puducherry	Assistant Professor	<b>7 months (June 2012 – January 2013)</b>	Regular

## Teaching Activities: (Subjects Taught)

### Under Graduate :

Satellite Communication, Communication Engineering, Electronic Devices and Circuits, Wireless Communication, Cellular Mobile Communication, Data Communication Networks, Medical Electronics,

(ii) **Post Graduate** : Wireless Sensor Networks, Wireless Communication Systems

(iii) **Laboratories handled:** EDC, Advance Communication Lab, Communication III, Computer Communication Networks,

### Major tasks handled:

- Placement Coordinator (2016- till date)
- Project Coordinator (2017-2018 batch)
- Class Advisor (for II ECE A (2017-2021 batch))
- Session Incharge for IEEE ICSCAN 2018

### Paper Publications / Presentation:

	Published	Accepted	Communicated	Total
International Journal	10	-	-	10
National Journal	-	-	-	-
International Conference	5	-	-	5
National Conference	2	-	-	2

### FDP/STTP/Workshops attended:

#### SEMINARS

- Attended ICMR sponsored two days seminar on “Advanced Technology in Healthcare Prospects and Challenges” organized by Manakula Vinayagar Institute of Technology on 21<sup>st</sup> and 22<sup>nd</sup> April 2017.
- Participated in one day hands-on seminar on “Embedded system and Development” at NexGen Technologies on 20<sup>th</sup> Nov. 2015.

- Attended two days national level seminar on “Advances in Wireless Communication” organized by SSN College of Engineering on 15<sup>th</sup> and 16<sup>th</sup> March 2013.
- Attended a two days CSIR sponsored national level seminar on “Recent Trends in Wireless Communication” organized by SSN College of Engineering on 24<sup>th</sup> and 25<sup>th</sup> Feb. 2011.
- Participated in two days AICTE sponsored technical seminar on “Wireless Network Security” held on 25 and 26<sup>th</sup> March 2011 at Mailam Engineering College.

#### **WORKSHOPS**

- Attended two days workshop on “Understanding Mathematics in Engineering Perspective” at Manakula Vinayagar Institute of Technology on 15<sup>th</sup> and 16<sup>th</sup> November 2016.
- Attended a five days workshop on “Road Map Towards 5G Wireless Infrastructure” at Pondicherry university in association with PHOCOS and ADM from 2<sup>nd</sup> to 6<sup>th</sup> November 2015.
- Participated in two days national level workshop on “Cognitive Software Defined Radio” organized by SSN College of Engineering on 10<sup>th</sup> and 11<sup>th</sup> October 2014.
- Attended IETE sponsored two days workshop on “Hands-on training on Matlab for OFDM & MIMO” organized Manakula Vinayagar Institute of Technology on 25<sup>th</sup> and 26<sup>th</sup> July 2014.
- Participated in two days workshop on “Mobile Communication concepts and its implementation using Matlab and simulink” on 13<sup>th</sup> and 14<sup>th</sup> December 2013.
- Participated in two days workshop on “Matlab for Communication Engineering” at Vellore Institute of Technology on 19<sup>th</sup> and 20<sup>th</sup> October 2013.
- Attended TCIL-IT (Govt. of India Enterprise) sponsored one week workshop on “Embedded systems” at TCIL-IT Center, Puducherry from 31<sup>st</sup> October to 05<sup>th</sup> November 2012.

#### **FDPS**

- Attended a 2 days FDP on “Emotional Intelligence” organized by ICT Academy at Rajiv Gandhi College of Engineering and Technology during 27<sup>th</sup> and 28<sup>th</sup> October 2017.
- Attended a one day FDP on “Current Trends in IT” organized by TCS at TCS ILP Centre, Kaarapakkam on 30<sup>th</sup> May 2017.
- Participated in ICT Training Academy sponsored “E- Literacy level II (Advanced Teaching Techniques)” at ICTACT Training Centre from 25<sup>th</sup> May to 27<sup>th</sup> May 2015.
- Participated in AICTE sponsored FDP on “Security in Heterogeneous Networks-Issues and Challenges” organized by Pondicherry Engineering College from 15<sup>th</sup> to 26<sup>th</sup> April, 2013.
- Participated in one week TEQIP sponsored FDP on “Application of Image Processing Techniques in Next Generation Wireless Networks” organized by Pondicherry Engineering College from May 20<sup>th</sup> to 25<sup>th</sup> 2013.

**Reviewer for the journals:**

- Reviewer of the journal “International Journal of Sensors, Wireless Communications and Control”

**Project Guidance :**

1. UG Spectrum Handoff in cognitive assisted femtocell Networks
2. UG Design of high speed low power consuming 256 adder
3. PG Malecious vehicle detection using monitoring algorithm in vehicular ad-hoc network
4. UG Prevention of Decubitus Ulcer: A Simple Blood Flow Equalizing Bed
5. UG Fair Cooperative Routing in Wireless Sensor Network through Energy Pool Algorithm
6. UG Energy Optimization Coding Technique for Wireless Nano-Senor Network

**Guest Lectures delivered:** NIL

**Professional Membership:**

- Life member in ISTE.
- Life member in IAENG.