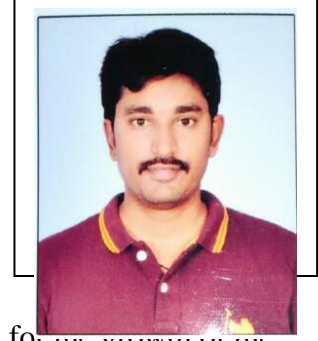


**CH. LAKSHMI NARAYANA, M.Tech (Ph.D)**

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### **CAREER OBJECTIVE**

Seeking a responsible career to share my knowledge and experience for the growth of the organization.

### **ACADEMIC BACKGROUND**

<b>Name of the Course</b>	<b>Specialization</b>	<b>University / College</b>	<b>Year of Joining/ passing</b>	<b>Percentage/CGPA Obtained</b>
<b>Ph.D (Pursuing)</b>	Embedded Systems	Lovely Professional University	2018	---
<b>M.Tech</b>	Embedded Systems	SRM University	2011	7.2 CGPA
<b>B.Tech</b>	Electronics and Communication Engineering	St'Anns College of Engineering & Tech, (Affiliated to JNTUK)	2008	62.23%
<b>Intermediate</b>	M.P.C	Vikas Junior College	2004	77.40%
<b>S.S.C</b>	-	Usha Academy	2002	63.50%

### **WORK EXPERIENCE**

<b>Name of the Institution</b>	<b>Name of the post</b>	<b>Department</b>	<b>Period of Employment</b>		
			<b>From</b>	<b>To</b>	<b>Total Experience</b>
Alpha College of Engineering	Assistant professor	ECE	27-06-2011	30-05-2015	4 years
Pragati Engineering college	Assistant professor	ECE	20/05/2016	Till date	3.6 years

## SUBJECTS HANDLED

- Analog and Digital Communication.
- Basic Electronic devices
- Signals and systems
- Optical communication
- Wireless sensors and Networks

## TRAINING PROGRAMS UNDERGONE

- Attended Six-day FDP on “**Artificial Intelligence and Deep Learning**” from 18<sup>th</sup> -23<sup>rd</sup> November 2019 in Pragati Engineering college.
- Attended Guest Lecture on “**Signal Processing Methods for Wireless Channel modeling of Drone-Ground Communication Links**” on 29-10-19 in Pragati engineering college
- Attended workshop on “**Design and Analysis of RF Antennas using HFSS Software**” in Sasi Engineering college on 07<sup>th</sup> to 11<sup>th</sup> Nov 2017.
- Attended workshop on “**Practical RF Antenna Design**” in CIET on 4<sup>th</sup> to 10<sup>th</sup> June 2018.
- Attended workshop on “**Next generation wireless technologies**” in SSN Engineering College on 21<sup>st</sup> and 22<sup>nd</sup> Feb 2014.
- Attended National Seminar on “**Recent Trends in plasma Display Technology**” in VIT University on 15<sup>th</sup> September 2013.
- Attended National level NPTEL workshop in IIT Madras in Chennai.
- Participated in the two day STTP on “**MIMO Communications and Networks**” in SRM University, Chennai.
- Participated in national Seminar in “**Recent Trends in Rehabilitation Engineering**” Conducted at Alpha College of Engineering on 27 & 28 April 2012.

## PUBLICATIONS

- Published a journal in International journal of Engineering Research & Technology titled “**Real time Safety measures in Railways using Embedded systems**” Volume 3, Issue 8, Aug 2014
- Published a journal in International Research Journal of Engineering & Technology titles “**A proposed system for Monitoring Street Transformers in rural areas using Embedded system**” Volume 3, Issue 10 ,Oct 2016.
- Published a International journal in IJRASET titles “**Real Time Anti-Terrorist Smart Robot Monitoring using Embedded System**” Volume 6, Issue 03, Mar 2018.
- Published a International journal in JETIR titles “**Advanced Green House Monitoring using raspberry-pi and IOT**” Volume 5, Issue 07, July 2018.
- Published a paper in international journal of IJTIMES title “**Development of Smart Health Monitoring System for patient using IoT Network**” Volume 5, Issue 04, April 2019.
- **Published a Book chapter** on Development of Solar Energy Harvesting Mechanism to Power up Sensor Node to Monitor the Parameters of Pipeline Using XBee Technology in book titled “**Energy Harvesting Technologies for Powering WPAN and IoT Devices**”

**for Industry 4.0 Up-Gradation” in Nova Science publications. Chapter ID: chapter ID is 61663**

- **Published a Book chapter** on Analysis and Design of Oil Pipeline Leaks Monitoring System Using LoRa and IoT Network in book titled “**LoRA and IoT networks for Applications in Industry 4.0” in Nova Science publications. Chapter ID: 62213, Book ID: 16674.**

#### **PATENT PUBLICATIONS**

- Patent Published on 06/12/2019 titled “**Method and device for monitoring the critical parameters of oil pipeline**”.

#### **NPTEL CERTIFICATIONS**

1. NPTEL certification in Analog Communications on Sep-2017
2. NPTEL certification in Antennas on April-2018
3. NPTEL certification in Digital Circuits OCT-2018
4. NPTEL certification in Enhancing Soft Skills and Personality

#### **RESPONSIBILITIES IN DEPARTMENT & INSTITUTION LEVEL**

- Training & Placement Co-ordinator.
- News Letters & Technical Magazines Coordinator

#### **HOBBIES**

- Counselling the students.
- Watching News

#### **PERSONAL DETAILS**

Date of Birth : 08/06/1987

Gender : Male.

Marital Status : Married

Communication Address : D.no 15-3-11/2,Valluri vari street,Mandapeta,Egdt,  
AP-533308

#### **PERSONAL DECLARATION**

I hereby declare that the information provided by me above is correct to the best of my knowledge.

**(CH.Lakshmi Narayana)**

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