



**Name of the staff B.Lakshmi Priya**

**Designation : AP – Senior Grade  
Manakula Vinayagar Institute of  
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**Professional Objective:**

To strive for academic excellence and impart quality education with emphasis on Electronics and Communication Engineering.

**Career profile:**

**Educational qualification:**

Ph.D : Pursuing – Pondicherry University

M.E./M.Tech : Applied Electronics (St.Peter’s University, Chennai)

B.E./B/Tech : Electronics and Communication Engineering (Pondicherry University)

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

<b>S.No</b>	<b>Employer</b>	<b>Designation</b>	<b>Period of Service</b>
1	Manakula Vinayagar Institute of Technology	Assistant Professor - Senior Grade	1.07.2015 – Till Date
2	Manakula Vinayagar Institute of Technology	Assistant Professor	13.05.2013 – 30.06.2015
3	IFET College of Engineering	Lecturer	June 2004 – May 2009

**Teaching Activities: (Subjects Taught)**

- (i) Under Graduate : Circuit Theory, Signals and Systems, Electronic Devices and Circuits, Analog and Digital Communication, Digital Image Processing, Electromagnetics, Satellite Communication
- (ii) Post Graduate : CDMA and OFDM for Wireless Communication
- (iii) Laboratories handled: Communication Lab I, Communication Lab II, EDC Lab, NTL Lab, Advanced Communication Lab

**Major tasks handled:**

- Technical Club Coordinator since Dec 2014.  
Have been conducting various events and competitions for the students as a part of technical club activities.
- Conducted following workshops
  - MATLAB for Image Processing
  - MATLAB for Communication Engineering
  - Hands – On Training on OFDM and MIMO Wireless Communication using MATLAB for external participants
  - Understanding Mathematics in Engineering Perspective.
- Coordinated NBA work in department level.
- Registration and compering coordinators in IEEE International Conference ICSCAN 2018, Students’ Symposium MITILENCE, career guidance programme Sigarathai Nokki and so on

**Paper Publications / Presentation:**

	<b>Published</b>	<b>Accepted</b>	<b>Communicated</b>	<b>Total</b>
International Journal	11			11
National Journal	-	-	-	-
International Conference	8			9
National Conference	2			2

**FDP/STTP/Workshops attended:**

Sl No	Name of the Course	Organized By	No of Days
1.	FDP on “Embedded IoT and IoE”	Manakula Vinayagar Institute of Technology	5
2.	AICTE – QIP sponsored short term course on “Internet of Everything (IoE): Gaining Greater Insights into an Emerging Digital Drive”	Pondicherry Engineering College	5
3.	workshop on “Cognitive Computing Technology and Applications”	College of Engineering, Guindy, Anna University, Chennai	2
4.	workshop on “Optimization Techniques and Simulink Modelling using MATLAB”	IFET College of Engineering, Villupuram	2
5.	AICTE sponsored on short term course on “Recent Trends in Soft Computing”	Pondicherry Engineering College	5
6.	Technical skills programme on “Surgical Simulators for Engineers”	department of Surgical Gastroenterology, JIPMER, Puducherry	1
7.	TEQIP sponsored STTP on “Biosignal Processing for Telemedicine Applications”	Pondicherry Engineering College	6
8.	workshop on “ Artificial Neural network, Fuzzy Logic and Evolutionary Computing using MATLAB”	SCS India	2
9.	Hands on Training on “Image Fusion Techniques Using MATLAB & Open Source Tools for Beginners and Researchers”	IETE Erode Center at Kongu Engineering College	2
10.	DBT sponsored “Fusion Techniques for Improved Analysis, Detection and Diagnosis of Abnormalities in Bio-Medical Images”	Kongu Engineering College	1
11.	workshop on “MATLAB for Image Processing”	Madras Institute of Technology, Chennai	2
12.	Workshop on “Introduction to Robotics”	Pondicherry Engineering College	2
13.	Workshop on “NS2 – Network Simulator 2”	Kongu Engineering College	3
14.	workshop on Mobile Communication Concepts and its Implementation using MATLAB	VIT Vellore	2

	and Simulink		
15.	workshop on MATLAB for Communication Engineering	VIT Vellore	2
16.	Faculty Development Program on "Core Competency Development"	IFET College of Engineering	2
17.	faculty Development Program on "Digital Communication"	Kumaraguru College of Technology	6
18.	FDP on "Effective Teaching Methodologies"	IFET College of Engineering	2

### **Project Guidance: UG and PG project Guidance**

#### **Guest Lectures delivered:**

- Delivered a guest lecture on "An Insight to Medical Image Processing" at the department of Surgical Gastroenterology, JIPMER, Puducherry on 3<sup>rd</sup> April 2017.
- Delivered a guest lecture on Cognitive Radio – Next Generation Wireless Communication at IFET College of Engineering on March 20<sup>th</sup> 2014.

#### **Professional Membership:**

- Life Member – Indian Society for Technical Education (LM ISTE).
- Life Member – International Association of Engineers (IAENG)
- Life Member – Institute of Doctors, Engineers and Scientists (IDES)