

## **FACULTY** **PROFILE**



**Name of the faculty: Karuna Sirivolu**

Department: ECE

College: Gudlavalleru Engineering College

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**RESIDENTIAL ADDRESS:** W/O V.Murali  
Billapadu  
Gudivada. 521301

**ACADEMIC QUALIFICATIONS:** M.Tech.

**PROFESSIONAL EXPERIENCE:**

<b>Designation</b>	<b>Institution</b>	<b>Period</b>
Assistant Professor	Gudlavalleru Engineering College	June 1 <sup>st</sup> 2022 to till date
Assistant Professor	Swarnandhra college of Engineering and technology	May 2018-Nov2018
Assistant Professor	Chaitanya Engineering college	June2011-Feb2016

**PROJECTS GUIDED:**

<b>PhD</b>	<b>Post Graduation</b>	<b>Under Graduation</b>
-	4	8

**SPECIALIZATION:** Digital Image Processing

**RESEARCH PAPERS / BOOKS:**

## **PAPERS PUBLISHED IN JOURNALS:**

[1]. S.Karuna,A.Renuka Narasimha,Y.Chalapathi Rao “A New Concept of Face Identification Based on Logical Features and Nonlinear Mappings”, *International Journal of electronics & communication Technology and Engineering*”, Vol.4, Issue 3, July - sept2013.

[2]. Shaik Ameer, J.S.S RamaRaju,Y Chalapathi Rao,S.Karuna “A Novel Approach for Automated Number Plate Recognition”, *International Journal of electronics & communication Engineering*”, Vol.4,Issue 3, July - sept2013.

## **LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:**

- Two-Week ISTE workshop on “Signals and Systems” Conducted by Indian Institute of Technology Kharagpur from 2<sup>nd</sup> to 12<sup>th</sup> January 2014.This workshop was held under the National Mission on Education Through ICT(MHRD) at GVIT Bhimavaram.
- Two day national level workshop on “Image and Video processing” on 12<sup>th</sup> – 13<sup>th</sup> February 2015 at Vishnu Institute of Technology Bhimavaram.
- Five day Online FDP on Entitled Concepts on “Internet of Things with Machine Learning and Artificial Intelligence” towards advanced applications from 06.12.2021 to 10.12.2021 organizing by the Department of Electronics and Communication Engineering, DNR College of Engineering and Technology, Bhimavaram, Andhra Pradesh in association with Center for Continuing Education, National Institute of Technology, Warangal.
- One day FDP on “Insights of NEP 2020 And Strategies For its Implementation” on 12<sup>th</sup> June 2022 at Gudlalleru Engineering College.

## **CERTIFICATIONS/Training Programs Attended No:**

1. Faculty Orientation program conducted by JNTUK Centre of Excellence For e-Resource And Development and Globarena Technologies Pvt.Ltd held at DNR College of Engineering &Technology on 21<sup>th</sup> Aug 2014

## **GUEST LECTURES DELIVERED: ----**

## **CONSULTANCY ACTIVITIES: ----**

## **GRANTS FETCHED: ----**

## **Subjects Handled**

**Under Graduation**

- Antennas and Wave Propagations
- Switching Theory & Logic Design
- Analog Communications
- Digital Communications
- Computer Networks
- Electronic Devices and Circuits
- Satellite Communication

#### **Post-Graduation**

- Digital Image Processing
- Microwave Engineering
- Optical Communication
- Cellular Mobile Communication
- Electromagnetic Interference And Electromagnetic Compatibility
- Digital Logic Design

### **Labs Handled**

#### **Under Graduation**

- Electronic Devices and Circuits Lab
- Analog Communications Lab
- Microprocessors and Microcontrollers Lab

#### **Post-Graduation**

- Digital Signal Processing Lab
- Microwave Engineering Lab
- Digital Electronics Lab

### **Other Responsibilities**

### **Projects Guided**

#### **Under Graduation**

#### **Post-Graduation**

**Guiding Ph. D Students – NIL**

**Books Published No. :**

**R&D and Consultancy :**

**Curriculum Design and Development :**

1

**Extra Curricular Activities:** Department level activities

**Declaration**

I hereby declare that all the above-furnished information is correct to the best of my knowledge.

Date: 28-06-21

S.Karuna

Place Gudlavalleru

Signature