



# GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)  
Accredited by National Board of Accreditation (NBA) for B.Tech CSE, ECE & IT – Valid from 2019-20 to 2021-22  
MADHURAWADA :: VISAKHAPATNAM :: AP – 530048

## 3-Day National Workshop on Recent Trends in Radar Signal Processing

Organized by  
**Department of ECE**

**3<sup>rd</sup> to 5<sup>th</sup> January, 2022**  
11:00 AM- 01:00 PM  
03:00 PM- 05:00 PM



### Technically Sponsered by



**I E T E, New Delhi**

#### Chief Patron

**Prof. Dr. Ing. P S Rao**  
President, Gayatri Vidya Parishad

#### Patrons

**Sri. D Dakshina Murthy**  
Vice-President, Gayatri Vidya Parishad  
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Secretary, Gayatri Vidya Parishad

#### Co-Patron

**Prof. R K Goswami**  
Principal, GVPCEW

#### Program Chair

**Prof. K Raja Rajeswari**  
Director (R&D), GVPCEW

### About the Institute

GVP College of Engineering for Women is established under the aegis of Gayatri Vidya Parishad, an educational society founded by eminent academicians, industrialists, and Philanthropists of Visakhapatnam. To empower women in technological and engineering fields, the society has established this engineering college exclusively for women in the year 2008. It is a self-financed institution offering excellence in engineering education and is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK), approved by AICTE, New Delhi.

The College is offering UG courses in CSE, IT, ECE, EEE, CSE(AI&ML) and PG Courses in ECE & CSE. B.Tech programmes in CSE, ECE, IT are accredited by NBA through 2022. The institute has very good infrastructural facilities, e-classrooms, and well-equipped laboratories. The college has well qualified faculty to train the women engineers who are in pursuit of their professional careers in the courses offered by the institute.

### About the Department

The ECE department started in 2008 with an initial intake of 120 students in UG Program. The department also started M.Tech program in VLSI Design and Embedded Systems with an intake of 18 Students in 2011. The department has a team of 20 dedicated and experienced faculty members out of which 7 faculty members hold Ph.D degree. The department has state-of- the-art laboratories equipped with advanced software and hardware to facilitate research in major areas of ECE. The department has a dedicated IoT Lab for the students to hone their skills.



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## Convenor

**Dr. K Srinivasa Rao**  
Associate Professor, HoD, ECE

## Coordinators

**Ms. Ch Sirisha**  
Asst. Professor, ECE

**Mr. P V K Chaitanya**  
Asst. Professor, ECE

## Advisory Board

### Prof. S Srinivas Kumar

Ex-Vice Chancellor (JNTU Anantapur),  
Professor in ECE, JNTU-Kakinada

### Prof. G Sasi Bhusana Rao

Senior Professor & Former Member-  
Executive Council, Andhra University

### Prof. K Chandra Bhushana Rao

Professor and HOD-ECE,  
JNTU Kakinada -UCEV

### Prof. P Rajesh Kumar

Professor and HOD-ECE,  
Andhra University

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Outstanding Scientist, Director,  
LRDE-DRDO Bangalore.

### Prof. B T Krishna

Professor and HOD-ECE,  
JNTU Kakinada

### Prof. G Sudheer

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### Dr. Dwiti Krishna Bebartha

Associate Professor, HoD, IT

### Dr. R V S Lakshmi Kumari

Associate Professor, HoD, EEE

### Dr. K L Sai Prasad

Associate Professor, HoD, BSH

## Contact us

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[www.gvpcew.ac.in](http://www.gvpcew.ac.in)

## DETAILS OF THE WORKSHOP

### Objective of the Workshop

In the present days, extensive research is being undertaken in the areas of Radar Signal Processing due to the advancement in the Signal Processing Technology. Some of the unique research areas are Adaptive radar signal processing, pulse compression techniques, and Side Lobe Reduction in the Pulse Doppler Radars. Research in the areas of artificial intelligence (and developed methods and algorithms) has also become increasingly important in the last two decades. Artificial intelligence algorithms have long been used for modelling decision-making systems. Artificial Neural Networks (ANNs) are a class of artificial intelligence algorithms which are not only used in computer science but also in Radar and Communication Engineering.

The principal objective of this workshop is to train, educate and appraise students, research scholars and professionals from academic institutions, industries and other sectors in the field of RADAR Signal Processing, Adaptive Signal Processing, and cutting edge Artificial Neural Networks.

### Resource Persons

#### 1. Prof. Ganapati Panda

*Professor & Research Advisor  
C V Raman Global University, Bhubaneswar*

#### 2. Prof. K Raja Rajeswari

*Director R&D, GVPCEW*

#### 3. Dr. Tusar Kanti Dash

*Assistant Professor, C V Raman Global University, Bhubaneswar*

#### 4. Dr. Pathipati Srihari

*Assistant Professor, NIT, Surathkal*

### Who can Participate

Faculty/ Research Scholars/ PG Students

### Mode of Sessions

Sessions will be conducted ONLINE. The meeting link details will be intimated through mail to the registered participants.

### Registration

- No Registration Fee
- Registration link : <https://tinyurl.com/y3du5nr1>

Note: e-Certificates will be provided to the participants

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